Final
Feasibility Study
Reservoir No. 2 Burning Ground

Former Plum Brook Ordnance Works
Sandusky, Ohio

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List of Acronyms

^{14}C	carbon-14
^{15}N	nitrogen-15
AC	activated carbon
ADNT	aminodinitrotoluene
ARAR	applicable or relevant and appropriate requirement
ATS	alternative treatment standard
bgs	below ground surface
BHHRA	baseline human health risk assessment
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
C/N	carbon to nitrogen
COC	chemical of concern
DDT	dichlorodiphenyltrichloroethane
°C	degrees Celsius
DERP-FUDS	Defense Environmental Restoration Program – Formerly Used Defense Sites
DNT	dinitrotoluene
EC_{50}	median effective concentration
EHQ	ecological hazard quotient
EPA	U.S. Environmental Protection Agency
EPC	exposure point concentration
FFS	focused feasibility study
FR	Federal Registry
FS	feasibility study
ft^2	square feet
HI	hazard index
HQ	hazard quotient
IEUBK	Integrated Exposure Uptake Biokinetic
ILCR	incremental lifetime cancer risk
IVBA	in vitro bioaccessibility assay
Jacobs	Jacobs Engineering Group, Inc.
LDR	land disposal restriction
MDC	maximum detected concentration
µg/kg	micrograms per kilogram
µm	micrometer
mg/kg	milligrams per kilogram

mg/L	milligrams per liter
mM	millimolar
NaOH	sodium hydroxide
NAC	nitroaromatic compound
NASA	National Aeronautics and Space Administration
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
O&M	operation and maintenance
OEPA	Ohio Environmental Protection Agency
PAH	polynuclear aromatic hydrocarbon
PBOW	Plum Brook Ordnance Works
PCB	polychlorinated biphenyl
PCDD/F	polychlorinated dibenzodioxin/furans
PPE	personal protective equipment
PRG	preliminary remediation goal
PETN	pentaerythrol tetranitrate
R2BG	Reservoir No. 2 Burning Grounds
RAO	remedial action objective
RCRA	Resource Conservation and Recovery Act
RG	remedial goal
RI	remedial investigation
RSL	regional screening level
SES	Sevenson Environmental Services, Inc.
Shaw	Shaw Environmental and Infrastructure, Inc.
SI	site investigation
SLERA	screening-level ecological risk assessment
TAT	triaminotoluene
TBC	to be considered
TCDD	tetrachloro-p-dibenzodioxin
TCLP	toxicity characteristic leaching procedure
TDL	Technology Development Laboratory
TEQ	toxicity equivalency
TNB	trinitrobenzene
TNT	trinitrotoluene
TNTA	TNT Area A
TNTB	TNT Area B

List of Acronyms (continued)

TNTC	TNT Area C
TOC	total organic carbon
TSDF	transportation, storage, and disposal facility
UHC	underlying hazardous constituent
USACE	U.S. Army Corps of Engineers
USERDC	U.S. Army Research and Development Center
UTS	universal treatment standard
VAAP	Volunteer Army Ammunition Plant
VOC	volatile organic compound
yd^3	cubic yards

Executive Summary

This report presents the results of the feasibility study (FS) for the Reservoir No. 2 Burning Grounds (R2BG) at the former Plum Brook Ordnance Works (PBOW) in Sandusky, Ohio. The U.S. Army Corps of Engineers contracted Shaw Environmental and Infrastructure, Inc. to conduct this FS under Delivery Order DX09 of Contract Number W912QR-08-D-00213. The purpose of this FS is to present an evaluation of remedial alternatives to address contaminated soil at R2BG. Sediment and groundwater at the site do not require any remedial action to protect human health and the environment.

The 9,009-acre PBOW site was built in early 1941 as a manufacturing plant for 2,4,6-trinitrotoluene (TNT), dinitrotoluene (DNT), and pentolite. Production of explosives at PBOW began on December 16, 1941 and continued until 1945. After the plant shut down in 1945, the U.S. Army began decommissioning procedures. Typical decontamination and decommissioning methods involved removing and relocating any explosives waste in a building or structure to a burning ground (e.g., R2BG) for open burning.

The PBOW site is currently utilized and maintained by the National Aeronautics and Space Administration (NASA) and is operated as the Plum Brook Station of the John H. Glenn Research Center. NASA currently controls approximately 6,400 acres, including R2BG, and is using the PBOW facility to conduct space research as a satellite operation of the John H. Glenn Research Center at Lewis Field in Cleveland, Ohio.

R2BG is located in the northwestern portion of PBOW, approximately 400 feet south of Reservoir No. 2 at the former Plum Brook Station ball field between Ransom Road and Campbell Road. R2BG was used as a burning ground for production process wastes. It is not known when the site was first used for burning; however, a 1950 aerial photograph clearly shows the site to be in existence, and there is documentation showing ongoing operations up to 1962. Site restoration was performed in 1963, when the area was cleared of debris and the ground restored to proper grade. The R2BG site was used temporarily as a baseball field by NASA and is currently a grass-covered open field with young hardwood trees and brush surrounding the area.

A preliminary site assessment in 1991 identified the existence of the burn area near Reservoir No. 2. A site investigation conducted in 1996 included a geophysical survey and sampling of surface and subsurface soil from borings and trench excavations. The site investigation found

concentrations of nitroaromatic compounds (NAC), polynuclear aromatic hydrocarbons (PAH), polychlorinated biphenyls (PCB) and metals above U.S. Environmental Protection Agency Region 3 risk-based criteria in soil. A remedial investigation (RI) was conducted in 2004 and 2005. The RI activities included sampling of surface and subsurface soil, sediment, and groundwater. Samples were analyzed for one or more of the following constituents: volatile organic compounds (VOC), NACs, PAHs, PCBs, polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/F), and metals. The RI also included a baseline human health risk assessment (BHHRA) and a screening-level ecological risk assessment (SLERA).

The BHHRA evaluated risks separately for soils inside and outside the burn area for both a residential and industrial exposure scenario. The incremental lifetime cancer risks (ILCR) and/or noncancer hazard index (HI) associated with exposure to surface soil or subsurface soil inside of the burn area exceeded acceptable levels for the current groundskeeper (surface soil), current construction worker (surface and subsurface), future indoor worker (surface), and future resident (surface and subsurface). The ILCR and HI associated with exposure to surface soil or subsurface soil outside of the burn area exceeded acceptable levels for the current groundskeeper (surface soil), current construction worker (surface soil), and future resident (surface or subsurface soil). Chemicals of concern in soil include 2,4,6-TNT, 2,4-DNT, 2,6-DNT, the PCBs Aroclor 1254 and Aroclor 1260, 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity equivalency (TEQ) and lead. There is no unacceptable human health risk associated with exposure to sediment. Risks and hazards associated with groundwater are considered implausible because exposure is unlikely due to the low yield of wells at the site and naturally poor water quality. Wells at the site did not yield enough groundwater for low-flow sampling and samples collected with a bailer had elevated turbidity, making the data quality unsuitable for risk assessment purposes.

The SLERA determined that several contaminants associated with former site operations may potentially have adverse impacts on ecological receptors exposed to site soils. Ecological hazard quotients (EHQ) exceeded 10 for receptors exposed to 2,4-DNT, 2,6-DNT, and TCDD TEQ in soil inside the burn area. EHQs exceeded 10 for receptors exposed to 2,4-DNT, 2,6-DNT, and TNT in soil outside the burn area. The SLERA did not recommend remediation of R2BG soil on the basis of ecological risk solely due to uncertainties of toxicity and the relatively small size of the site. No rare, threatened, or endangered animal or plant species were confirmed at the site.

A supplemental post-RI investigation was conducted in October 2010 to better delineate the extent of PCDD/F contamination in surface soil outside the burn area.

The following remedial action objective was developed in the FS for R2BG:

- Prevent human exposure via any exposure route (ingestion, inhalation, or dermal contact) to site soil containing the chemicals of concern (COC) at concentrations that exceed R2BG remedial goals (RG).

RGs were derived for the COCs based on a cumulative HI of 1 and a cumulative ILCR of 1E-5. The RG for lead was based on a to-be-considered criterion. COCs and RGs for R2BG are listed in Table ES-1.

Table ES-1
Remedial Goals for R2BG Soil

COC	RG (mg/kg)[a]	Basis of RG	HQ of RG	ILCR of RG
TCDD TEQ (ng/kg)[a]	18[a]	cancer risk	NA	4E-6
2,4,6-Trinitrotoluene	38	noncancer hazard	1	2E-6
2,4-Dinitrotoluene	1.4	cancer risk	0.01	2E-6
2,6-Dinitrotoluene	1.4	cancer risk	0.02	2E-6
Aroclor 1254/1260	1.0	cancer risk/noncancer hazard	0.9	4.5E-6
Lead	400	Guidance and IEUBK Model	NA	NA
		Total HI/ILCR	**1**	**1E-5**

mg/kg - milligrams per kilogram; HQ - hazard quotient; IEUBK - Integrated Exposure Uptake Biokinetic;
NA -not applicable; RG - remedial goal; TCDD TEQ - 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity equivalency.
[a]Please note that the TCDD TEQ RG is in units of nanograms per kilogram (ng/kg).

Cleanup of soil at the site to the human health RGs would also significantly reduce the risk to ecological receptors, up to nearly 5,000-fold. Tables ES-2 and ES-3 present the degree of risk reduction to ecological receptors.

Table ES-2
Ecological Implications of Remedial Goals for Inside the Burn Area

Chemical	Human Health RG (mg/kg)[a]	Expected Residual Conc. (mg/kg)[a]	Maximum EHQ (and receptor)		Exposure Point Conc. for Ecological Receptor (mg/kg)[a]	Scaled EHQ Using Expected Residual Conc.	Estimated Ecological Hazard Reduction Factor
TCDD TEQ (ng/kg)[a]	18	18	92	shrew	371	4	21
2,4-DNT	1.4	1.4	19,000	mouse	6978	4	4984
2,6-DNT	1.4	1.4	660	mouse	240	4	171
TNT	38	38	4,200	wren	6048	26	159
Acenaphthene	NA	0.241	280	shrew	16.1	4	67
Naphthalene	NA	0.234	64	shrew	12.1	1	52

mg/kg - milligrams per kilogram; EHQ - ecological hazard quotient; NA - not applicable; RG - remedial goal.
[a]Please note that the TCDD TEQ concentrations are in units of nanograms per kilogram (ng/kg).

Table ES-3
Ecological Implications of Remedial Goals for Outside the Burn Area

Chemical	Human Health RG (mg/kg)	Expected Residual Conc. (mg/kg)	Maximum EHQ (and receptor)		Exposure Point Conc. for Ecological Receptor (mg/kg)	Scaled EHQ Using Expected Residual Conc.	Estimated Ecological Hazard Reduction Factor
2,4-DNT	1.4	1.4	59	mouse	21.7	4	16
2,6-DNT	1.4	1.4	23	mouse	8.2	4	6
TNT	38	38	420	wren	606	26	16

mg/kg - milligrams per kilogram; EHQ - ecological hazard quotient; NA - not applicable; RG - remedial goal; TCDD TEQ - 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity equivalency.

A number of remedial technologies were screened in the FS for their potential effectiveness, implementability, and relative cost in meeting the remedial action objective for the site. The technologies retained from the screening were assembled into remedial alternatives for detailed evaluation in the FS. The following remedial alternatives were assembled for detailed evaluation:

- ***Alternative 1 – No Action***

- ***Alternative 2 – Excavation and Off-Site Treatment/Disposal.*** Excavation of all soil with concentrations of COCs above RGs. Off-site treatment and disposal of all soil as a hazardous waste.

- ***Alternative 3 – Excavation, Windrow Composting, Chemical Stabilization, and On-Site and Off-Site Disposal.*** Excavation of all soil with concentrations of COCs above RGs. Composting of all soil with leachable concentrations of 2,4-DNT above the toxicity characteristic leaching procedure (TCLP) limit. Chemical stabilization of all soil with leachable concentrations of lead above the TCLP limit. Placement back on site of treated soil that meets RGs for all COCs and that has not been chemically stabilized for lead. Disposal off site as a nonhazardous waste of all soil with concentrations of COCs above the RGs or that has been chemically stabilized for lead.

- ***Alternative 4 – Excavation, Alkaline Hydrolysis, Chemical Stabilization, and On-Site and Off-Site Disposal.*** Excavation of all soil with concentrations of COCs above RGs. Alkaline hydrolysis of all soil with leachable concentrations of 2,4-DNT above the TCLP limit. Chemical stabilization of all soil with leachable concentrations of lead above the TCLP limit. Placement back on site of treated soil that meets RGs for all COCs and that has not been chemically stabilized for lead. Disposal off site as a nonhazardous waste of all soil with concentrations of COCs above the RGs or that has been chemically stabilized for lead.

The remedial alternatives were evaluated with respect to the seven threshold and balancing criteria specified by the Comprehensive Environmental Response, Compensation, and Liability

Act. The threshold criteria are protection of human health and the environment and compliance with applicable or relevant and appropriate requirements (ARAR). The balancing criteria are long-term effectiveness and permanence; reduction of toxicity, mobility and volume of contamination; short-term effectiveness; implementability; and cost. The modifying criteria of state acceptance and community acceptance will be evaluated in the decision document.

All of the alternatives, with the exception of Alternative 1, would meet the threshold criteria of protection of human health and the environment and compliance with ARARs. Alternative 1 is not protective because soil with concentrations of COCs above RGs would be left in place. Alternatives 2 through 4 protect human health and the environment by removing soil with concentrations of COCs above RGs from the site. This action would lower the human health and ecological risks associated with exposure to contaminated soil to acceptable levels and would thus meet the threshold criterion of protecting human health and the environment. Although groundwater underlying R2BG in not a potable source because of low yield and naturally poor quality, Alternatives 2 through 4 would protect groundwater resources by removing a potential source of groundwater contamination.

With the exception of Alternative 1, the remaining alternatives are generally similar with respect to the evaluation of the balancing criteria, although there are some differences. Alternatives 3 and 4 would employ treatment technologies that permanently and significantly reduce the toxicity, mobility, or volume of hazardous substances. Under these alternatives, it is estimated that all of the excavated soil would be treated. Alternative 2 is different in that it would not involve any on-site treatment. Alternatives 3 and 4 use treatment technologies that biologically or chemically convert or transform COCs into less toxic constituents. Windrow composting, used in Alternative 3, has been implemented previously at PBOW, and its effectiveness and limitations are well known. The alkaline hydrolysis technology used in Alternative 4 is relatively new but it was successfully implemented at full-scale to treat a large volume of NAC-contaminated soil at Volunteer Army Ammunition Plant near Chattanooga, Tennessee.

The total present value cost (including 25 percent contingency) for each of the five remedial alternatives is provided in the following table. Alternative 4 has the lowest remedial cost of the alternatives evaluated.

Alternative 1	Alternative 2	Alternative 3	Alternative 4
$0	$3.5 million	$3.8 million	$2.8 million

1.0 Introduction

This report presents the results of the feasibility study (FS) for soil at the Reservoir No. 2 Burning Grounds (R2BG) at the former Plum Brook Ordnance Works (PBOW) in Sandusky, Ohio. The U.S. Army Corps of Engineers (USACE) is conducting studies under the Defense Environmental Restoration Program-Formerly Used Defense Sites (DERP-FUDS) to determine the environmental impact of suspected hazardous waste sites at previously owned U.S. Department of Defense properties. PBOW is a U.S. Army DERP-FUDS project currently managed and technically overseen by the Huntington, West Virginia, and Nashville, Tennessee, USACE district offices.

The FS was completed in a manner consistent with U.S. Environmental Protection Agency (EPA) remedial investigation (RI)/FS guidance, the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) *Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA* (EPA, 1988) and subsequent guidance materials, including *Guidance on Implementation of the Superfund Accelerated Cleanup Model (SACM) under CERCLA and the NCP* (EPA, 1992). The FS was completed in compliance with the requirements of the June 15, 2010 modified statement of work for the modified Delivery Order DX09 of Contract Number W912QR-08-D-0013.

1.1 Purpose

The purpose of this FS is to provide an evaluation of remediation alternatives for contaminated soil at R2BG. The FS is based on data presented in the RI report of findings (Jacobs Engineering Group, Inc. [Jacobs], 2006), the baseline human health risk assessment (BHHRA) (Jacobs, 2010a), the screening-level ecological risk assessment (SLERA) (Jacobs, 2010b), and data collected in conformance with the final surface soil sampling delineation plan (Shaw Environmental and Infrastructure, Inc. [Shaw], 2010).

1.2 Site Background

The former PBOW is located south of Sandusky, Ohio (Figure 1-1). The PBOW facility was constructed on property comprising 9,009 acres in early 1941 as a manufacturing plant for 2,4,6-trinitrotoluene (TNT), 2,4-dinitroluene (DNT), and pentolite, an explosive mixture composed of 50 percent pentaerythrol tetranitrate (PETN) and 50 percent TNT (International Consultants Incorporated, 1995). Production of explosives at PBOW began in December 1941 and continued until 1945. It is estimated that more than 1 billion pounds of nitroaromatic explosives were manufactured during the four-year operating period. The three explosive

manufacturing areas were designated TNT Area A (TNTA), TNT Area B (TNTB), and TNT Area C (TNTC). Twelve process lines were used in the manufacture of TNT: four lines at TNTA, three lines at TNTB, and five lines at TNTC.

After plant operations ceased, the manufacturing process lines were decontaminated by the Army in late 1945. During decontamination, all structures, equipment, and manufacturing debris were either removed and salvaged or removed and burned. After the property was certified as decontaminated, 3,230 acres of the property were initially transferred to the Ordnance Department, then to the War Assets Administration. In 1949, PBOW was transferred to the General Services Administration. This transfer did not include the Plum Brook Depot area, which consists of 2,800 acres. The Department of the Army reacquired the 3,230 acres in 1954 and performed cleanup efforts from the mid-1950s until 1963. In 1955, the Army completed further decontamination of the manufacturing process lines. This effort included removal of contaminated surface and subsurface soil around the building and wooden and ceramic waste disposal lines containing TNT. Thousands of pounds of TNT were discovered in catch basins; this TNT was removed and burned at the burning grounds.

Two property use agreements were entered into by the Army and the National Advisory Committee of Aeronautics, the predecessor of the National Aeronautics and Space Administration (NASA), in 1956 and 1958, respectively. Accountability and custody for the entire portion of the former PBOW property (6,030 acres) that had been under the accountability and custody of the Department of the Army were transferred to NASA on March 15, 1963. NASA performed further decontamination efforts during 1964. The NASA decontamination process included removing contaminated surface soil above the drain tiles, flumes, etc.; destruction of all buildings by fire; and removal of all soil, debris, sumps, and above-grade portions of concrete foundations. Portions of the concrete foundations located below grade were left buried, and some that had been previously slightly above grade were likewise buried. All materials, including the soil in those areas, were flashed; the area was then rough-graded. The decontamination process was also to have included the burning of nitroaromatic-filled flumes that were excavated (Dames & Moore, Inc., 1997).

NASA has operated and maintained the former PBOW property since 1963, and the facility is currently the NASA Glenn Research Center, Plum Brook Station. NASA operates the property as a space research facility in support of its John H. Glenn Research Center at Lewis Field, Cleveland, Ohio. Most of the aerospace testing facilities built in the 1960s at the site are currently on standby or inactive status. On April 18, 1978, NASA declared approximately 2,152 acres of PBOW as excess. This excess included former buffer areas that had not been used by the

Army and thus were not subject to decontamination efforts. The Perkins Township Board of Education acquired 46 acres of the excess acreage and uses this area as a bus transportation area. The General Services Administration retains ownership of the remaining excess acreage and currently has a use agreement with the Ohio National Guard for 604 acres of this land. NASA currently controls approximately 6,400 acres. The details of land transactions are listed in the site management plan (International Consultants Incorporated, 1995).

R2BG is located in the northwestern portion of PBOW, approximately 400 feet south of Reservoir No. 2 at the former Plum Brook Station ball field between Ransom Road and Campbell Road (Figures 1-2 and 1-3). R2BG was used as a burning ground for production process wastes. It is not known when the site was first used for burning; however, a 1950 aerial photograph clearly shows the site to be in existence, and there is documentation showing ongoing operations up to 1962 (Jacobs, 2006). Site restoration was performed in 1963, when the area was cleared of debris and the ground restored to proper grade. The R2BG site was used temporarily as a baseball field by NASA and is currently a grass-covered open field with young hardwood trees and brush surrounding the area.

The burn layer at R2BG covers an area of approximately 17,000 square feet (ft^2), or approximately 0.4 acre (Jacobs, 2006). The burn layer area covers much of the southeastern portion of the existing open field and extends approximately 20 to 30 feet into the wooded area south of the clearing. The burn layer is on average 1 foot below ground surface (bgs) and 1 foot thick. The overall study area, including the areas outside of the burn layer, comprises approximately 4 acres.

Soil at R2BG consists of clay or silty clay with a fairly continuous layer of silt and clayey silt near the surface. The clay content of this silt layer varies with location and with depth and is generally marked by gradational changes downward from silt to clay.

The only surface water feature within the R2BG site is a drainage ditch that runs east to west and forms the north edge of the site. The drainage ditch is located 200 to 300 feet north of the former burn area and drains to the west across the site, then northwest to Pipe Creek. A less pronounced drainage ditch runs south to north along the eastern side of the service road and discharges into the main drainage ditch north of the site. These ditches are wet-weather conveyances and contain water only during substantial precipitation events.

Groundwater at R2BG includes both shallow overburden and the Delaware Limestone bedrock aquifers. Groundwater flows from the site in a southeastern direction. The bedrock aquifer at

R2BG has very low potential for contaminant transport, based on the low porosity observed from the rock cores and the extremely low permeability observed during development.

1.3 Summary of Previous Investigations

A preliminary site assessment in 1991 identified the existence of the burn area near Reservoir No. 2. A site investigation (SI) conducted in 1996 included a geophysical survey and sampling of surface and subsurface soil from borings and trench excavations. The SI found concentrations of nitroaromatic compounds (NAC), polynuclear aromatic hydrocarbons (PAH), polychlorinated biphenyls (PCB), and metals in soil at concentrations above EPA Region 3 risk-based criteria.

In 2004 and 2005, RI activities were performed, yielding 65 surface and subsurface soil samples for screening analysis of the full analytical suite (volatile organic compounds [VOC], PAHs, PCBs, nitroaromatics, metals, polychlorinated dibenzodioxin/furans [PCDD/F], and lead) at R2BG (Figure 1-4). Note that laboratory analysis of pentolite, a mixture of 50 percent TNT and 50 percent PETN, was not specifically performed for R2BG media for several reasons. First, pentolite was manufactured at a separate portion of PBOW, in the vicinity of the current NASA Reactor Building. This operation had its own waste lagoons, which were filled to grade in the late 1950's (USACE, 2001); there is no record that sediments in these lagoons were excavated and burned off site prior to filling of the lagoons. Even if sediments from the pentolite waste lagoons had been brought to R2BG, measurable concentrations of PETN would not be expected at the R2BG for various reasons. First, far more TNT was manufactured at the PBOW facility than pentolite. Thus, given the facts that pentolite is 50 percent TNT and that far more TNT waste materials than PETN waste materials were produced by the former PBOW operations, the concentration of PETN relative to TNT at R2BG at the time of disposal (and no information suggests that pentolite waste was disposed of at R2BG) would have been relatively minimal. Also, PETN has a very short half life in soil, 0.45 to 2.4 days (Jenkins, et al., 2003); thus, after 65 years, the concentration of PETN is expected to be nil, even if pentolite-contaminated materials had been disposed of at R2BG.

In addition, one round of groundwater sampling was performed in 2004, yielding three groundwater samples, and three sediment samples were collected. The screening samples, analytical methods, and sample results are presented in Chapter 3.0 of the RI findings (Jacobs, 2006).

In the fall of 2010, additional surface soil sampling was performed to fill in data gaps identified from the 2006 RI findings (Jacobs, 2006). Forty-four surface soil samples were collected for

screening analysis of PAHs, PCBs, nitroaromatics, and PCDD/Fs (Figure 1-4). The sample results are presented in Appendix A.

In 2004 and 2005, trenching was performed to delineate the boundary of the burn area by collecting discrete samples of the burn layer material. Preliminary excavations were performed prior to investigation activities to define the approximate burn area boundary. Six confirmatory trenches were excavated to define the burn area. Fifteen soil samples were collected during trenching: 10 from the burn layer material, 3 from the soil beneath the burn layer, and 2 from the soil outside of the burn layer. Twenty-six soil borings were completed for characterization of the overburden along with collection of 26 surface soil samples and 24 subsurface soil samples. The subsurface soil samples were collected from the 3 to 5 and 8 to 10 feet bgs intervals.

Three bedrock wells were installed for determination of bedrock aquifer depth and gradient along with collection of groundwater samples to evaluate impacts from the burning ground. Due to slow recharge and limited water volumes, only one round of groundwater samples was collected.

Sediment samples were collected from the drainage ditch north of the site. Although temporary overburden piezometers were installed in the overburden/shale, no overburden monitoring wells were installed due to the lack of sufficient permeable material. As mentioned in Section 1.2, the ditch is a wet-weather conveyance and does not typically contain water. Because no surface water was present during the RI sampling event, no surface water samples were collected.

Forty-four additional surface soil samples were collected in the fall of 2010 from 22 existing locations and 12 new locations to delineate the nature and extent of contamination in surface soil at the site. Twenty-eight surface soil samples were collected from the existing locations, and 16 surface soil samples were collected from the new locations outside the burn layer boundary. The sample depth ranged from 0.0 to 0.1 foot bgs.

1.4 Nature and Extent of Contamination

The following sections discuss the findings at R2BG. All soil analytical results are presented on Figures 1-5, 1-6, and 1-7.

1.4.1 Soil

Based on the 2004 and 2005 RI activities, contaminants in soil exceed the EPA Region 9 residential preliminary remediation goals (PRG) and exceed established background values for inorganics. Note that the PRGs were adjusted to reflect a noncancer hazard quotient (HQ) of 0.1

and incremental lifetime cancer risk (ILCR) of 1E-6. These exceedances were primarily limited to surface soil and the burn layer material (Jacobs, 2006). The contaminants exceeding the screening criteria include PCDD/Fs, PCBs, explosives, PAHs, and metals.

Soil within the burn layer footprint (i.e., "burn area") represents the most contaminated area at the site. Inside the burn area, the soil can be categorized as surface soil (0 to 1 foot bgs), burn layer soil (approximately 1 to 2 feet bgs), and subsurface soil (below 2 feet bgs). The seven surface soil samples from inside of the burn area contained multiple contaminants exceeding the PRGs (Figure 1-5). A total of 10 samples were collected from within the burn layer: 5 were analyzed for full suite analyses and 5 were analyzed for PCDD/Fs only. All five of the samples collected from burn layer material and analyzed for the full analytical suite contained multiple contaminants exceeding the PRGs. All of the five burn area samples analyzed only for PCDD/Fs exceeded the PRG for 2,3,7,8-tetrachloro-p-dibenzodioxin (TCDD) toxicity equivalency (TEQ). The highest concentrations of explosives and lead at the site were found in the burn layer material, which were two to three orders of magnitude higher than the PRGs for all samples. The burn layer material sampled from trenches TRO8 and TR09 is composed of 3.6 and 4.5 percent explosives, respectively. Of the 17 subsurface soil samples collected from within the burn area, 6 had exceedances of PRGs, and 3 of those exceeded PRGs for one or more nitroaromatics (Jacobs, 2006).

Surface soil contamination outside of the burn area is not as pervasive (Figure 1-6). Of the 42 samples collected outside of the burn area (prior to 2010), 25 contained one or more contaminants exceeding PRGs (Jacobs, 2010a). Note that only three of these surface soil samples collected from outside the burn area prior to 2010 were analyzed for PCDD/Fs. Of the 19 subsurface soil samples collected outside of the burn area, only 8 had concentrations that exceeded PRGs, and none of those exceedances were organic compounds (Jacobs, 2006; 2010a).

Concentrations of organic compounds in subsurface soil are generally several orders of magnitude lower than concentrations in surface soil and are less than the PRGs. PCBs were not detected in any of the subsurface soil samples, and no organics were detected at concentrations exceeding the PRGs in subsurface soil outside of the burn area. Explosives were detected in the subsurface soil beneath the burn layer at six of the seven locations, but at levels considerably lower than those in the burn layer soil or surface soil within the burn area. Based on the data, downward migration of contaminants is minimal.

Additional surface soil samples were collected in the fall of 2010 to better delineate contamination outside the burn layer boundary. A total of 28 surface soil samples were collected

from 22 previously sampled locations and analyzed only for PCDD/Fs. The remaining 16 samples were collected from 12 newly sampled locations and were analyzed for explosives, PAHs, PCBs, and PCDD/Fs. All samples collected during the 2010 sampling event and analyzed for PCDD/Fs had detections for PCDD/Fs. Additional PCDD/Fs besides 2,3,7,8-TCDD were detected but are not listed because no PRG values were available. Of the 44 additional surface soil samples collected outside the burn area, 26 exhibited chemicals of concern (COC) (explosives, PCBs, and PCDD/Fs).

1.4.2 Sediment

Contaminants in sediment exceeding the EPA Region 9 residential PRGs are limited to PAHs. Other contaminants detected in the sediment include PCDD/Fs and VOCs. Organic concentrations are significantly higher at the sampling location upstream of the site, adjacent to the service road, suggesting that contaminants are related to a source other than the burning ground (see discussion of sediment in the risk summary [Section 1.5.1]). PCBs and explosives, which are the primary contaminants associated with the burning ground, were not detected in the sediments.

1.4.3 Groundwater

The bedrock aquifer at R2BG has very low potential for contaminant transport, based on the low porosity observed from the rock cores and the extremely low permeability observed during development. Contaminants exceeding the EPA Region 9 residential PRGs and established background values for inorganics include PAHs, metals, and VOCs. The organic contaminants are believed to be related to naturally occurring petroleum in the Delaware Limestone, which has been observed throughout PBOW.

1.5 Summary of Risk Assessments

Risks associated with exposure to contaminants in R2BG environmental media were evaluated for both human health and ecological receptors. Human health risks were evaluated in the BHHRA (Jacobs, 2010a), and ecological risks were evaluated in the SLERA (Jacobs, 2010b). Summaries of the BHHRA and SLERA results are presented in Sections 1.5.1 and 1.5.2, respectively.

1.5.1 Summary of Human Health Risks

Human health risks were evaluated for potential current and future human receptors that may have contact with soils, sediment, and/or groundwater associated with R2BG**.** Risks were evaluated separately for soils inside the burn area and soils outside the burn area because soil inside the burn area was anticipated to have appreciably greater concentrations of contaminants

and, hence, appreciably greater potential human health risks than soil outside the burn area. Sediment is present in drainage ditches located outside of the burn area; no sediment is present within the burn area. Therefore, exposure to sediment was evaluated only for receptors outside of the burn area. The drainage ditch represents a wet-weather conveyance and only contains water after precipitation events. No surface water typically is present in this ditch or elsewhere at R2BG.

Risks associated with bedrock groundwater were evaluated in the BHHRA (Jacobs, 2010a), even though the site characterization report (Jacobs, 2006) stated that the groundwater data would be used only for qualitative purposes because the data was considered to be of insufficient quality to support risk assessment**.** The data quality was considered insufficient for risk assessment because the monitoring wells yielded too little water to collect using low-flow sampling and samples had to be collected via bailer (Jacobs, 2006). The bailer method produces samples with high suspended particulates, resulting in elevated levels of turbidity and metals content. Therefore, groundwater exposure concentrations used in the BHHRA are highly uncertain due to data quality, and the groundwater exposure pathway is regarded as implausible because of low water yield from the formation underlying R2BG.

The following receptors and media were evaluated for risk in the BHHRA:

- Current groundskeeper (surface soil)
- Current construction worker (surface soil, subsurface soil, and sediment)
- Current hunter (surface soil [including the venison ingestion pathway])
- Current hunter's child (surface soil [venison ingestion pathway only])
- Future adult and child resident (surface soil, subsurface soil, sediment, and groundwater)
- Future indoor worker (surface soil and groundwater).

Note that for the resident and construction worker, both the surface soil and subsurface soil were evaluated for risks in the BHHRA by assuming that 100 percent of site soil to which the receptor would be exposed is surface soil, and then separately assuming that 100 percent of the soil to which the receptor would be exposed is subsurface soil. Under a future residential development or construction scenario, it is likely that soil would be excavated and that site receptors would be exposed to a mixture of surface and subsurface soil. Thus, the approach used in the BHHRA results in estimates of surface and subsurface soil exposure that are biased high.

The summed cancer risks and noncancer hazards to the various receptors are shown in Table 1-1. The ILCR values for each exposure medium and each receptor are compared to the EPA (1990) National Oil and Hazardous Substances Pollution Contingency Plan (NCP) acceptable cancer risk range of 1E-6 to 1E-4 (i.e., an increase in the cancer rate ranging between 1 per 1,000,000 to 1 per 10,000 among exposed individuals). This cancer risk range is referred to hereinafter as the "NCP risk management range." The ILCR results are also compared to the PBOW cancer risk goal of 1E-5, which represents the logarithmic midpoint of the NCP risk management range. This 1E-5 ILCR level has been used as a goal for remediation at other PBOW sites. Note that the Ohio Environmental Protection Agency (OEPA) (2009) recognizes 1E-5 as a cancer risk goal, whereas the Army recognizes the NCP range as 1E-6 to 1E-4.

Noncancer hazards are quantified using chemical-specific hazard quotients which are summed to derive a hazard index (HI). HI values are compared to a target HI of 1. This represents a level at or below adverse noncancer effects which are regarded as unlikely for any individual exposed under the receptor scenario. Where an HI exceeds a value of 1, it may be appropriate to segregate the HQ values by the target organs affected for each chemical of potential concern quantitatively evaluated in the BHHRA. If a target organ-specific HI exceeds a value of 1, then the noncancer hazard cannot be regarded as unlikely.

COCs are identified for those receptors which have a total ILCR that exceeds 1E-5 or a total HI of 1. Because of uncertainties associated with toxicity values and exposure assumptions, the total ILCR and HI values are rounded to the one significant figure; for total HI values greater than 10, the total HI is rounded to the nearest whole number.

As previously mentioned, the risks and hazards associated with R2BG groundwater are regarded as implausible because exposure is unlikely due to low yield of the bedrock aquifer. In addition, the data quality of the samples is low due to high turbidity associated with the bailer sampling method, which had to be used due to low water yield. The risk-driving chemicals in R2BG groundwater appear to be naturally occurring metals (i.e., arsenic, iron, and thallium) and naturally occurring petroleum-related organic chemicals (i.e., benzene) that are not associated with former PBOW activities. Naturally occurring petroleum hydrocarbons have been observed at depth from the cores of numerous PBOW bedrock wells, including R2BG-BEDGW-002 (37.75 to 39.0 feet bgs; 67.0 to 71.5 feet bgs) (Jacobs, 2006). As reported in the R2BG BHHRA, the groundwater risks (ILCR of 2E-3 for workers; 8E-3 for residents) exceeded the PBOW cancer risk goal for each receptor evaluated. Similarly, the noncancer hazards associated with R2BG groundwater exposure (HI values ranging from 15 to 101) exceeded the HI goal (1) for

each receptor evaluated. Because exposure is regarded as implausible and because the risk drivers are not related to former site activities, risks associated with groundwater are not further discussed in this section.

Summaries of the BHHRA results are presented in Tables 1-1 and 1-2. The following receptors have total ILCR or HI values for inside of the burn area, as reported in the BHHRA, that exceed respective values of 1E-5 or 1. The values shown in parentheses do not include the contributions from groundwater, as explained in the preceding paragraph.

- Current groundskeeper (surface soil ILCR=8E-5, HI =12)
- Current construction worker (surface soil HI=33; subsurface soil ILCR=2E-5, HI=154)
- Future resident (surface soil ILCR=3E-4, child HI=140, adult HI=15; subsurface soil ILCR=4E-3, child HI=651, adult HI=70)
- Future indoor worker (surface soil HI=6).

The following receptors have total ILCR or HI values for outside of the burn area, as reported in the BHHRA, that exceed respective values of 1E-5 or 1.

- Current groundskeeper (surface soil ILCR=3E-5)
- Current construction worker (surface soil HI=3)
- Future resident (surface soil ILCR=1E-4, child HI=15, adult HI=2; subsurface soil ILCR=8E-5, child HI=5).

The only chemical detected in sediment that elicited an ILCR greater than 1E-6 for the resident was benzo(a)pyrene (1.6E-6 in resident child; 1.2E-6 in resident adult). These marginal risks are associated with the maximum detected concentration (MDC) in sediment located within the small drainage ditch immediately adjacent to the Reservoir No. 2 road. Because benzo(a)pyrene is not a soil COC, it is assumed that the MDC of benzo(a)pyrene in this ditch has leached from the asphalt comprising the road and may also be associated with runoff from vehicle traffic.

It is noted that for subsurface soil outside of the burn area, 100 percent of the ILCR is associated with arsenic, and approximately 60 percent of the total HI is associated with arsenic and iron. For both arsenic and iron, only the MDCs exceeded the respective background screening criteria. In each case, the MDC was reported in a sample collected from location BH10 at a depth of 8 to 10 feet bgs. The analytical results for this sample (Jacobs, 2006) were qualified as estimated due to

matrix interference. Therefore, arsenic and iron are interpreted to be present in outside-the-burn-area subsurface soil at concentrations not exceeding background. The MDC values for each of the other outside-the-burn-area inorganics (except thallium) were detected in this sample, generally at concentrations several times to more than an order of magnitude greater than the next highest concentration (refer to Table 4-18 of Jacobs [2006]). It is also noted that arsenic, iron, and the other metals were not identified as COCs in the burn area soil or in outside-the-burn-area surface soil; this provides further evidence that the arsenic and iron (and other inorganics) at the concentrations reported in the BH10 sample from 8 to 10 feet bgs are not related to former site activities, but instead are laboratory artifacts. Therefore, no unacceptable risks or hazards are truly associated with subsurface soil outside the burn area, and no COCs are specific to this subsurface soil. Please note that, as described in Chapter 4.0, remedial alternatives have been developed to clean up COCs outside of the burn area, and the effectiveness of the cleanup will be confirmed through post-excavation sampling, including those from the bottom of the excavations. This will ensure that post-remediation subsurface soil (and surface soil) will not pose an unacceptable risk or hazard.

Because the area surrounding PBOW is agricultural and residential and because other PBOW sites have been remediated based on unrestricted land use, COCs have been identified for surface and subsurface soil based on residential exposure. Thus, the residential COCs identified based only on the BHHRA are as follows:

- Inside the burn area surface soil: 2,3,7,8-TCDD TEQ, Aroclor 1260, and lead
- Inside the burn area subsurface soil: DNT, TNT, TCDD TEQ, Aroclor 1254, Aroclor 1260, and lead
- Outside the burn area surface soil: DNTs, TNT, and Aroclor 1260.

Subsequent to the RI and BHHRA evaluation, additional samples were collected outside of the burn area in October 2010 to better delineate contamination, especially with respect to TCDD TEQ, as PCDD/F analyses had previously been performed on only three samples outside of the burn area. A sample-by-sample risk calculation was performed as described in Appendix B to delineate the areas outside of the burn area which require remediation to meet the PBOW cancer risk goal of 1E-5. The ILCR results of this evaluation are depicted on Figure 1-8. Exceedances of the 1E-5 cancer risk goal are shown in red. Based on the risk evaluation results of the 2010 sampling locations, TCDD TEQ was found to contribute appreciably to an unacceptably high risk in several samples collected from locations outside of the burn area (see Appendix B). Note that not all samples were analyzed for PCDD/Fs. The goal of this post-RI sampling effort was to

delineate the contamination outside of the burn area and not to quantify risks. Contamination inside of the burn area was found to be associated with the burn layer that was adequately delineated during the RI. Therefore, neither additional sampling nor sample-by-sample risk calculations were necessary for soil inside of the burn area.

The COCs identified for this FS are those found on the full list for the burn area surface soil, the burn area subsurface soil, and the surface soil outside the burn area. COCs include the following constituents:

- 2,4-DNT
- 2,6-DNT
- TNT
- TCDD TEQ
- Aroclor 1254
- Aroclor 1260
- Lead.

The remedial goals (RG) for the seven COCs are presented in Section 2.2. Each of these COCs was found within the burn area, which is regarded as the source area for all R2BG contamination. Even though the BHHRA evaluated subsurface soil separately from surface soil, and soil within the burn area separately from soil outside of the burn area, the same RGs apply to the six organic COCs for all of R2BG (including both surface and subsurface soil). Lead is a COC for inside the burn area only. The evaluation of adverse health effects associated with lead is modeled based on the average lead concentration within an area. Average soil lead concentrations less than 400 milligrams per kilogram (mg/kg) are generally considered acceptable if an individual exposed to these concentrations is not exposed to any other elevated source of lead (EPA, 1998a). The average concentrations of lead in R2BG surface soil (486 mg/kg) and subsurface soil (757 mg/kg) within the burn area exceed this criterion, thus identifying it as an inside-the-burn-area COC. The average concentrations of lead in surface soil (184 mg/kg) and subsurface soil (21.2 mg/kg) outside of the burn area are substantially less than the 400 mg/kg criterion. Therefore, lead is not identified as a COC in soil outside the burn area. However, soil outside of the burn area may be hazardous with respect to lead based on the toxicity characteristic associated with leaching (see Section 2.3.1).

As a COC, TCDD TEQ presents a special case where the carcinogenicity of a mixture of 17 individual PCDD/F compounds in soil is first evaluated based on the relative concentration of each individual compound multiplied by its TCDD TEQ factor to derive the concentration of TCDD TEQ represented by that chemical (EPA, 2010a; Van den Berg, et al., 2006). The

summed TCDD TEQ concentrations for all 17 pertinent PCDD/Fs in a sample represents the total concentration of TCDD TEQ for that sample. The implementation of the RG for total TCDD TEQ is presented in Section 2.2.

1.5.2 Summary of Ecological Risks

A SLERA was performed as part of the RI for R2BG, evaluating exposure to contaminants within and outside of the burn area separately (Jacobs, 2010b). This SLERA included the following steps: problem formulation, exposure characterization, ecological effects characterization, and risk characterization. As part of the problem formulation step, the seven species listed below were identified as assessment receptors to represent a variety of avian and mammalian receptor types and functions.

- Deer mouse (*Peromyscus maniculatus*, small omnivorous mammal)
- Short-tailed shrew (*Blarina brevicauda*, small insectivorous mammal)
- Eastern cottontail rabbit (*Sylvillagus floridanus*, medium-sized herbivorous mammal)
- Marsh wren (*Cistothorus palustrus*, small insectivorous bird)
- White-tailed deer (*Odocoileus virginianus*, large herbivorous mammal)
- Raccoon (*Procyon lotor*, medium-sized omnivorous mammal)
- Red-tailed hawk (*Buteo jamaicensis*, large carnivorous bird).

No federal threatened or endangered species have been observed on site, but the marsh wren was selected as a surrogate species for the sedge wren (*Cistothorus platensis*), an Ohio endangered species. A predictive risk estimate was performed using the seven assessment species for exposure to R2BG soil inside and outside of the burn area. Ecological hazard quotient (EHQ) values were calculated for each chemical of potential ecological concern and each assessment receptor.

Results of this assessment indicate that several contaminants associated with former site operations may potentially have adverse impacts on ecological receptors exposed to site soils. EHQ values that exceed 10 are regarded as having a significant potential for adverse effects, and EHQ values that exceed 100 are regarded as having the highest potential for ecological effects (Wentsel, et al., 1996).

Within the burn area, EHQ values exceeding 10 were observed for 2,4-DNT (shrew, deer, wren, mouse, rabbit, hawk, and raccoon), 2,6-DNT (shrew, wren, mouse, rabbit, and raccoon), TCDD TEQ (shrew, mouse, and raccoon), acenaphthene (shrew, mouse, and raccoon), naphthalene (shrew, mouse, and raccoon), and TNT (shrew, wren, mouse, rabbit, and raccoon). EHQ values within the burn area were as high as 19,000 (2,4-DNT in the mouse) (Table 1-3). EHQ values

outside of the burn area were significantly lower, with only 2,4-DNT (shrew, mouse, rabbit, and raccoon), 2,6-DNT (shrew, mouse, and rabbit), and TNT (shrew, wren, mouse, rabbit, and raccoon) having EHQ values above 10. The highest ecological EHQ value for outside the burn area was 420 (TNT in the wren) (Table 1-3).

It is important to note that EHQs are not risk measures and therefore, by themselves, cannot justify either a removal action or a remedial action. In the SLERA, remediation based solely on ecological risk was not recommended, due to uncertainties of toxicity and the relatively small size of the site, especially the burn area (approximately 0.4 acre). Also, no rare, threatened, or endangered animal or plant species have been confirmed at the site. Additional ecological risk assessment study would be required to document and/or provide compelling weight of evidence for realistic measures of ecological risk that might warrant removal or remedial actions at the sites based solely on ecological concerns. As mentioned in Section 1.5.1 and described in Chapter 2.0, remediation of the site is based on potential human health risks. Therefore, an evaluation of the protectiveness to ecological receptors based on human health-based RGs was performed (Section 2.2.2), which indicated that further study or remediation on the basis of ecological concerns alone is unwarranted.

2.0 Identification of Remedial Action Objectives

2.1 Introduction

This chapter identifies the remedial action objectives (RAO) for R2BG, provides remediation volume estimates based on the RAOs and analytical results, and identifies applicable or relevant and appropriate requirements (ARAR) associated with the chemicals, environmental media, and potential actions associated with the remediation of site materials. RAOs are cleanup objectives that are developed during the focused feasibility study (FFS) and finalized in the record of decision to protect human health and the environment. They consist of medium-specific goals for protecting human health and the environment. RAOs provide the basis for the identification, detailed analysis, and selection of remedial alternatives.

RAOs developed for the protection of human health and the environment specify the following:

- COCs to be addressed
- Relevant exposure routes and receptors
- Chemical concentration limits specific to COCs, environmental media, and specific locations at the site, referred to as RGs.

The RAO for R2BG is:

- Prevention of human exposure via any exposure route (ingestion, inhalation, or dermal contact) to site soil containing the COCs at concentrations that exceed R2BG RGs.

Section 2.2 presents and describes the derivation of RGs and their implications for residual ecological hazards. Section 2.3 identifies remedial ARARs associated with potential remediation activities. The RGs are used in risk calculations to provide estimations of the area and volume of contaminated media in Section 2.4.

2.2 Remedial Goals

RGs are selected to address human health concerns and may be based on chemical- and medium-specific ARARs, “to be considered” (TBC) criteria, and risk-based criteria. These terms are briefly described below:

- Chemical- specific ARARs – Enforceable requirements for specific chemical concentrations.

- TBCs – Nonenforceable guidance or advisories that can assist in setting risk-based standards.

- Risk-based criteria – Risk-based criteria are derived using exposure and toxicity assessment methodology. These criteria provide important standards relating contaminant concentrations to specific risk levels. Risk-based criteria are chemical-specific, receptor-specific, medium-specific concentrations.

RGs were developed for each COC in R2BG soil. The derivation of RGs is described in Section 2.2.1.

2.2.1 Development of Remedial Goals

The first step of RG development was to perform a comprehensive search for any chemical-specific ARARs for COCs in soil. No chemical-specific ARARs were found. Therefore, the R2BG RGs were derived from risk-based criteria. Most of the property surrounding the former PBOW facility is rural residential, and other PBOW sites have been remediated to meet residential criteria. Therefore, the risk-based criteria selected for use in deriving RGs are based on residential land use. The EPA (1998a) screening level for lead in residential soil (400 mg/kg) was adopted as the RG for lead in R2BG soils. Use of this value as an RG is based on EPA guidance and use of the Integrated Exposure Uptake Biokinetic (IEUBK) model (EPA, 2010b) as described in the BHHRA (Jacobs, 2010a).

With respect to risk-based criteria, both cancer and noncancer effects must be considered in the derivation of RGs. Each of the six organic COCs has known carcinogenic effects and EPA-verified cancer slope factors. The three nitroaromatic COCs (2,4-DNT, 2,6-DNT, and TNT) and Aroclor 1254 have known noncancer effects and verified or provisional reference doses.

The RGs were derived based on a cumulative target cancer risk level of 1E-5 and a cumulative HI of 1. The ILCR of 1E-5 represents the logarithmic midpoint of the NCP acceptable cancer risk range (1E-6 to 1E-4) and is the cancer risk goal used for other PBOW sites. An HI of 1 represents a level of exposure at which adverse health effects are unlikely for all receptors.

With few exceptions, the cancer risks associated with all carcinogens are regarded as additive. Therefore, the ILCR goal for PBOW (1E-5) must be apportioned to the various carcinogenic COCs to account for their additivity. Noncancer effects of different COCs are generally assumed to be additive only if their respective critical effects have the same target organ. The noncancer effects of the two DNTs (neurotoxicity, biliary tract, and blood) are regarded as additive with

respect to each other but are not additive with respect to TNT (liver) or Aroclor 1254 (eye and immune system).

The cancer effects for the exposure point concentrations (EPC) of DNTs (combined ILCR of 2E-3) derived in the BHHRA (Jacobs, 2010a) exceed the PBOW ILCR goal (1E-5) by a factor of 200, whereas the noncancer effects for combined DNTs of the EPCs (HQ = 14) exceed the PBOW noncancer target HI by a factor of only 14. Therefore, cancer effects are clearly the risk-driving effects for 2,4-DNT and 2,6-DNT. Please note that the EPC was derived statistically for each COPC as the 95th percent upper confidence limit on the arithmetic mean concentration.

The ILCR for TNT at the EPC in the BHHRA (1E-3) exceeds the PBOW ILCR (1E-5) by a factor of approximately 100, whereas the noncancer HQ (634) at the TNT EPC derived in the BHHRA exceeds the PBOW noncancer HI goal by a factor of 634. This means that the noncancer effects of TNT more heavily influence human health risks than do its cancer effects, although the magnitude of the difference of noncancer versus cancer impact (with respect to the risk-based criteria [HI=1 and ILCR=1E-5]) is not as great for the respective TNT effects as it is for the DNT isomers. Therefore, it is necessary to consider whether the contribution of TNT to cancer risk may be appreciable depending on the magnitude of the TNT RG that is selected based on noncancer effects.

For the R2BG FS, the risk-based criteria were derived based on EPA (2010a) residential soil regional screening levels (RSL). RSLs are chemical-specific values based on an ILCR of 1.0E-6 and an HQ of 1.0. These RSLs are based on residential exposure assumptions and EPA slope factor (cancer) and reference dose (noncancer) toxicity values. An RG for combined PCBs (Aroclor 1254 and 1260) of 1 mg/kg was selected for R2BG soil. This value was selected for R2BG because it is the value used previously for other PBOW sites, and it equals the noncancer RSL (when rounded) for Aroclor 1254 (1.1 mg/kg). This RG (1 mg/kg) also represents a residential soil ILCR of 4.5E-6, based on the cancer-based residential soil RSL for Aroclor 1260 and 1254 (0.22 mg/kg).

Table 2-1 shows the cancer-based RSL values for TCDD TEQ (4.5 nanograms per kilogram), mixed DNT isomers (0.71 mg/kg), and TNT (19 mg/kg). Because each RSL is set at 1E-6, the total ILCR at the RSL values for these three constituents is 3E-6. Therefore, a combination of RG concentrations was derived, based on these RSLs multiplied by a selected factor for each chemical, such that the total ILCR equals the 1E-5 PBOW cancer risk goal, or a factor of 10 times the ILCR on which each RSL is based. Theoretically, each of these three COCs could have been multiplied by a factor of 3.33 to derive a set of RGs with a cumulative ILCR of 1E-5.

However, if the cancer-based RSL for TNT is multiplied by 3.33, then the resultant value will exceed an HQ of 1, even if the HQ is rounded to one significant figure. Therefore, an RG of 38 mg/kg was selected for TNT; this is the cancer-based RSL (19 mg/kg) multiplied by a factor of two. The RG for TCDD TEQ is 18 nanograms per kilogram, which is the RSL multiplied by a factor of four. The RG for mixed DNT isomers is also the RSL multiplied by a factor of four, which equals 2.8 mg/kg, or 1.4 mg/kg for each isomer. Together, residential exposure to soil at the RGs for TCDD TEQ, TNT, and the DNT isomers represents an ILCR of 1.0E-5.

2.2.2 Implications of Remedial Goals for Ecological Receptors

As mentioned in Section 1.5.2, some of the EHQs estimated for R2BG soils in the SLERA were found to be elevated (Jacobs, 2010b). These estimates are associated with a considerable degree of uncertainty and are not, by themselves, appropriately definitive to recommend ecologically based RAOs. However, the SLERA suggests that proposed remediation based on human health-based RGs for R2BG soils be evaluated to verify that the proposed action and RGs are protective of the environment by significantly reducing EHQs. This section integrates the EHQs and the human health RGs to provide a semiquantitative assessment of the reduction in potential ecological hazard that would result from remedial actions based primarily on human health risks.

Table 2-2 presents estimated residual ecological hazards for chemicals found to be ecological risk drivers for at least one of the receptors evaluated for the respective environmental media. The receptor with the highest EHQ value from the SLERA for each chemical shown is listed in the table. Estimated post-remediation residual EPCs are assumed to be the respective RGs for COCs (identified in Section 1.5.1); for non-COCs, the EPC is assumed to be the highest concentration detected in soil below the upper 2 feet within the burn area. Note that within the burn area, the upper 2 feet of soil will be removed; thus, measured concentrations of contaminants within the upper 2 feet will be eliminated. Outside of the burn area, all of risk drivers are COCs, so the respective EPCs were assumed to be the RGs for this evaluation.

Using the EPCs described in the previous paragraph and the scaled EHQ estimation approach described in the footnotes of Table 2-2, the following reductions in EHQ values were observed for the maximum hazard receptors inside the burn area and those outside of the burn area. Note that the same hazard reduction factors apply to all receptors either inside or outside of the burn area.

- ***Inside of the Burn Area*** – Hazard reduction factors range from a factor of 21 (lead) to 4,984 (2,4-DNT). This means, for instance, that the potential ecological risk for 2,4-DNT, as estimated by the EHQ, is anticipated to be reduced by a factor of

nearly 5,000. Thus, the resultant maximum EHQ values for the R2BG ecological risk drivers range from 1 (napththalene in the wren) to 14 (TNT in the mouse).

- ***Outside of the Burn Area*** – Hazard reduction factors range from a factor of 6 (2,6-DNT) to 16 (2,4-DNT and TNT). The resultant maximum EHQ values for the R2BG ecological risk drivers range from 4 (2,4-DNT and 2,6-DNT in the mouse) to 40 (TNT in the shrew).

The ecological hazard reduction factors for inside the burn area are greater than those for outside the burn area because the original EPCs are greater inside the burn area. Based on these findings, the only ecological risk-driving contaminant with an EHQ greater than 10 is TNT. Note that inside the burn area, this EHQ is only marginally greater than 10. However, even this EHQ value for inside the burn area may be misleadingly high because all soil to a depth of 2 feet will be removed and replaced as clean fill as part of the remedial action. Outside of the burn area, a residual EHQ of 40 is estimated for the shrew based only on the RG. This RG value is likely a substantial overestimate of the true TNT concentration that an ecological receptor would encounter after remediation for the following reasons: 1) the average concentration within the remediated areas is likely to be appreciably less than the RG of 38 mg/kg because the remedial technology employed should meet a criterion much lower than this and/or TNT should be nondetect in the clean fill; and 2) an R2BG receptor would be exposed to a combination of soil within and outside of the remediation area (Figure 2-1; see Section 2.4). To this end, note that only one sample outside of the remediation area (BH15) exhibited a TNT concentration greater than 2.9 mg/kg (average of BH15 duplicates was 30.7 mg/kg), and most of the samples outside of the burn area were nondetect for TNT.

In summary, the remedial action(s) employed to meet the human health risk-based RGs will reduce the EPCs and EHQs by estimated factors of 21 to nearly 5,000 inside the burn area and by factors of 6 to 16 outside the burn area. This represents a significant reduction in the potential for ecological hazard among exposed individuals. Further, the estimates of residual EPCs based on RGs (or on maximum concentrations below 2 feet bgs for non-COCs inside the burn area) are likely appreciable overestimates of actual residual concentrations that receptors will encounter once remediation is complete. It should also be noted that ecological risks are evaluated based on population effects rather than on the effects to individuals. Because the remediation areas for R2BG are limited to approximately 1 acre, even if receptors such as the shrew were to encounter TNT at an average concentration equal to the RG, there would be no tangible impact to the population. Thus, reduction of contaminants below the RGs will result in ecological protection as well as protection of human health.

2.3 ARARs Associated with Potential Remediation Activities

ARARs are defined in the NCP (EPA, 1990) as follows:

- "Applicable requirements" means those cleanup standards, standards of control, and other substantive requirements, criteria, or limitations promulgated under federal environmental or state environmental or facility siting laws that specifically address a hazardous substance, pollutant, contaminant, remedial action, location, or other circumstance at a CERCLA site. Only those state standards that identified by a state in a timely manner and are more stringent than federal requirements may be applicable.

- "Relevant and appropriate requirements" means those cleanup standards, standards of control, and other substantive environmental protection requirements, criteria, or limitations promulgated under federal environmental or state environmental or facility siting laws that, while not "applicable" to a hazardous substance, pollutant, contaminant, remedial action, location, or other circumstance at a CERCLA site, address problems or situations sufficiently similar to those encountered at the CERCLA site that their use is well suited to the particular site. Only those state standards that identified by a state in a timely manner and are more stringent than federal requirements may be applicable.

A requirement may fall into one of these categories but not both. There is more discretion in the determination of relevant and appropriate requirements. It is possible that only a specific part or parts of a requirement will be considered relevant and appropriate in a given case. When the analysis results in a determination that a requirement is both relevant and appropriate, compliance with that requirement is mandatory to the same extent as for applicable requirements.

ARARs can be separated into three categories: chemical-specific, action-specific, and location-specific. Table 2-3 presents the ARARs for remedial action at R2BG. For each ARAR, the table lists the applicable regulatory authority, the medium of interest, the regulatory citation, if the requirement is directly applicable or relevant and appropriate, a brief summary of the requirement, and the action that is necessary to comply with the regulation.

There are no chemical specific ARARs for COCs in soil at R2BG. However, EPA toxicity values were used to develop human health risk-based RGs (Section 2.2.1). These toxicity values were used to develop RSLs, from which the RGs were derived as discussed in Section 2.2.1.

No location-specific ARARs were identified for remedial action at R2BG because areas of special significance (e.g., wetlands; sites containing cultural resources; or habitats of endangered, threatened, or rare species) do not exist within the proposed remedial area.

Several action-specific ARARs were identified for remedial actions under consideration. These include the federal hazardous waste regulations, the land disposal restriction (LDR) alternative treatment standards for contaminated soil, the federal Toxic Substances Control Act regulations, and the federal regulations for the use of staging piles. The action-specific ARARs are discussed in more detail in the following sections.

2.3.1 Land Disposal Restrictions

LDRs are applicable in the event that the excavated material is a hazardous waste (40 Code of Federal Regulations [CFR] 268.49) and on-site land disposal is a component of the remedial alternative. For hazardous wastes, the concentrations of underlying hazardous constituents (UHC) must be characterized to determine if the waste will require treatment prior to land disposal. Typically, the concentrations of UHCs in hazardous waste must not exceed the universal treatment standards (UTS) for the material to be land disposed without treatment. However, contaminated soil is a special case under the LDRs. Alternative treatment standards (ATS) have been created for contaminated soil because EPA acknowledges that soil is a more difficult matrix to treat than the process wastes that the UTS were originally created to address. The ATSs for contaminated soil allow the concentrations of UHCs to be up to 10 times the UTS before treatment is required prior to land disposal. Nonmetal UHCs in contaminated soil that exceed the ATS must be treated to achieve a 90 percent reduction in concentration, capped at 10 times the UTSs. For soil contaminated with metals, treatment must achieve a 90 percent reduction in leachable constituent concentrations, measured in toxicity characteristic leaching procedure (TCLP) extract from the treated soil, capped at 10 times the UTS.

Table 2-4 compares the MDC of each COC and other potential UHCs at R2BG to the ATS for contaminated soil. This comparison is used to determine if excavated material may require treatment. The ATS for underlying hazardous constituents equals 10 times the UTS. The UTSs for nonmetals are typically based on total concentration, while the UTSs for metals are typically based on the TCLP. The additional factor of 20 for nonmetals is used to estimate the total concentration in total needed to equal the UTS TCLP value. As shown in Table 2-4, the MDCs of 2,4-DNT, 2,6-DNT, and lead are greater than the applicable ATSs, indicating that treatment may be required for some material excavated at R2BG. The LDRs do not apply to soil that is classified as nonhazardous based on TCLP test results.

2.3.2 Staging Pile Regulations

A staging pile is an accumulation of a solid, nonflowing hazardous remediation waste that is not in a containment building and is used only during remedial operations for temporary storage at a facility. Staging piles are routinely used to temporarily store remediation waste on site while the

excavated soil is characterized and other arrangements are made for disposal. A staging pile is not required if excavated soil is direct loaded onto trucks for disposal. Staging piles may be used during cleanup of R2BG to store excavated soil prior to treatment and/or off-site disposal and treated soil prior to off-site disposal or placement back on site. Staging piles must meet design requirements to prevent or minimize releases of hazardous wastes, hazardous constituents, and cross-media transfers to the environment. Techniques used to comply with the design requirements include liners, covers, and run-on/off controls. Hazardous remediation wastes cannot be left in a staging pile longer than two years. A staging pile located in a previously contaminated area must be closed within 180 days after the operating period expires.

2.4 Area and Volume Estimates of Contaminated Media

Surface and subsurface soil are the only media that require remedial action at R2BG. Figure 2-1 defines the areas requiring remedial action. The table embedded on the figure presents estimates of the remedial areas and volumes. The remedial areas circumscribe those sample locations where the ILCR is above 1E-05 (Figure 1-8). The boundary of the remedial area was defined by locating the midpoint between adjacent samples with an ILCR above 1E-05 and below 1E-05 (rounded to one significant figure). Some judgment was exercised in the demarcation of the boundary, and other interpretations of the remedial area are possible. In particular, the boundaries east and south of the burn area are approximate because there is only one sample within this area (BH09) that can be used to define the boundary. However, for the main portion of the remediation area that is west of the burn area, the delineation for this area appears to be rather well defined and contiguous. Although some of the samples along the perimeter of this area (e.g., BH27, BH33, BH39, and BH56) only marginally exceed the 1E-5 ILCR criterion, each of these locations was found to be within 50 feet of a sample with an associated ILCR of 2E-4 or greater. In addition, not all of these samples were analyzed for PCDD/Fs, indicating that the ILCRs associated with some of these marginal exceedances may be greater than currently estimated. RGs will be used to evaluate post-excavation confirmation samples to determine if additional soil removal is required. The RGs will be compared to average residual soil concentrations to determine if remedial action is complete. The RGs will not be used as not-to-exceed values.

Some rough approximations were made to estimate the remedial area and volume inside the burn area because the depth of sample collection and composition of the analytical program was variable. Further sampling and analysis inside the burn area may be beneficial as part of the remedial design.

Within the burn area, borings BH-17, -18, -19 and -20 were advanced to 10 feet bgs, and only BH-18 had COC concentrations above RGs in subsurface soil (3 to 5 feet bgs). Borings 2BGSO-01, -02 and -03 were advanced to 7 feet bgs. Two of these borings had NAC concentrations above RGs at depth (7 feet), so the vertical extent of NAC contamination in these two borings is unknown. Six trenches were excavated inside the burn area. The maximum sampling depth within three of the trenches (TR06-3, TR07-3, and TR10-3) was 3 to 3.5 feet bgs, just below the burn layer (1 to 2 feet bgs). However, these three subsurface soil samples were analyzed for PCDD/Fs and VOCs only. Burn layer samples in TR06 and TR07 (1 to 2 feet bgs) had NAC concentrations greater than RGs, but NACs were not analyzed in the deeper soil samples. None of the soil samples from trench TR10 were analyzed for NACs. Burn layer samples (1 to 2 feet bgs) in trenches TR05, TR08, and TR09 had NAC concentrations above RGs, but samples below the burn layer were not collected. Therefore, the vertical extent of NAC contamination above RGs in the trenches is unknown.

To be conservative, the inside burn area consolidated (in place) remedial soil volume is assumed to be the entire burn area (17,064 ft^2) to a depth of 8 feet deep (5,056 cubic yards [yd^3]). The entire inside burn area was used in the remedial volume calculation because all sample locations inside the burn area (with the exception of BH20) had concentrations of COCs above RGs in surface soil. An 8-foot depth was assumed because there were samples within the burn area with NAC concentrations above RGs at 7 feet bgs, but none of the borings advanced to 10 feet bgs had COC concentrations greater than RGs in the 8-10 feet sample layer. The 17,064-ft^2 remedial volume may overestimate the volume of contaminated soil requiring remedial action inside the burn area because some samples collected to a depth of 8 feet did not have COC concentrations above RGs, but a conservative estimate of the remedial volume is preferred because USACE will likely base cleanup funding on the volume estimates presented in the FS.

The remedial area outside the burn area was estimated to be 31,566 ft^2. A large number of samples were collected north and west of the burn area, and these areas are reasonably well characterized. As previously mentioned, the only area of considerable uncertainty is the area east and south of the burn area, where only two samples define this remedial area. Detections of COCs above RGs outside the burn area are limited to surface soil only. Therefore, the remedial volume outside the burn area was calculated assuming a uniform depth of 2 feet bgs. Using this approach, the consolidated (in place) remedial volume outside the burn area is estimated to be 2,339 yd^3.

Figure 2-1 and the embedded table also define areas and volumes of soil that are nonhazardous and hazardous for 2,4-DNT and lead. This distinction is important for remedial alternatives that

involve excavation of contaminated soil because it is necessary to determine how excavated soil is managed (e.g., on-site or off-site treatment, disposal as a nonhazardous or hazardous waste, compliance with LDRs). Excavated soil from R2BG with TCLP concentrations in excess of 0.13 milligrams per liter (mg/L) for 2,4-DNT and 5.0 mg/L for lead exhibits the characteristic of toxicity and would be classified as a characteristic hazardous waste.

TCLP data for R2BG soil are not available, but a conservative method of evaluating the hazard potential of soil is the "20 times rule." The "20 times rule" calculates the minimum concentration of a hazardous constituent in a solid sample necessary to fail the TCLP test based on the assumption that 100 percent of the constituent leaches from the sample during the TCLP extraction procedure. The calculation is performed by multiplying the TCLP regulatory level for a constituent by 20, the volume ratio of TCLP extract to sample. The TCLP limit for 2,4-DNT is 0.13 mg/L, so the 20-times limit for 2,4-DNT in soil is 2.6 mg/kg. The TCLP limit for lead is 5.0 mg/L, so the 20-times limit for lead in soil is 100 mg/kg. These pseudo-regulatory limits were compared to the total concentrations of 2,4-DNT and lead in soil to estimate the volume of soil that could potentially be a toxic characteristic hazardous waste. The "20 times rule" will generally overestimate the volume of hazardous soil to the degree that the hazardous constituent is not completely leachable from the soil matrix during the TCLP extraction process. This is particularly true for metals such as lead that can bind to soil.

The total area and consolidated (in place) volumes of remedial soil at the R2BG are 48,612 ft^2 and 7,395 yd^3. The yellow and green areas on Figure 2-1 designate remedial areas that are nonhazardous and hazardous for 2,4-DNT. Yellow areas circumscribe soil samples with 2,4-DNT concentrations less than or equal to 2.6 mg/kg and green areas 2,4-DNT concentrations above 2.6 mg/kg. The volume of soil that is hazardous for 2,4-DNT (6,095 yd^3) includes the inside burn area to a depth of 8 feet bgs (5,056 yd^3) and a portion of the outside burn area to a depth of 2 feet bgs (1,039 yd^3). The cross-hatched area defines the remedial area of soil that would be hazardous for lead (above 100 mg/kg). The volume of soil that is hazardous for lead (3,602 yd^3) includes the inside burn area to a depth of 2 feet bgs (1,263 yd^3) and the outside burn area to a depth of 2 feet bgs (2,339 yd^3).

PCB concentrations in soil are all below 50 mg/kg, so the soil within the remedial volume is not a PCB remediation waste.

2.5 Characterization of Excavated Soil for Disposal

Excavated soil from R2BG would be classified as a hazardous waste if the soil contained a listed waste or a hazardous characteristic. Listed wastes identified in 40 CFR 261.30 originate from

one of three sources: (1) hazardous wastes from nonspecific sources (F-listed wastes); (2) hazardous wastes from specific sources (K-listed wastes); and (3) discarded commercial chemical products or manufacturing chemical intermediates, off-specification commercial chemical products or manufacturing chemical intermediates, container residues, and spill residues. This last category is subdivided into acute toxic wastes (P-listed wastes) and toxic wastes (U-listed wastes).

Excavated contaminated soil from R2BG would not be a Resource Conservation and Recovery Act (RCRA)-listed hazardous waste. The contaminated soil would not fulfill the criteria for the F-, K-, or P-listed waste categories. U-listed wastes include contaminated soil resulting from the cleanup of a spill into or on land of any commercial chemical product or manufacturing chemical intermediate or off-specification commercial chemical product or manufacturing chemical intermediate having a generic name listed in 40 CFR 261.33(f). While 2,4-DNT (U105) and 2,6-DNT (U106) are listed in the regulation, the past disposal practices at R2BG exempt contaminated soil excavated at the site from the U-listed waste category.

EPA guidance on the management of remediation waste (EPA, 1998b) states that when documentation concerning the source of contamination is not available or inconclusive, the lead agency may assume that the waste (or contaminant) is not a listed RCRA hazardous waste. This approach was first presented in the preamble to the proposed NCP (53 Federal Register [FR] 51444) and confirmed in the preamble to the final NCP (55 FR 8758). The preamble to the proposed NCP states that the lead agency should use available site information, such as manifests, storage records, and vouchers, in an effort to ascertain the source of these contaminants. The lead agency may determine that the waste is not a listed waste due to a unavailable or inconclusive documentation. This approach was also discussed in the preamble to a proposed rule for requirements for management of hazardous contaminated media (HWIR-Media) (61 FR 18805) and expanded to cover dates of waste disposal. In other words, the dates of the historical waste disposal or release would need to be known for the remediation waste to be classified as a listed waste. Specific information of this nature is not available for R2BG soil because the releases at the site occurred many years ago, before the enactment of environmental regulations that required this type of documentation to be maintained.

The phrase “commercial chemical product or manufacturing chemical intermediate” refers to a chemical substance which is manufactured or formulated for commercial or manufacturing use and which consists of the commercially pure grade of the chemical, any technical grades of the chemical that are produced or marketed, and all formulations in which the chemical is the sole active ingredient. It does not, for example, refer to material such as a manufacturing process

waste that contains the substances listed in the regulation. A manufacturing process waste containing a substance listed in 40 CFR 261.33(e) or (f) is a listed hazardous waste only if it is specifically identified as an F- or K-listed waste. The R2BG site history states that the site was used as a burning ground for production process wastes (Jacobs, 2006). Therefore, the U105 and U106 listed waste categories would not apply to contaminated soil excavated from the site. Although lead is a COC at R2BG, it is not a K046 listed waste. A K046 waste is wastewater treatment sludge generated from the manufacturing, formulating, and loading of lead-based initiating compounds. There are no historical records documenting these types of activities at PBOW or that K046 waste was placed at R2BG. In summary, soil excavated from the site would not be a listed waste because it does not satisfy any of the criteria in the regulations for a listed waste.

Contaminated soil from R2BG would be a characteristic hazardous waste if it exhibited the characteristic of toxicity, corrosivity, reactivity or ignitability. The corrosive characteristic in the RCRA regulations (40 CFR 261.22) applies to liquids only, so contaminated soil cannot be a corrosive characteristic waste. This exclusion also applies to treated soil that has an elevated pH due to the type of treatment process used (e.g., alkaline hydrolysis). The contaminated soil does not contain any constituent that would cause it to be a reactive waste, and the detected concentrations of TNT in soil are not high enough to make the soil an ignitable waste. The contaminated soil would exhibit the toxic characteristic only if it contained leachable concentrations of regulated constituents in excess of the TCLP limit. 2,4-DNT and lead are the only COCs in soil that are on the TCLP list. The TCLP limit for 2,4-DNT and lead are 0.13 and 5.0 mg/L, respectively. Soil with leachable concentrations above these limits contains a characteristic hazardous waste and must be managed accordingly.

3.0 Screening of Remedial Action Technologies

3.1 Introduction

This section discusses the screening of the technologies and process options used to assemble the remedial alternatives for soil and sediment at R2BG. The steps involved in this screening are defined in *Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA* (EPA, 1988) and include:

- Identifying volumes or areas of contaminated media to which remedial actions might be applied, taking into account the RAOs and the chemical and physical characteristics of the site (Section 2.4)
- Identifying and screening technology process options to eliminate those that cannot be implemented at the site (Section 3.2)
- Assembling the representative technology process options into alternatives representing a range of treatment and disposal combinations, as appropriate (Chapter 4.0).

3.2 Screening of Technology Process Options

Technology process options were chosen to represent a wide array of possible technologies that could be used in site remediation, such as bioremediation, physical process options, chemical process options, and institutional controls. In the following subsections, the technologies will be evaluated for their effectiveness in achieving RAOs, their implementability, and their relative cost. The most feasible technology options will be assembled into remedial alternatives in Chapter 4.0.

3.2.1 Capping

3.2.1.1 Effectiveness

A cap is an engineered structure placed over contaminated soils to serve as a barrier to human and ecological receptors that may be exposed to the underlying soil. A cap constructed with low-permeability materials also reduces the infiltration of precipitation through contaminated soils, thereby limiting the transport of contaminants to groundwater, provided that the contaminated soil is above the water table. A cap constructed over contaminated soils at the R2BG would prevent exposure to contaminated soil and prevent migration of leachable contaminants to groundwater.

3.2.1.2 Implementability

A cap is readily implementable at the R2BG, although the cap would restrict the land use at the site and institutional controls would be required to prevent actions that would compromise the structural integrity of the cover or result in exposure to contaminated soil. USACE intends to release the site for unrestricted use. The land surrounding PBOW is predominantly used for residential and agricultural purposes.

3.2.1.3 Cost

The capital cost to construct the cap would be moderate. The operation and maintenance (O&M) costs are also expected to be moderate.

3.2.1.4 Summary

Capping would be effective and implementable at the R2BG. However, its implementation is not consistent with the intended future use of the site or the current land use of property surrounding PBOW. Therefore, capping will be not retained for inclusion in a remedial alternative.

3.2.2 Excavation

3.2.2.1 Effectiveness

This process could achieve the RAOs for soil by removing the source of contamination. The excavation of contaminated materials would eliminate the contamination at the site, but it does not address the final disposition of the excavated material. Therefore, excavation must be coupled with a treatment and/or disposal technology to meet the RAOs.

3.2.2.2 Implementability

Excavation of contaminated material is administratively and technically implementable at this site. Contaminated soil requiring remedial action does not extend more than 8 feet bgs, and conventional earthmoving equipment could be used to remove the soil.

3.2.2.3 Cost

The capital costs associated with this option would be low. There are no O&M costs associated with this option.

3.2.2.4 Summary

Excavation would be effective in achieving RAOs for soil by removing contaminated soil present at R2BG. This option is feasible and will be retained for inclusion in remedial action alternatives in Chapter 4.0.

3.2.3 On-Site and Off-Site Disposal

3.2.3.1 Effectiveness

On-site disposal would be an effective option for contaminated soil that has been treated to concentrations less than or equal to RGs. Off-site disposal would be an effective option for the management of treated and/or untreated soil that cannot be placed back on site because the soil contains contaminants at concentrations above RGs.

3.2.3.2 Implementability

This option is administratively and technically implementable at R2BG. Soil must be treated to decrease the concentrations of COCs to RGs prior to placement back on site. Hazardous and nonhazardous waste disposal facilities are available.

3.2.3.3 Cost

The cost for on-site disposal of treated soil would be low. The cost for off-site disposal of contaminated soil would depend on the amount of soil excavated and on the cost per ton charged by the off-site landfill for disposal of the waste, which in turn depends on the characteristics of the waste. The cost would be moderate if the contaminated soil was classified as nonhazardous waste and high if the contaminated soil was classified as hazardous waste.

3.2.3.4 Summary

On-site disposal would be the most cost-effective way to manage soil treated to concentrations less than or equal to RGs. Off-site disposal of contaminated soil is an effective and implementable process option to achieve RAOs for contaminated soil with concentrations of contaminants above RGs. The process options are retained for further development of alternatives in Chapter 4.0.

3.2.4 In Situ Solidification/Stabilization

3.2.4.1 Effectiveness

Solidification and stabilization process options use binders and chemical additives to reduce the mobility of contaminants in soil and sediment through physical and/or chemical means. In situ stabilization of organic chemicals is a developing technology that has been researched in bench-scale tests and small field pilot tests by applying activated carbon (AC) to soil and sediment. Organic contaminants adsorb to the AC and become less bioavailable to potential receptors,

reducing both exposure and risk. AC treatment has been tested on contaminants such as pesticides, PCBs, PCDD/Fs, and NACs (Hilber and Bucheli, 2010; Ghosh, et al., 2011).

The reduced bioavailability of PCDD/Fs to earthworms from exposure to AC-treated soil was tested in one study by measuring the biouptake of PCDD/Fs in worm tissue and the PCDD/F concentrations in soil pore water (Fagervold, et al., 2010). Two types of contaminated soil were tested from different geomorphic settings along the Tittabawassee floodplain in Michigan: one a loamy-sand subsurface soil from a natural levee/intermediate terrace with a low total organic carbon (TOC) content (fraction organic carbon = 0.38 percent) and a second loam surface soil from a wetland with higher TOC content (fraction organic carbon = 5.6 percent). Total PCDD/F concentrations in untreated levee and wetland soil were 363 and 57 micrograms per kilogram (µg/kg), respectively, with TCDD TEQ concentrations of 196 and 43 µg/kg, respectively. TEQs for untreated levee and wetland soil were 23.9 and 1.16 µg/kg. TEQs for natural levee soil amended with 2 and 5 percent AC were reduced by more than 99 percent compared to untreated soil. TEQs for wetland soil amended with 2 and 5 percent AC were reduced by 78 and 91 percent compared to untreated soil. In general, reductions in biouptake were greater for the more toxic, less chlorinated congeners (Fagervold, et al., 2010). Aqueous PCDD/F concentrations were calculated from the PCDD/F content of polyoxymethylene strips placed in the soil and published polyoxymethylene/water partition coefficients. In general, PCDD/F pore water concentrations were reduced by 70 to 99 percent, with greater reductions in the less chlorinated congeners (Fagervold, et al., 2010).

Laboratory studies on the effectiveness of AC treatment of PCB-contaminated sediments show significant reduction in the biouptake of PCBs on a polychaete and amphipod (Millward, et al., 2005) and a freshwater oligochaete (Sun and Ghosh, 2007). The first study tested AC treatment on PCB-contaminated intertidal sediment from South Basin at Hunter's Point, San Francisco Bay. Contaminated sediment was treated by the addition of 3.4 percent AC. The lipid-normalized PCB content of polychaete tissue, in comparison to untreated sediment, was reduced by 82 percent following one month of exposure to AC-treated sediment and by 87 percent following six months of exposure. The lipid-normalized PCB content of amphipod tissue, in comparison to untreated sediment, was reduced by 70 percent following one month of exposure to AC-treated sediment and by 75 percent following six months of exposure. The growth rate of the polychaete exposed to AC-amended sediment was reduced by 50 percent, although there was no increase in lethality (Millward, et al., 2005).

The second study tested the effect that different AC particle sizes (45 to 180 micrometers [µm] versus 75 to 300 µm) and modes of AC application (mixed in sediment for two minutes versus

placement as a thin layer atop sediment without mixing) had on the biouptake of PCB from sediment on a freshwater oligochaete (Sun and Ghosh, 2007). The tests used sediment from the lower Grasse River (Massena, New York) (TOC = 5.2 percent) with an untreated PCB concentration of 6.8 mg/kg. The sediment was treated with 2.6 percent AC. PCB bioaccumulation in sediment treated with AC by mixing was reduced by 70 percent for 75-300 µm AC and 92 percent for 45-180 µm AC, compared to untreated sediment. PCB bioaccumulation in sediment treated with AC by surface application without mixing was reduced by 70 percent for 75-300 µm AC, compared to untreated sediment (45-180 µm AC not tested) (Sun and Ghosh, 2007). The results of this study indicate that it may be practical to treat contaminated sediment by placing a thin layer of AC on top of sediment. AC placed on the sediment surface was shown to slowly work into the sediment through bioturbation (Sun and Ghosh, 2007).

A laboratory study of AC treatment on Sharpsburg silty clay loam (TOC = 3.4 percent) spiked with TNT demonstrated that the concentrations of TNT in soil pore water and the phytotoxicity of TNT to corn planted in the contaminated soil were significantly reduced (Vasilyeva, et al., 2001). Soil was spiked with 500, 1,000 and 2,000 mg/kg of TNT and amended with 0.25, 0.75 and 1.0 percent AC (less than or equal to 35 µm), respectively. AC treatment immediately lowered the readily available concentration (extractable in 3 millimolar [mM] calcium chloride) of TNT in soil pore water from 35 to 80 mg/L for all three TNT-spiked soil conditions to below 5 mg/L. TNT soil pore concentrations greater than or equal to 20 mg/L significantly reduced root growth. Total extractable NACs (extractable in acetonitrile) in AC-treated soil were 11.4 to 15.7 percent of the initial spiked concentration after 120 days, compared to 19.2 to 45.4 percent for untreated soil. TNT degradation products in AC-treated soil comprised 39 to 68 percent of the total residual NAC remaining in the soil after 120 days, compared to 11 to 56 percent for untreated soil. The increased percentage of TNT degradation products in the acetonitrile extraction indicates that AC treatment promoted some additional biodegradation of TNT. Tests with carbon-14 (^{14}C)-labeled TNT show that the unextractable fraction of ^{14}C for AC-treated soil was 84 percent of the total ^{14}C spiked compared to 62 percent in the untreated soil. Whereas corn plants in the untreated 1,000 and 2,000 mg/kg TNT-spiked soil died and the growth of the untreated 500 mg/kg TNT spike soil was reduced approximately 50 percent compared to the control, corn growth in AC-treated soil was not significantly different from the uncontaminated control, except for a 30 percent reduction in the growth of the AC-treated 2,000 mg/kg TNT-spiked soil. However, the growth of corn plants in uncontaminated soil treated with 1 percent AC was reduced by 25 percent compared to the untreated uncontaminated control (Vasilyeva, et al., 2001), indicating some phytotoxicity of AC at that concentration.

The in situ treatment of organic contaminants in soil or sediment by AC has not been implemented at full scale, but a number of field pilot tests on sediment have been completed in the last seven years, including projects at Hunters Point, California (PCBs); Grasse River, New York (PCBs); Trondheim Harbor, Norway (PCBs, PAHs, polybrominated diphenylethers, dichlorodiphenyltrichloroethane [DDT]), U.S. Army Installation in Virginia (PCBs); Grenlandsfjord, Norway (PCDD/Fs); and Aberdeen Proving Ground, Maryland (mercury, methylmercury, PCBs, and DDT) (Ghosh, et al., 2011). A pilot test is currently underway to test the effectiveness of AC in situ stabilization of PCDD/F-contaminated soil from the Tittabawassee Floodplain south of Midland, Michigan (Dow Chemical Company, 2009; Michigan Department of Natural Resources, 2011).

Lead and other metals can be immobilized by the addition of stabilization chemicals. The addition of phosphate chemicals such as synthetic and natural apatites and hydroxyapatites, phosphate rock, phosphate-based salts, diammonium phosphate, and phosphoric acid leads to the immobilization of lead by ion exchange and precipitation of pyromorphite-type minerals ($Pb_5[PO_4]_3X$; X = F, Cl, B or OH) (Kumpiene, et al., 2008). Studies with hydroxyapatite show that the primary chemical reactions involved in lead removal were hydroxyapatite ($Ca_{10}[PO_4]_6(OH)_2$) dissolution and hydroxypyromorphite ($Pb_{10}[PO_4]_6[OH)_2]$) precipitation (Ma, et al., 1993). Amendments such as phosphate-based salts and phosphoric acid that are readily soluble lower soil pH, increasing the concentration of lead in the soil solution and improving the effectiveness of lead immobilization (Brown, et al., 2005).

3.2.4.2 Implementability

This process is technically implementable at the site, but regulatory acceptance of in situ stabilization is highly uncertain. Regulatory acceptance likely hinges on the ability to quantify the relative bioavailability of contaminants in treated soil so that the reduction in residual risk can be estimated with a degree of certainty. EPA human health risk assessment guidance supports the use of bioavailability adjustments (EPA, 1989), but bioavailability information has been infrequently used in site-specific risk assessments due to limited data, uncertain methodologies, and the lack of method validation (EPA, 2011).

EPA has developed a standard operating procedure for an in vitro bioaccessibility assay (IVBA) for lead in soil (EPA, 2008) and validated its use (EPA, 2009). The data generated by the IVBA can be used in human health risk assessments to adjust the lead exposure risk for the relative bioavailability of lead in soil. However, the lead IVBA standard operating procedure states that excess phosphate in the test samples may result in interferences and that the assay is not suited to

phosphate-amended soils. Therefore, the test cannot be used to assess the reduced lead bioavailability of in situ stabilized soil using phosphate chemicals.

The incorporation of bioavailability data in risk assessments will likely increase in the future, but progress to date has been very slow. This is a significant regulatory hurdle to the acceptance of in situ stabilization as a remedial technology. When application of the technology eventually gets expanded to a full-scale remediation, the initial implementation will likely be at sites where low concentrations of toxic and hydrophobic contaminants (e.g., PCBs and PCDD/Fs) are distributed across a large area. These types of sites are difficult and costly to remediate, but large and technically complicated projects of this nature may be able to bear the cost burden of the studies needed to demonstrate the reduced bioavailability of treated media.

Although phosphate treatment of lead-contaminated soil improves microbial activity and plant growth in comparison to untreated soil, these characteristics may not be restored to levels that would be considered normal for uncontaminated soil (Brown, et al., 2005). High concentrations of phosphate in soil may also be a long-term concern for eutrophication of nearby surface waters (Brown, et al., 2004).

3.2.4.3 Cost

The capital cost to apply in situ stabilization to contaminated soils is low. However, the cost of bioavailability studies to quantify the reduced risk associated with treatment is high. O&M costs for the technology are uncertain. Long-term monitoring of the site could be required to confirm the long-term effectiveness of in situ stabilization treatments in permanently immobilizing contaminants in soil. As a result, O&M costs cannot be quantified but could be significant.

3.2.4.4 Summary

In situ solidification/stabilization could be potentially effective in immobilizing lead, PCBs, PCDD/Fs, and (to a more limited extent) NACs in soil, but regulatory acceptance is highly uncertain and the small areas and volumes of contaminated soil requiring remediation at R2BG would not justify the expense necessary to confirm the long-term effectiveness of the technology. Land-use controls may also be required, which would limit the future use of the property. For these reasons, in situ solidification/stabilization will not be retained for alternative development in Chapter 4.0.

3.2.5 Ex Situ Solidification/Stabilization

3.2.5.1 Effectiveness

Chemical stabilization could be effective in immobilizing COCs in soil, depending on the concentrations of COCs in the soil requiring treatment. Contaminated soil would be excavated and then mixed with stabilizing agents in a batch mixer or pug mill. Alternatively, some stabilization chemicals are sprayed on excavated soils and mixed using heavy equipment such as an excavator. Previous Army studies on the use of solidification/stabilization on NAC-contaminated soil demonstrated that the addition of AC to the stabilization mixture may be required to effectively immobilize organic compounds such as TNT (Channell, 1996).

Ex situ chemical stabilization has been used previously at PBOW to immobilize lead in soil to pass the TCLP test and comply with LDR alternative treatment standards for contaminated soil. Lead is typically stabilized by the addition of phosphates chemicals, as described in Section 3.2.4.1.

Stabilization does not transform or remove the COCs from soil; it only hinders their environmental transport. Therefore, stabilization should be combined with other waste management options like off-site disposal in a nonhazardous waste landfill or capping of the stabilized soil. Off-site disposal would be appropriate for stabilized soil at R2BG because soil with lead concentrations above RGs is also contaminated with elevated concentrations of other COCs (PCDD/Fs, PCBs) that cannot be treated cost-effectively on site. Capping was previously eliminated from further evaluation in Section 3.2.1.4.

3.2.5.2 Implementability

This process is technically implementable at this site. The technology is mature, and equipment and personnel are readily available. However, the technology may not comply with the LDR alternative treatment standards for contaminated soil. As shown in Table 2-4, 2,4-DNT and 2,6-DNT are the only soil constituents that will require treatment to comply with the LDRs. The treatment standards for 2,4-DNT and 2,6-DNT are expressed in units of total (not leachable) concentration. Solidification/stabilization does not destroy, but only immobilizes the contaminants within the treated material. Therefore, off-site disposal of treated soil might be prohibited because the stabilized soil may not comply with the LDR requirements for these constituents.

3.2.5.3 Cost

The cost associated with ex situ stabilization is moderate and depends on the amount of excavated material requiring treatment, the amount of stabilizing agents required, and labor costs associated with the implementation.

3.2.5.4 Summary

The applicability of ex situ solidification/stabilization for the treatment of DNTs is questionable because the treated soil may not comply with LDR treatment standards. However, ex situ solidification/stabilization is an effective and implementable technology for immobilization of lead in soil and will be retained for alternative development in Chapter 4.0.

3.2.6 Windrow Composting

3.2.6.1 Effectiveness

Windrow composting has been used in the past to treat a variety of organic contaminants, including NACs, PAHs, and pesticides. In particular, windrow composting has been used within the past 10 years at several sites to effectively treat nitroaromatic-contaminated soil that has been impacted by the production or handling of TNT-based munitions. The technology has been implemented on a full-scale basis to treat TNT-contaminated soil at TNTB and the Pentolite Road Red Water Pond Area at PBOW, as well as other sites at other facilities, including Umatilla Depot in Hermiston, Oregon; the Naval Surface Warfare Center in Crane, Indiana; the Joliet Army Ammunition Plant in Elwood, Illinois; and the U.S. Naval Submarine Base in Bangor, Washington.

Composting can be distinguished from other types of bioremediation processes by the use of bulking agents, such as wood chips and straw, to increase the porosity of the soil. Manure, yard wastes, and wood processing wastes are often added to increase the amount of nutrients and readily degradable organic matter. Occasionally, other easily degradable carbon sources (e.g., molasses, acetate, glucose) are added to sustain microorganisms capable of degrading hazardous constituents. Inorganic fertilizers may be added to supplement available nutrients (EPA, 1996).

Composting utilizes solid-, liquid- and gas-phase processes. The solid phase provides physical support for biofilm growth, a source of organic and inorganic nutrients, a sink for metabolic products, and thermal insulation. The liquid phase provides a matrix for the interchange of gases, nutrients, and metabolic products. The gas phase delivers oxygen and provides a sink for gaseous metabolic products, such as carbon dioxide and ammonia. The gas phase also serves as the primary heat sink, through evaporative cooling (EPA, 1996).

The composting process is mediated by microbial populations that are classified as either mesophiles or thermophiles. Mesophilic microbes are those with an optimum temperature range of 25 to 40 degrees Celsius (^{o}C). Thermophiles have an optimum temperature range of 40 to 60°C. Significant degradation of TNT has been reported within both temperature regimes, although slightly higher removals have been demonstrated under thermophilic conditions (Williams, et al., 1992).

Composting can biologically degrade organic contaminants via aerobic, anaerobic, or a combination of anaerobic and aerobic processes. Research on TNT degradation using composting has shown that a combined anaerobic/aerobic process is the most effective in detoxifying TNT-contaminated soil. The first step in the biological degradation of TNT involves the reduction of one of the three aromatic nitro groups to an amino group through nitroso and hydroxylamino intermediates. Figure 3-1 shows the specific case of the reduction of an aromatic nitro group during the fermentation of glucose (Daun, et al., 1998).

The sequential reduction of all three nitro groups, converting TNT to 2,4,6-triaminotoluene (TAT), can only be achieved under strict anaerobic conditions (Preuss, et al., 1993). Figure 3-2 depicts the transformation processes that are involved in degradation of TNT in an anaerobic/aerobic composting system (Bruns-Nagel, et al., 2000). Studies have shown that, in addition to the transformation of TNT to TAT, degradation of TNT may proceed through the condensation of aminodinitrotoluenes (ADNT) to azoxy-tetranitrotoluenes (Achtnich, et al., 1999).

Significant mineralization of TNT via composting has not been demonstrated. This may be explained by the rareness of polynitroaromatic compounds in nature and the resistance of the highly oxidized trinitro-substituted aromatic ring to oxidative microbial attack (Rieger and Knackmuss, 1995). However, TNT degradation and transformation products can be stabilized through interaction with organic and inorganic soil components. The reduction of TNT in the presence of clay and humic substances has been shown to significantly increase the removal rate of nitroaromatics from soil. The TNT metabolites hydroxyamino-dinitrotoluenes and TAT strongly bind to clay minerals and humic substances (Daun, et al., 1998).

Three different types of interactions between TNT metabolites and soil are possible: physical sorption, sequestration, and covalent binding to soil organic matter. Only if TNT and its metabolites are bound through covalent linkages are they considered to be an integral part of the

humus. When bound to humic materials in this manner, they are not considered to represent a potential future threat to the environment.

Composting studies using ^{14}C ring-labeled TNT have demonstrated significant binding of TNT transformation products to the humic substances (fulvic acid, humic acid, and humin) present in compost (Achtnich, et al., 1999; Drzyzga, et al., 1998; Bollag, et al., 2002). The studies reported that the immobilized (unextractable) fraction of the ^{14}C-TNT ranged from 82 to 84 percent. All three studies used a combination anaerobic/aerobic treatment approach.

The nature of the bonding mechanism between TNT metabolites and the humic materials in the compost has been investigated using nitrogen-15 (^{15}N)-nuclear magnetic resonance spectroscopy of ^{15}N-labeled TNT (Achtnich, et al., 1999; Bruns-Nagel, et al., 2000; Bollag, et al., 2002). These studies found significant evidence of covalently bound ^{15}N. The Bruns-Nagel study found that the major portion (58 percent) of the ^{15}N was strongly bound to the humic fraction of the soil: 23 percent as heterocyclic structures, 15 percent covalently bonded, 15 percent as amino functional groups, and 2 percent as nitro functional groups.

The recent research has demonstrated that, after incorporation of the partially or fully reduced TNT into humic materials, the pollutant is practically indistinguishable from the soil organic matter. Further, it can be assumed that mineralization of the bound residue would occur at a rate similar to that of the mineralization of the natural humus. Even if some covalently bound molecules are subsequently released and become bioavailable, this process should not occur to an extent that would cause toxic effects (Bollag, et al., 2002).

Critical process parameters that impact the effectiveness of a composting process include porosity of the compost material, free air space, moisture content, particle size, temperature, carbon-to-nitrogen (C/N) ratio, and pH. Bulking agents are typically added to the contaminated soil to increase the porosity of the composted material. Adequate porosity is needed to provide a conduit for air, water, and nutrients throughout the compost as well as to afford space for the growth of microbial communities. Compost bulk density typically ranges from 0.5 to 0.7 tons per cubic yard. Free air space is the portion of the porosity occupied by gas. Free air space is necessary for the maintenance of aerobic conditions within the compost. The gas/liquid ratio within the void space has a profound impact on the efficiency of the treatment process (Ro, et al., 1998).

Proper moisture content is required for nutrient transport and maintenance of the microbial communities. Constructing a compost shelter or covering the piles with a water-impermeable

fabric would prevent infiltrating rainfall from creating excessive moisture conditions within the compost. Adequate moisture levels can be maintained by periodically adding water to the compost to replace losses from evaporation. The recommended moisture content for composting is between 40 and 65 percent of saturation (USACE, 2002). The moisture content of the compost should be checked two to three times per week during treatment. The water usage in windrow composting is typically 1 gallon per cy^3 of compost per day.

Particle size is important because it affects the surface area available for microbial activity as well as the pore space available for oxygen and nutrient transport. A particle size from 1.3 to 5 centimeters is reported in the scientific literature to be optimum for composting (Forster and Wase, 1987). USACE specifications recommend a particle size range of 2 to 10 centimeters (USACE, 2002). Larger particles reduce the surface area for microbial growth and may cause contaminants to become occluded such that they are not accessible for degradation. Wet clays, for example, can be difficult to mix with amendments, and lumping can result. Lumping limits oxygen transfer rates and contaminant availability, resulting in incomplete treatment. Excavated soil is typically screened prior to mixing with amendments to remove large objects, and a shredder or crusher may be used to reduce the size of oversize material to facilitate treatment. Excavated material is typically screened down to 2 inches. Material between 2 and 6 inches can be crushed for treatment. Material larger than 6 inches is normally stockpiled for disposal. TNT is sometimes found in contaminated soil as nodules that can be difficult to treat via composting. Researchers at the Idaho National Engineering and Environmental Laboratory have used acetone to dissolve chunks of TNT. The resulting acetone/TNT slurry is then added back to the compost pile. The acetone is biodegradable and provides an additional carbon source for microbial growth.

The type of temperature control employed depends on the composting process used. The compost temperature in static piles and in-vessel composting is controlled by adjusting airflow through the compost. Compost temperature during windrow composting is controlled by the frequency of windrow turning and by minimizing the impact of climatic effects through sheltering or covering the compost. USACE specifications recommend that the compost temperature be maintained between 54 and 60°C for optimum treatment efficiency. Microbial activity is substantially reduced at temperatures above 71°C. Temperature control is particularly important in locations such as northern Ohio, where the impact of winter temperatures on the effectiveness of composting operations must be considered. Low ambient temperatures will impact the process if the amendments and/or soil become frozen prior to blending. The initial self-heating phase may be longer or may not occur if one or more of the components is at or near freezing. This problem can be overcome by staging amendments in large piles during cold

weather or by using engineering controls such as a small heated amendment staging area to heat a 1- to 2-day supply of amendments prior to mixing. The temperature of the windrows should be monitored on a daily basis.

Compost microorganisms require adequate levels of carbon sources and other nutrients, including nitrogen, phosphorus, sulfur, and other trace minerals. Among these, carbon and nitrogen are usually the limiting substrates. Optimal C/N ratios for different composting materials are reported to range from 20:1 to 40:1 (USACE, 2002), although a lower C/N ratio was effectively used during the composting project at the Naval Surface Warfare Center in Crane, Indiana (less than 10:1). If the C/N ratio is too low, nitrogen will be lost as ammonia, which may reach toxic levels and raise the compost pH.

The optimum pH for composting has been reported in the scientific literature to range from 6.0 to 8.5 (Fitzpatrick, 1993). At higher pH, nitrogen will be lost as ammonia, and essential elements such as calcium and magnesium may not be available to microorganisms due to precipitation as insoluble metal hydroxides or carbonates. At lower pH, metals such as aluminum, copper, and zinc may be leached from minerals and may stop the composting process (Ro, et al., 1998). USACE specifications recommend that the compost pH be maintained in the range of 5.5 to 9.0, and preferably within 6.5 to 8.5 (USACE, 2002).

Composting has typically been implemented using one of the three following processes: in-vessel composting, static pile composting, and windrow composting. In-vessel composting involves the placement of compost material in a large containment vessel equipped with a temperature-controlled aeration system. In-vessel systems may be equipped with a mechanism that periodically mixes the compost. In static pile composting, the material to be composted is formed into a pile and aerated by blowing air into the pile through perforated pipes. Static piles are not mechanically mixed, and the aeration system is used to control temperature. In windrow composting, the material to be composted is formed into long parallel rows. The rows are watered occasionally and are periodically turned to promote aeration and control temperature using a specialized piece of equipment called a windrow turner. Of the three types of composting processes, windrow composting has proven to be the most cost effective for soil remediation due to its lower capital and operating costs. Therefore, windrow composting was selected as the representative composting technology for evaluation in the FFS (Shaw, 2003).

Windrow composting could be an effective treatment process to achieve RAOs for NACs in soil at R2BG. The NACs in soil would be biodegraded or transformed into less toxic products. Composting of explosives such as TNT and 2,4-DNT in soil has been successfully demonstrated.

Although composting has been used effectively to treat NAC-contaminated soil at some other ordnance facilities, a previous implementation of the technology at PBOW TNTB was not able to attain RGs for ADNTs in soil. As a result, the remedial strategy used to implement composting at TNTB was modified during the remedial action. Instead of treating all soil with concentrations of NACs above RGs, only soil that was a hazardous waste due to elevated levels of 2,4-DNT was treated using composting (to render it nonhazardous). Significantly less soil was treated than initially anticipated, and all of the excavated soil required off-site management at an approved disposal facility. Additionally, the time required to compost a batch of soil was approximately double that originally estimated in the FS. All of these factors resulted in an escalation of remedial costs above those estimated during the FS. EPA now considers the ADNTs to be less toxic than believed at the time of the TNTB remedial action. The remedial approach to composting and the management of composted soil might be handled differently today (see discussion in Section 3.2.6.2).

Composting has not yet been shown as cost effective for treating soil contaminated by PCBs and PCDD/Fs. In general, PCDD/Fs and PCBs have been resistant to complete biodegradation in laboratory studies. PCDD/Fs and PCBs strongly absorb to soil, and their limited bioavailability is an obstacle to significant biotransformation and a major factor in their persistence in the environment (Field and Sierra-Alvarez, 2008). The bioavailability of the PCDD/F homologues decrease as the number of chlorine atoms on the compound increases (Bunge and Lechner, 2009).

Studies on PCDD/Fs have shown some biodegradability under both aerobic and anaerobic conditions (Bunge and Lechner, 2009). Lower chlorinated dioxins and furans are cometabolically degraded to chlorinated catechols or chlorinated salicylates during the growth of aerobic bacteria by the action of dioxygenase enzymes, but PCDD/Fs with five or more chlorine atoms are generally resistant to aerobic degradation (Field and Sierra-Alvarez, 2008). One exception, white rot fungi, have aerobically degraded higher chlorinated dioxins and furans, but yields were modest (less than 50 percent conversion) (Field and Sierra-Alvarez, 2008).

The higher chlorinated dioxins and furans are subject to anaerobic reductive dechlorination (Bunge and Lechner, 2009). Different dechlorination pathways occur depending on the composition of the bacterial populations and environmental conditions, some forming the more toxic TCDD at least temporarily before degradation to lower chlorinated dioxins (Bunge and Lechner, 2009). Recent work has shown that priming and bioaugmentation may be useful strategies to enhance PCDD/F degradation, but research in these areas is at an early stage. Priming and bioaugmentation involve the addition of an alternative, more bioavailable

compound (priming) and specialized microorganisms (bioaugmentation) to the contaminated media to stimulate degradation of the target contaminant.

Each commercially produced Aroclor compound was a complex mixture of PCB congeners with different degrees of chlorination (number of chlorine atoms on the molecule). For example, Aroclor 1254 was a mixture of PCB congeners with three to seven chlorine atoms and Aroclor 1260 was a mixture of PCB congeners with five to nine chlorine atoms. Aroclor 1254 and 1260 had an average of five and six chlorine atoms per molecule, respectively (Frame, et al., 1996). Anaerobic microorganisms are capable of degrading PCBs with two to nine chlorine atoms via reductive dechlorination. One study demonstrated that sediment-free mixed cultures, established from microcosms of Aroclor 1260-contaminated sediment amended with acetate as a carbon source and hydrogen as electron donor were capable of reducing the concentration of Aroclor 1260 at an initial concentration of 50 micrograms per liter by 64 percent over a period of 54 to 154 days (Bedard, et al., 2007). These percent removals and treatment durations are not practical for a bioremediation treatment process, and the percent removals would likely be lower for PCBs adsorbed to soil rather than completely bioavailable in solution.

A sequential anaerobic/aerobic biotreatment process may be required to get complete mineralization of PCBs and PCDD/Fs (Hiraishi, et al., 2005; Bedard, et al., 2007). Techniques to make PCBs and PCDD/Fs more bioavailable in soil and sediment will likely be required before bioremediation processes become useful for the treatment of these constituents in contaminated media. Although progress is being made in elucidating degradation pathways and identifying microorganisms that can degrade PCBs and PCDD/Fs, the state of the science is not yet developed well enough for biological treatment processes such as composting to be effective in the treatment of soil to levels that would be appropriate for unrestricted use.

Although composting would not be effective in degrading PCBs and PCDD/Fs at R2BG to RGs, 2,4-DNT in surface soil could be reduced to concentrations that would allow soil co-contaminated with PCBs and/or PCDD/Fs to be disposed off site as a nonhazardous waste. Subsurface soils inside the burn area that are not co-contaminated with PCBs and/or PCDD/Fs could be treated to RGs and placed back on site.

Composting does not effectively treat lead-contaminated soil because lead cannot be biodegraded into a less toxic substance. Therefore, a second remedial technology or waste management approach would be required to address lead-contaminated soil.

3.2.6.2 Implementability

Composting is technically and administratively implementable at R2BG. Previous composting work at PBOW has shown that a treatment building is not required to protect the compost from the weather, even in the winter. Equipment, labor, and amendments required for composting are available from local sources, which would lower remedial costs. Treated compost would be spread across the site or transported off site as a nonhazardous waste and used for daily cover at a nearby landfill. Compost does not have the same structural integrity as native soil and may not be suitable as structural backfill.

Some of the composted soil from R2BG would require off-site disposal and some might be placed back on site. Soil excavated from 0 to 2 feet bgs would require off-site disposal after composting due to the presence of constituents that cannot be effectively treated by composting (i.e., PCBs, PCDD/Fs, and lead). NACs are the only COCs detected in soil below 2 feet inside the burn area.

As mentioned in the previous section, composted soil from TNTB was managed off site because the treated compost did comply with the RG for total ADNTs. However, the provisional toxicity reference dose used to calculate the TNTB RG for the ADNTs is significantly lower than the reference dose currently used (EPA, 2010c). The total ADNT RG for TNTB was 0.8 mg/kg compared to a current RSL of 30 mg/kg for both ADNTs combined (EPA, 2010c). The total ADNT concentration in TNTB compost at the end of treatment (week 6) ranged from below 3.71 to 16.8 mg/kg (WTI, Inc., 2006) and would have been acceptable for on-site placement under the current RSL. ADNT is a degradation product of TNT formed via reductive denitrification during the anaerobic cycle of the composting process. The concentration of TNT in compost at the end of the first week of treatment during the TNTB remedial action ranged from 20.1 to 204 mg/kg. The initial TNT concentration in compost could have been significantly higher. The maximum TNT concentration in burn area soil at a depth greater than 2 feet bgs is 94 mg/kg. Composting should be able to reduce ADNTs in R2BG in soil below the burn layer to a concentration below a putative risk-based RG of 30 mg/kg based on the RSL. ADNTs are not COCs for R2BG soil but would require an RG for remediation if composting was selected as a component of the final remedy. Therefore, soil from this depth range of excavation could be returned to the site after composting.

3.2.6.3 Cost

The cost for composting the soil would be high. The main factors contributing to the capital cost are significant equipment rental and labor costs incurred over the relatively lengthy remedial duration. Treated soil that complies with RGs for all COCs could be returned to the site. The

treated material that does not comply with RGs for all COCs would be managed off site at an approved disposal facility as a nonhazardous waste. The management of treatment residuals is an important cost factor in evaluating the technology because the volume of composted soil after treatment is larger than the initial volume of soil to be treated due to the addition of amendments during the treatment process.

3.2.6.4 Summary

Composting of contaminated soil at R2BG is a potentially feasible process option for reducing the concentration of NACs to RGs for placement back on site or to concentrations that would render the treated material nonhazardous and facilitate off-site disposal as a nonhazardous waste. Therefore, the process is retained for further development as a remedial alternative in Chapter 4.0.

3.2.7 Alkaline Hydrolysis

3.2.7.1 Effectiveness

Alkaline hydrolysis involves the addition of an alkaline reagent to increase the pH of contaminated soil, thereby promoting the hydrolysis of NACs to less toxic reaction products. The technology has most commonly been implemented for the treatment of nitroaromatic explosives by adding calcitic lime, composed of calcium hydroxide, to the contaminated soil. More recently, improved treatment results have been achieved using sodium hydroxide (NaOH) (caustic soda) instead of lime as the alkaline reagent.

TNT is susceptible to treatment with alkali as the electronegative nitro groups of TNT reduce the electron density of the aromatic ring and make the molecule subject to nucleophilic attack. The hydroxide ion (OH^-) is a strong nucleophile and has been shown to react with TNT under basic conditions. Nucleophilic substitutions of the nitro and methyl groups of TNT by hydroxide ion are the initial steps in the degradation process that result in a variety of potential reaction products, as shown on Figure 3-3 (Thorn, et al., 2004). Research performed to quantify the TNT-hydroxide reaction rate has identified a multiple step reaction process (Felt, et al., 2001; Mills, et al., 2003). Alkaline hydrolysis has been found to be an effective method of reducing the concentration of TNT in soil, provided enough alkali is added to raise the soil pH to about 12.

Lime Application. Lime application increases the concentration of calcium ions in the soil solution, and this affects the performance of alkaline hydrolysis by decreasing the adsorption of NACs on natural clays. The performance of the technology is improved for those constituents with a high destruction efficiency and degraded for those constituents that are less effectively

treated. Unlike many organic compounds that adsorb readily onto soil organic matter, the retardation of TNT in soil is not significantly affected by the soil organic matter (Weissmahr, et al., 1999). Rather, the adsorption of TNT is more affected by the clay content of the soil. Planar NACs with electron-deficient aromatic rings (e.g., TNT, 1,3,5-trinitrobenzene [TNB]) have been shown to adsorb onto both the external siloxane surfaces of two- and three-layer clays, and to a lesser extent, the interlamellar siloxane surfaces of three-layer clays. Based on spectroscopic studies of 1,3,5-TNB adsorption on various clay minerals, it is postulated that this adsorption mechanism involves an n-π electron donor-acceptor complex between the unpaired electrons of siloxane oxygens in the clay minerals and the electron-deficient aromatic ring of the TNB (Weissmahr, et al., 1997). Nitroaromatic adsorption on clay is highest when weakly hydrated and less bulky cations (e.g., K^+) predominate in pore water. Conversely, nitroaromatic adsorption on clay is lower in the presence of sodium and calcium, as the large hydration shell of these cations interferes with the electron donor acceptor complex (Weissmahr, et al., 1999). Therefore, when lime is applied to TNT-contaminated soil, the Ca^{2+} ions in the soil solution promote desorption of TNT. This characteristic of TNT adsorption explains why a study of the reaction kinetics of the TNT alkaline hydrolysis found that the initial mass of TNT in soil immediately following lime treatment was greater than the mass of TNT in the soil prior to treatment (Emmrich, 2003).

The desorption of nitroaromatics from soil caused by liming can increase the efficiency of TNT removal during alkaline hydrolysis by making the TNT more available in the soil solution, but its effect on the removal of other nitroaromatic co-contaminants may be more problematic. Lime treatment is less effective for nitroaromatics such as DNT and ADNT. In one study, the reduction in TNT, 2,4-DNT, 2,6-DNT, 2-amino-4,6-dinitrotoluene, and 4-amino-2,6-dinitrotoluene was measured in soil from two contaminated sites. The soil samples were treated with lime at pH 11 and 12. The results of this study are presented in Table 3-1. Although the removal efficiency of TNT was quite high (up to 98 percent), the removal efficiencies for total DNT isomers were 44 to 66 percent at pH 12. The removal of ADNT isomers was much more variable, as 75 percent of ADNTs were removed from a heavily contaminated soil sample, while total ADNT concentration actually increased by a factor of 16 in soil from a less contaminated site (Emmrich, 2001).

Studies conducted by the U.S. Army Engineer Research and Development Center (USERDC) found that DNT removal is variable with lime treatment, with low to moderate treatment efficiencies (USACE, 2006). A study conducted by USEDRC to determine the effect of mixing regime and soil moisture content on the efficacy of alkaline treatment with TNT-contaminated soil noted an increase in ADNT concentration (approximately 20 to 28 mg/kg) over the 10-day test period (Figure 3-4). Although the report suggested that lime treatment of TNT may have

produced the ADNTs, the increased ADNT concentration may have been caused by the aforementioned desorption effect that Ca^{2+} ions have on NACs bound to clay particles.

Caustic Soda Application. Recent work using NaOH instead of lime to implement alkaline hydrolysis has shown positive results. A laboratory test conducted on NAC-contaminated soil from Volunteer Army Ammunition Plant (VAAP) demonstrated that NaOH treatment achieved RGs at that site for all NAC constituents, including TNT and DNTs. Table 3-2 presents a summary of partial results from this work (Tetra Tech, Inc., 2008a). The table presents the results of three treatability tests using varying proportions of NaOH and ferric chloride in soil. The VAAP treatability study results indicate that R2BG soil may also be treatable using alkaline hydrolysis, although the maximum TNT and 2,4-DNT concentrations detected at R2BG are 3 to 5 times higher than those used in the VAAP bench study. The VAAP treatability tests show that the application of NaOH without catalyst was sufficient to attain RGs for soil at VAAP, although the addition of ferric chloride seemed to increase the removal efficiency of DNTs somewhat (Tetra Tech, Inc., 2008a). Nitrite was a principal product of the alkaline hydrolysis reaction with NACs. The addition of 6 ounces of citric acid to 10 pounds of the alkaline hydrolysis-treated soil during the bench-scale tests effectively neutralized the elevated soil pH and provided a carbon source for microbial denitrification of the residual nitrite. The 511 mg/kg of nitrite in treated soil was reduced to nondetect levels within 12 days after application of citric acid (Britto, et al., 2010).

An alkaline hydrolysis treatability study was completed on TNTC soil by the Shaw Technology Development Laboratory (TDL) in 2009. Table 3-3 presents a summary of the results. DNTs were not detected in the untreated soil sample collected from the site, so the soil was spiked prior to treatment. Several alkaline reagents were tested, and NaOH was found to perform best. The treatability study confirmed that alkaline hydrolysis was most effective at a soil pH above 12.6, as indicated by the previous Tetra Tech, Inc. pilot test (Tetra Tech, Inc., 2008b). The treatability study found that the TNT concentration could be reduced to the RGs for TNTC within seven days, but none of the treated samples attained the RG for 2,4-DNT or 2,6-DNT or passed the TCLP test for 2,4-DNT. As shown in Table 3-3, the most effective treatment reduced 2,4-DNT by 97 percent (10,733 to 282 mg/kg) and 2,6-DNT by 32 percent (11,441 to 7,783 mg/kg) within seven days. The 2,4-DNT concentration in the TCLP leachate from the most effective treatment (0.26 mg/L) was only slightly above the regulatory limit (0.13 mg/L). The LDR regulations require that the concentration of underlying hazardous constituents in soil classified as a hazardous waste be reduced by 90 percent, but no less than 10 times the UTS for land disposal. Alkaline hydrolysis achieved this level of treatment for 2,4-DNT but not for 2,6-DNT in the bench tests.

Additional bench-scale testing of the alkaline hydrolysis process indicates that DNTs are not readily destroyed unless a pH greater than or equal to 13 is attained in soil during treatment (Britto, et al., 2010). Addition of moisture to soil saturation levels was also critical for effective treatment (Britto, et al., 2010). The data also brings into question the need for a catalyst, and additional testing was recommended to clarify this issue (Britto, et al., 2010). Column studies were performed to assess the potential effectiveness of in situ treatment in saturated soil. Thirty pore volumes of a 50 mM NaOH solution applied to an undisturbed soil column from VAAP reduced the concentration of total explosives in the soil column from 5,000 mg/kg to no greater than 50 mg/kg. The 50 mM solution raised the pH of the soil in the column to 12.57 after 72 hours.

Full-scale application of alkaline hydrolysis at VAAP has shown the technology to be effective. Alkaline hydrolysis was used to treat 86,000 cubic meters of NAC-contaminated soil ex situ. Treated soil achieved the VAAP cleanup level for DNT of 25.4 mg/kg. The 2,4-DNT concentration in 42 percent of the treated soil was below the 2.6 mg/kg limit that would potentially make the soil a RCRA characteristic hazardous waste (20 times rule). The average 2,4-DNT concentration in the remaining soil was 6.9 mg/kg. Contrary to earlier bench-scale test results, full-scale implementation of alkaline hydrolysis at VAAP demonstrated successful treatment of NAC-contaminated soil within a pH range of 12.3 to 13, with an average treatment pH of 12.5 (Britto, et al., 2010). The average treatment duration during full-scale application was 21 days (Britto, et al., 2010), longer than the 10 days previously suggested by the results of the VAAP pilot test (Tetra Tech, Inc., 2008a). A higher soil pH and/or longer treatment duration might be required to treat R2BG soil to the lower RG for DNTs (2.8 mg/kg total DNTs for placement back on site) or a leachable 2,4-DNT concentration of 0.13 mg/L that would allow off-site disposal as a nonhazardous waste. Approximately 20 percent of the alkaline hydrolysis-treated soil at VAAP required post-treatment using citric acid to reduce nitrite concentrations during full-scale remediation (Britto et al., 2010). Alkaline hydrolysis-treated soil from R2BG would not require treatment if the nitrite concentration in soil was less than or equal to the residential soil risk-based concentration of 7,800 mg/kg. Nitrite post-treatment would likely not be required for alkaline hydrolysis-treated soil that is disposed off site at a landfill.

An additional 11,500 cubic meters of NAC-contaminated soil were treated in situ using alkaline hydrolysis (Tetra Tech, Inc., 2010). NAC-contaminated soil at VAAP was successfully treated in situ at a pH of 12.5 or higher. Effective treatment in situ was found to be less dependent on soil moisture content as previously determined during bench-scale testing. In situ soil moisture

content in the range of 16 to 25 percent was found to be adequate for treatment of the clay-like soil at VAAP (Britto, et al., 2010).

The TNT-hydroxide reaction is complex and has the potential to produce numerous undefined reaction products. Several studies have reported that an uncharacterized polymeric material is formed upon the prolonged treatment of TNT with alkali (Thorn, et al., 2004). One study analyzed molecular weight fractions of reaction products generated when an aqueous solution of TNT was treated with potassium hydroxide at a pH of 13. Approximately 40 percent of the reaction products fell within the 1,000 to 6,000 Dalton molecular weight range (the molecular weight of TNT is equal to 227 Dalton), indicating that a significant percentage of the final reaction products consists of large molecules that may result from the polymerization of intermediate reaction products (Felt, et al., 2001). Characterization of the polymeric precipitate by ^{13}C and ^{15}N nuclear magnetic resonance suggests that a complex mixture of products is formed. Nuclear magnetic resonance confirms that carbon functional groups include methyl, methylene, alcohol/ether, phenolic carboxylic acid, ketone, and possibly quinone. Nitrogen is present in the polymeric material as aminohydroquinone, aminoquinone, heterocyclic, imine or azoxy, nitro, and nitrosophenol, among other possibilities (Thorn, et al., 2004).

The toxicity of alkaline hydrolysis reaction products is of interest in evaluating the residual risk that would remain after treatment. The toxicity of TNT-hydroxide reaction products is not well defined, although the limited testing that has been done indicates that the reaction products are less toxic than TNT. The acute toxicity of TNT-contaminated water before and after treatment with NaOH was tested using the standard Microtox® procedure. The median effective concentration (EC_{50}) of the untreated sample was increased from approximately 2 percent in the untreated sample to 8 percent in 100 mg/L TNT-treated solution and 14 percent in a 10 mg/L TNT-treated solution. EC_{50} is the effective concentration at which 50 percent of the expected fluorescence from the test bacterium (i.e., *Vibrio fischeri*) is inhibited. Therefore, higher EC_{50} values indicate relative lower toxicity (Hansen, et al., 2001). The toxicity of the polymeric materials formed during the reaction has not been determined (Thorn, et al., 2004).

Alkaline hydrolysis has not been identified as a potential technology for the effective treatment of PCBs, or PCDD/Fs in soil (EPA, 2010d).

Lead can be precipitated from solution as lead hydroxide by the addition of NaOH (Patterson, 1985). However, lead hydroxide is amphoteric with a pH-minimum solubility that is dependent upon the other ionic species in solution. The addition of hydroxide ion to a solution of precipitated lead hydroxide will resolubilize the lead. Partial neutralization of the treated soil

may be required to ensure lead stabilization. Alkaline hydrolysis treatment of soil has the potential to immobilize lead, but its effectiveness at the final soil treatment pH should be tested. Lead-contaminated soil is typically stabilized with phosphate chemicals because this type of treatment has proven the most effective (Section 3.2.4.1).

3.2.7.2 Implementability

Field demonstrations of alkaline hydrolysis of TNT-contaminated soil with lime have previously been performed at U.S. Department of Defense facilities in Huntsville, Alabama; Jackson, South Carolina; West Point, New York (USACE, 2006); and Fort Lewis, Washington (Thorn, et al., 2004). As mentioned in Section 3.2.7.1, alkaline hydrolysis of TNT-contaminated soil with caustic soda was demonstrated in a full-scale remediation at VAAP.

Calcitic lime is typically applied to contaminated soil to raise the pH to 12, as little or no TNT removal is achieved below pH 10 (Hansen, et al., 2001; Emmrich, 2001). For this reason, dolomitic lime, composed principally of magnesium hydroxide, is not useful as a treatment reagent for TNT-contaminated soil because the maximum pH developed by magnesium hydroxide is approximately 10.3 due to solubility limitations.

A typical soil treatment recipe uses 2 to 3 parts water to 1 part soil and 1.5 weight percentage lime on a dry soil basis (USACE, 2006). Water is necessary, as the hydrolysis reaction proceeds only when TNT and hydroxide ion are in solution (Brooks, et al., 2003). A USERDC study found the optimal percent moisture content of the reaction mixture to be 25 to 30 percent water (Hansen, et al., 2003).

A full-scale implementation of alkaline hydrolysis was completed at VAAP. The technology is also currently being used at PBOW TNTC, but treatment results are not yet available. When the alkaline hydrolysis process using caustic soda was scaled up in field tests at VAAP, the treatment chemicals were applied at the rate of 40 pounds of caustic soda and 1 gallon of 30 percent ferric chloride solution per yd^3 of soil (Tetra Tech, 2008b). The Shaw TDL alkaline hydrolysis treatability study found that the optimum amount of alkaline reagent for TNTC soil is 61 pounds of caustic soda per yd^3 of soil.

The VAAP treatability study determined that the soil pH must be increased to at least 12.6 to ensure effective treatment of NACs. Therefore, the soil may require neutralization if it is to be backfilled in the excavation. Citric acid was used to neutralize soil because it is a weak triprotic organic acid that would provide a carbon substrate to promote nitrite reduction as well as neutralize the excess alkali. Neutralization is a key factor in determining how the treated soil

would be managed, because it is easier to increase soil pH than to reduce it. Common methods of lowering soil pH used in agriculture include the addition of acid organic matter that is low in calcium and other non-acid cations (e.g., leaf mold from coniferous trees, pine needles, tan bark, pine sawdust, acid peat moss) and inorganic chemicals such as aluminum sulfate, ferrous sulfate, and elemental sulfur (Brady and Weil, 2002). Alternatively, the alkaline-treated soil might be disposed off site as a nonhazardous waste without neutralization because the upper pH limit for the RCRA corrosivity characteristic does not apply to solids. However, disposal facilities may be reluctant to accept high pH soil (pH above 12.5) even though the corrosivity characteristic defined in the RCRA regulations (40 CFR 261.11) applies only to liquids. The Shaw TDL alkaline hydrolysis treatability study tested several neutralization reagents to determine which would be the most cost effective for full-scale application. The study found ferrous sulfate to be the most economical neutralization agent, with the application of 108 pounds of ferrous sulfate required to neutralize 1 yd^3 of alkaline-treated soil.

Other low pH organic waste streams might be identified that could be used to neutralize the soil and remove nitrite at very low cost. Agricultural by-products and food processing wastes such as corn syrup, molasses, dairy wastes, beet-sugar waste, and waste products from beer and wine production have been identified as potential sources of readily biodegradable organic matter for dinitrification (Onnis-Hayden and Gu, 2008). Nearby manufacturing facilities might be located that produce a suitable waste stream that could be used for neutralization and denitrification of the alkaline treated soil. For example, the Fremont Company in Fremont, Ohio, produces tomato-based sauces, sauerkraut, and specialty foods. In particular, the late brine produced during sauerkraut fermentation is a waste stream that must be treated before discharge. Approximately 8.5 pounds of late brine are produced for every 100 pounds used in sauerkraut production. Late brine has the following characteristics (Hang, 2004):

pH	Chemical Oxygen Demand (mg/L)	Biological Oxygen Demand (mg/L)	Lactic Acid (mg/L)	NaCl (mg/L)	Total N (mg/L)	Total P (mg/L)
3.5	28,960	24,300	18,600	28,600	1,090	189

Fermentation of lactic acid in late brine would produce small molecular weight volatile fatty acids. The dissolved carbon and electrons produced during lactic acid oxidation could drive nitrate reduction in the treated soil, and the acidity of the brine would help neutralize the soil alkalinity. An undesirable characteristic of the late brine in its use as a neutralization agent is its high natural salinity. Bench-scale testing of any waste product of this type to confirm its effectiveness would be required prior to full-scale implementation.

USERDC has noted that the effects of high pH (greater than or equal to 12) on surface water, groundwater, soil chemistry, soil ecology, and plant growth are not well understood and remain to be addressed in future research (Hansen, et al., 2003). However, naturally alkaline soil ($8.5 \leq pH \leq 10.5$) is known to limit growth in some plant species because micronutrient metals such as iron and zinc are not as bioavailable due to reduced solubility in soil pore water (Brady and Weil, 2002). High sodium concentrations in soil from the application of large amounts of caustic soda may affect the soil structure by increasing colloidal dispersion and reducing the hydraulic conductivity of the soil. High levels of sodium are toxic in some plant species and can affect the uptake and utilization of other cations such as potassium (Brady and Weil, 2002). The alkaline hydrolysis-treated and neutralized soil may not be suitable as topsoil due to its high salt content.

3.2.7.3 Cost

The cost of full-scale treatment is not well documented in the available literature, but the technology may be less costly than competing technologies. Its relative cost effectiveness is the reason it was selected over composting and other treatment technologies at VAAP. Treatment durations are shorter than composting (three weeks versus six weeks) and the volume of treatment residuals is significantly less than that of composting.

3.2.7.4 Summary

Alkaline hydrolysis of contaminated soil at R2BG is a potentially feasible process option for attaining RGs in site soil. Therefore, the process is retained for further development as a remedial alternative in Chapter 4.0.

4.0 Development and Detailed Analysis of Remedial Alternatives

The goal of this chapter is to introduce, assess, and communicate the relative costs and benefits of the remedial alternatives selected for careful consideration. The evaluation criteria for this analysis are provided by EPA in *Guidance for Conducting Remedial Investigations and Feasibility Studies under CERCLA* (EPA, 1988). These criteria are based upon the NCP, Title 40 CFR, Section 300.430 (EPA, 1990). The results of this analysis will be presented in the proposed plan and decision document or other public information documents, following the consideration of state and federal regulatory and community input.

The RI/FS guidance (EPA, 1988) provides nine evaluation criteria for assessing alternatives within the context of a comprehensive FS. These criteria cover regulatory, technical, cost, institutional, and community considerations. Generally, the two threshold criteria are:

- Protection of human health and the environment
- Compliance with ARARs.

The five balancing criteria are:

- Long-term effectiveness and permanence
- Short-term effectiveness
- Reduction in toxicity, mobility, and volume
- Technical and administrative implementability
- Alternative cost including capital, O&M, and present value costs.

The final two criteria, which often are evaluated subsequent to the initial publication of the FS, are:

- State acceptance
- Community acceptance.

The first seven criteria will be fully evaluated in this FS. The final two criteria will be discussed briefly in the FS. Unofficial public feedback on potential remedial options has already been obtained through preliminary presentations given at the regular public meetings of the PBOW Restoration Advisory Board. The last two criteria will be officially evaluated through working-level discussions with state and federal regulators, as well as through the solicitation of community input from more formal public outreach activities. Once all of the FS criteria have been adequately considered and a remedial alternative is recommended, the proposed remedial

action will be presented to OEPA and the public in a proposed plan. The proposed plan will be presented at a Restoration Advisory Board meeting, where comments will be solicited from the public. At the end of the public comment period, a decision document will be prepared that, when approved, will be the basis for executing the selected remedial alternative for soil at R2BG.

4.1 Development of Remedial Alternatives

The following four alternatives were selected for detailed evaluation:

- Alternative 1 – No Action
- Alternative 2 – Excavation and Off-Site Treatment/Disposal
- Alternative 3 – Excavation, Windrow Composting, Chemical Stabilization, and On-Site and Off-Site Disposal
- Alternative 4 – Excavation, Alkaline Hydrolysis, Chemical Stabilization, and On-Site and Off-Site Disposal.

4.2 Alternative 1 - No Action

4.2.1 Description

A no-action alternative is required by the NCP to be carried forward as a baseline for detailed comparison. Under this alternative, no remedial action or monitoring would be conducted for contaminated soil at the site. Thus, this alternative fails to meet the RAOs for soil at R2BG.

4.2.2 Overall Protection of Human Health and the Environment

This alternative would not protect human health or the environment because no action would be taken to reduce the concentrations of COCs in soil to meet PBOW risk management goals or to prevent current or future receptors from exposure to COCs.

4.2.3 Compliance with ARARs

There are no chemical-specific ARARs or TBCs for soil. Location- and action-specific ARARs are not applicable to this alternative because no remedial action would be taken. Alternative 1 would leave concentrations of COCs in soil above risk-based RGs that were developed using EPA toxicity data. The alternative would also leave concentrations of lead in soil above the EPA residential screening criterion for lead of 400 mg/kg, which is based on EPA (1998) guidance and the IEUBK child blood lead model (EPA, 2010b).

4.2.4 Long-Term Effectiveness

This alternative would not result in any permanent reduction of potential risk to human health or the environment. No periodic review would take place to evaluate future site conditions.

4.2.5 Reduction of Toxicity, Mobility, or Volume

This alternative does not employ any remedial component that would permanently or significantly reduce the toxicity, mobility, or volume of contaminants in soil.

4.2.6 Short-Term Effectiveness

There are no short-term impacts from this alternative because no remedial action would be taken.

4.2.7 Implementability

There are no technical or administrative implementation issues associated with this alternative.

4.2.8 Cost

There is no cost impact associated with this alternative.

4.2.9 State Acceptance

This criterion will be evaluated in the decision document for the remedial action, after a public meeting has been conducted and the public comment period has concluded.

4.2.10 Community Acceptance

This criterion will be evaluated in more detail in the decision document for the remedial action, after a public meeting has been conducted and the public comment period has concluded.

4.3 Alternative 2 – Excavation and Off-Site Treatment/Disposal

4.3.1 Description

Alternative 2 combines excavation and off-site treatment and disposal in order to achieve the RAOs for soil at R2BG. No on-site treatment would be performed under Alternative 2. The proposed approach is to excavate all the areas in which the concentrations of COCs in soil exceed the RGs defined in Chapter 2.0. The total estimated consolidated (in place) volume of contaminated soil from R2BG is 7,395 yd^3. Once this soil is excavated, the total volume of unconsolidated material is estimated to be 9,614 yd^3 (30 percent swell).

Soil within the remedial area would be excavated and screened to remove oversize material. The excavated soil would be transported to the staging area for screening. The screened soil would be

stockpiled at the staging area for subsequent off-site disposal. Soil adhering to the oversize material would be removed so that the oversize material could be returned to the excavation. Any oversize material not appropriate for use as backfill would be disposed off site along with the rest of the contaminated soil.

Following excavation of the contaminated soil, representative soil samples from each area would be analyzed using the TCLP test. Section 2.4.1 summarizes the applicable regulations used to determine if the excavated soil is a hazardous waste. Soil that passes the TCLP tests can be disposed in a nonhazardous waste landfill. Based on existing soil data from R2BG, the consolidated volume of excavated soil that may be classified as a characteristic hazardous waste is estimated at 7,395 yd^3, or 100 percent of the total excavated soil. All the excavated soil would be transported off site for disposal at a hazardous waste transportation, storage, and disposal facility (TSDF). The TSDF would treat any waste material that did not comply with the LDR treatment standards prior to disposal. It is estimated that the TSDF would treat 6,095 yd^3 of consolidated soil to reduce the concentration of 2,4-DNT and 3,602 yd^3 of consolidated soil to reduce the leachable concentration of lead.

It should be noted that the volume of remedial soil that requires disposal as a hazardous waste may be overestimated in the FS due to the use of the “20 times rule” to estimate the volume of hazardous soil. During the remedial action, the TCLP test would be used to characterize the soil, and some of the soil that was identified as potentially hazardous in the FS (particularly lead) may actually be nonhazardous and suitable for disposal at an off-site nonhazardous waste landfill. This would reduce the total cost of site remediation presented in Section 4.3.8. If total concentration data and TCLP data for 2,4-DNT and lead from past remedial actions at PBOW are available, the data could potentially be used to provide a more realistic volume estimate of the hazardous soil.

4.3.2 Overall Protection of Human Health and the Environment

Alternative 2 would protect human health by excavating contaminated soil with concentrations of COCs above the RGs. Ecological receptors would also benefit, in that removal of the most contaminated soil would result in lowering the EHQs calculated for various receptors in the SLERA. The soil removal would also mitigate the migration of soil contaminants to groundwater.

The alternative provides adequate protection against the potential hazards of contaminants in excavated soil by transporting the contaminated soil to a disposal facility designed, constructed, and maintained to permanently manage such waste materials. Once the contaminated soil was

excavated, soil classified as hazardous based on TCLP testing would be treated and/or disposed of in a RCRA hazardous waste TSDF.

4.3.3 Compliance with ARARs

The alternative would comply with all ARARs. There are no chemical-specific ARARs or TBCs for soil. There are no location-specific ARARs for this alternative at R2BG. The remedial alternative would comply with all the action-specific ARARs listed in Table 2-3. Alternative 2 would remove soil with concentrations of COCs above risk-based RGs that were developed using EPA toxicity data. The alternative would also remove soil with concentrations of lead above the EPA residential screening criterion for lead of 400 mg/kg, which is based on EPA (1998) guidance and the IEUBK child lead model (EPA, 2010b).

4.3.4 Long-Term Effectiveness

The long-term effectiveness of Alternative 2 is achieved through the removal of contaminated soil with COCs at concentrations above RGs. As previously discussed, the alternative would be effective in protecting potential receptors from direct exposure to COCs in soil. The removal of the most highly contaminated soil would also reduce the mass transport of soil contaminants to groundwater.

The alternative would not require the maintenance of any long-term controls at the site to manage residual risk from direct exposure to soil.

4.3.5 Reduction of Toxicity, Mobility, or Volume

Although Alternative 2 would reduce the mass and volume of contaminated media remaining at the site, net reductions in contaminant mass would only be achieved by off-site treatment processes at the TSDF. Some of the excavated soil would require treatment at the TSDF to meet LDRs prior to disposal. On-site remedial activities strictly transfer COCs from one location on site to another off site. As a result**,** Alternative 2 would not comply with the statutory preference for selecting remedial actions that employ treatment technologies that permanently and significantly reduce the toxicity, mobility, or volume of hazardous substances as their principal element. However, transferring waste material from an uncontrolled disposal site to a managed disposal facility that is designed and constructed to prevent the release of contaminants to the environment would restrict the mobility of COCs in excavated soil.

4.3.6 Short-Term Effectiveness

The implementation of Alternative 2 would not present any significant health threats to the community. The excavation of contaminated soils would be performed within the confines of

PBOW at a sufficient distance from the property boundaries that the nearby community should not be affected. Proper decontamination and waste transportation practices would be followed to prevent the spread of contamination when equipment or waste materials leave the site.

Alternative 2 does not present site workers with any unusual health or safety concerns for a remediation project. A hazard evaluation would be performed prior to the commencement of the removal action, and a health and safety plan would be followed during site activities to ensure that risks to workers were minimized. Remediation workers would be provided with the appropriate personal protective equipment (PPE) in accordance with the health and safety plan.

Environmental impacts during remediation would be mitigated primarily through measures designed to ensure that contamination is not spread during remedial activities. This includes measures such as dust controls during excavation, decontamination procedures for equipment and personnel, and storm water runoff and run-on controls.

It is estimated that 25 months would be required to complete remedial activities, from the initiation of work plans to disposal of contaminated soil, backfilling of excavated areas, and completion of a site closeout report. Table 4-1 provides additional detail on the individual work elements involved in the execution of this alternative.

4.3.7 Implementability

This alternative is technically and administratively implementable.

Compliance sampling of the sidewall and bottom areas of the excavation and analysis of the soil samples for COCs would be used to monitor the effectiveness of excavation in removing soil contaminated above RGs.

The alternative does not preclude additional remedial action for soil if needed.

Alternative 2 does not present any unusual regulatory requirements that would compromise the administrative feasibility of the remedial approach.

4.3.8 Cost

The detailed cost evaluation associated with the implementation of Alternative 2 is presented in Table 4-1. The estimated capital cost for Alternative 2 is $3.5 million. The capital cost includes a 25 percent contingency.

A contingency of 25 percent has been added to the cost estimate to account for uncertainty in the estimated volume of soil requiring remediation and to provide an allowance for cost elements that are not identifiable at the present time. Due to the relatively short time frame over which the remedial alternative would be completed, all costs associated with its implementation are classified as capital costs. Accordingly, there are no O&M costs for this alternative, and the present value cost is equivalent to the capital cost.

4.3.9 State Acceptance

This criterion will be evaluated in the decision document for the remedial action after a public meeting has been conducted and the public comment period has concluded.

4.3.10 Community Acceptance

This criterion will be evaluated in more detail in the decision document for the remedial action after a public meeting has been conducted and the public comment period has concluded.

4.4 Alternative 3 – Excavation, Windrow Composting, Chemical Stabilization, and On-Site and Off-Site Disposal

4.4.1 Description

Alternative 3 includes the following components:

- Excavation of contaminated soil within proposed remediation areas
- Windrow composting of soil that would be a hazardous waste due to elevated concentrations of 2,4-DNT
- Chemical stabilization of soil that would be a hazardous waste due to elevated concentrations of lead
- On-site disposal of treated soil that attains RGs for all COCs and that has not been stabilized for lead
- Off-site disposal as a nonhazardous waste of all treated soil that exceeds RGs for COCs or that requires stabilization for lead. Treated soil that is a nonhazardous waste would be disposed at an approved landfill for CERCLA waste.

Approximately 7,395 yd^3 of consolidated (in place volume) soil would be excavated, with 6,095 yd^3 of consolidated soil treated using windrow composting. The soil to be composted exceeds the "20 times rule" for 2,4-DNT (above 2.6 mg/kg). This soil would be treated to render the soil nonhazardous for 2,4-DNT. An estimated 3,602 yd^3 of consolidated soil would be chemically

stabilized. The soil to be stabilized exceeds the “20 times rule” for lead (above 100 mg/kg). This soil would be treated to reduce the leachable concentration of lead below the TCLP limit. It is estimated that 2,302 yd^3 of consolidated soil would be composted and chemically stabilized due to hazardous concentrations of both 2,4-DNT and lead. Figure 2-1 defines the remedial area.

Soil inside the burn area excavated from the 2 to 8 feet bgs layer exceeds the RGs for NACs only. If composted soil from this layer (3,793 yd^3 on a consolidated basis) complied with RGs for all COCs, it could be returned to the burn area and backfilled or spread across the site as surface cover. For cost estimating purposes in this FS, it is assumed that all composted soil from the 2 to 8 feet bgs layer inside the burn area will be placed back on site.

It is estimated that the volume of treated soil (3,602 yd^3 on a consolidated basis) excavated from the top 2 feet at the site would be stabilized for lead. This layer of soil also contains concentrations of NACs, PCDD/Fs, or PCBs that exceed RGs. The lead-stabilized soil is not suitable for on-site backfill because the residual risk associated with the reduced bioavailability of lead in soil cannot be adequately quantified. Additionally, composting does not effectively treat PCDD/Fs and PCBs. Therefore, it is assumed that soil excavated from the top 2 feet within the entire remedial area would require off-site disposal.

It is assumed that 3,793 yd^3 of excavated soil (consolidated basis) would be placed back on site after treatment. It is assumed that the 3,602 yd^3 of excavated soil (consolidated basis) would be disposed off site in a nonhazardous waste landfill. The actual volume of treated material to be disposed would be larger due to the volume increase of the soil during excavation (30 percent swell assumed). The disposal volume of composted soil would also be increased due to the addition of composting amendments and lead stabilization chemicals (Table 4-2).

It should be noted that the volume of remedial soil that requires treatment may be overestimated in the FS due to the use of the “20 times rule” to estimate the volume of hazardous soil. During remediation, the TCLP test would be used to characterize the soil, and some of the soil that was identified as potentially hazardous in the FS (particularly for lead) may actually be nonhazardous and suitable for direct disposal without treatment at an off-site nonhazardous waste landfill. This would reduce the total cost of site remediation presented in Section 4.4.8. Total concentration and TCLP data available for 2,4-DNT and lead from past remedial actions at PBOW could potentially be used to provide a more realistic volume estimate of the hazardous soil.

The conceptual design of the composting technology was based on previous experience with composting at PBOW. Design factors that significantly influence the cost of the remedial

technology (e.g., size of the treatment area, windrow size, composting batch times, type and cost of equipment used, type and cost of operating labor, management of waste residuals) were based on the previous field implementation of the technology. The treatment area previously prepared at PBOW for windrow composting of contaminated soil from the Pentolite Road Red Water Ponds would be used for R2BG composting operations. The composting treatment area would be 800 feet long by 260 feet wide and surrounded by an earthen berm to contain storm water runoff. Treatment operations would be conducted in the open. The treatment area is graded and compacted to a 2 percent slope to control storm water. The treatment area is not covered with an artificial surface such as asphalt or concrete. The windrows would be constructed within the treatment area and stockpiles of amendments, untreated soil, and treated compost would be staged in the area.

Storm water would be pumped from sumps on the lower end of the treatment area to a 260-foot-long by 30-foot-wide by 3-foot-deep contact water retention basin. The basin is lined with 60-mil plastic. Water in the basin would be applied to the windrows as needed to maintain the moisture content of the compost. Excess water would be trucked off site to an industrial wastewater treatment facility. No on-site treatment of contact water would be required.

Soil within the remediation area would be excavated and screened to remove oversize material and reduce particle size to increase the efficiency of the composting and stabilization processes. The excavated soil would be transported to the composting treatment area for screening. The screened soil would be stockpiled at the compost facility for treatment or disposal. Soil adhering to the oversize material would be removed so that the oversize material would be returned to the excavation. Any oversize material not appropriate for use as backfill would be disposed off site at an approved disposal facility.

Amendments would be brought to the facility as needed so that large amounts of amendments would not be required to be stored on site. This minimizes the cost of amendment storage as well as odor problems associated with manure, as the odor increases with storage duration. Equipment, labor, and amendments needed to run the composting operation are available locally.

It is assumed that the compost mixture would consist of 25 percent by volume (74.7 percent by weight) contaminated soil, 72 percent by volume (19.6 percent by weight) straw, and 3 percent by volume (5.7 percent by weight) chicken manure. The volume of the initial compost mixture is estimated to be 80 percent of the sum of the component volumes. The compost would be constructed into windrows 16 feet wide by 6 feet high. A treatment cycle for each batch is assumed to require six weeks: five weeks for treatment and one week for curing and analytical

testing. The treatment cycles for windrows would be staggered so that the windrows did not complete the treatment cycle at the same time.

The compost would be turned periodically with the windrow turner to mechanically aerate the material. After the compost is turned, microorganisms within the pile aerobically degrade organic compounds until the available oxygen within the pile is utilized. Beyond this point, further contaminant degradation is achieved through an anaerobic process. The periodic turning of the compost pile permits the composting process to alternate between aerobic and anaerobic treatment phases. This is the most effective approach to the biological degradation of nitroaromatic explosives.

Precompliance testing of the compost would consist of sampling the compost immediately after formation and once a week during treatment. One composite sample would be collected from each windrow each week and analyzed as follows: TNT colorimetric field test and total NACs (off-site laboratory).

If the precompliance results indicate that cleanup levels had been achieved, compliance samples would then be collected to confirm the results of the precompliance testing. For cost estimating purposes in this FS, it assumed that one composite compliance sample would be collected per windrow. The actual sampling and analytical strategy employed during remediation would be subject a Project Delivery Team decision.

Treated soil that complied with RGs for all COCs would be placed back on site. Treated soil that does not comply with RGs for all COCs but that passes the TCLP test may be disposed in a nonhazardous waste landfill. Under this alternative, any soil classified as hazardous waste would be composted on site to achieve nonhazardous waste classification and comply with LDR requirements prior to on-site placement or off-site disposal.

Soil contaminated with hazardous levels of both 2,4-DNT and lead would be composted first and then chemically stabilized. Lead-contaminated soil under this alternative would be chemically stabilized using phosphate chemicals. Lead-contaminated soil from other sites at PBOW was stabilized using the Maectite® process developed by Sevenson Environmental Services, Inc. (SES). Maectite is a cost-effective technology because the chemical can be mixed into the soil using an excavator. This approach is also possible with other commercially available phosphate chemicals (Apatite II, calcium phosphate, super triple phosphate fertilizer, phosphoric acid, etc.). The lead stabilization cost estimate for this alternative was based on the use of Apatite II because typical application rates and unit cost information for the process are readily available.

4.4.2 Overall Protection of Human Health and the Environment

Alternative 3 would protect human health by excavating and treating contaminated soil with concentrations of COCs above the RGs. Ecological receptors would also benefit, in that removal and treatment of the most contaminated soil would significantly lower the EHQs calculated for various receptors in the SLERA (Table 2-2). The soil removal and treatment would also mitigate the migration of soil contaminants to groundwater.

The alternative provides adequate protection against the potential hazards of contaminants in excavated soil through the combination of treatment and waste management technologies. Once the contaminated soil was excavated, the soil with elevated levels of 2,4-DNT would be biologically treated via windrow composting to render it nonhazardous for disposal. Soil with elevated lead concentrations would be chemically stabilized to render it nonhazardous. Treated soil that complied with LDR requirements and that was not a hazardous waste would be disposed off site in a nonhazardous waste landfill. Treated soil that met RGs for all COCs could be placed back on site.

4.4.3 Compliance with ARARs

The alternative would comply with all ARARs. There are no chemical-specific ARARs or TBCs for soil. There are no location-specific ARARs for this alternative at R2BG. The remedial alternative would comply with all the action-specific ARARs listed in Table 2-3. Alternative 3 would remove soil with concentrations of COCs above risk-based RGs that were developed using EPA toxicity data. The alternative would also remove soil with concentrations of lead above the EPA residential screening criterion for lead of 400 mg/kg, which is based on EPA (1998) guidance and the IEUBK child blood lead model (EPA, 2010b).

4.4.4 Long-Term Effectiveness

The long-term effectiveness of Alternative 3 is achieved through the removal of soil contaminated with COCs at concentrations above the RGs and treatment of soil to comply with RGs if possible; if not, soil with elevated concentrations of 2,4-DNT and lead will be treated to render it nonhazardous. As previously discussed, the alternative would be effective in protecting potential receptors from direct exposure to COCs in soil. The removal and treatment of the most highly contaminated soil would also reduce the mass transport of soil contaminants to groundwater. The residual risk for treated soil that meets RGs and is placed back on site would be acceptable for unrestricted use.

The alternative would not require the maintenance of any long-term controls at the site to manage residual risk from direct exposure to soil.

4.4.5 Reduction of Toxicity, Mobility, or Volume

Alternative 3 would comply with the statutory preference for selecting remedial actions that employ treatment technologies that permanently and significantly reduce the toxicity, mobility, or volume of hazardous substances as their principal element. The treatment of contaminated soils by windrow composting would reduce the toxicity and mobility of NACs in soil through a combination of biological degradation and immobilization via covalent binding with humic substances in the compost. Chemical stabilization of lead-contaminated soil reduces the mobility of lead in the treated soil.

Under this alternative, an estimated 11,415 yd^3 of treated material (compost and stabilized soil) would be managed for disposal at an approved nonhazardous waste landfill. An estimated 15,818 yd^3 of compost would be spread across the site. Compost volumes are larger than the excavated soil volumes due to the addition of amendments (Table 4-2). It is assumed that all of the excavated soil would be treated prior to on-site or off-site disposal.

4.4.6 Short-Term Effectiveness

The implementation of Alternative 3 would not present any significant health threats to the community. The excavation and treatment of contaminated soils would be performed within the confines of PBOW at a sufficient distance from the property boundaries that the nearby community should not be affected. The composting and stabilization processes would be managed to minimize the generation of dust or nuisance odors during remediation. Proper decontamination and waste transportation practices would be followed to prevent the spread of contamination when equipment or waste materials leave the site.

Alternative 3 does not present site workers with any unusual health or safety concerns. A hazard evaluation would be performed prior to the commencement of the removal action, and a health and safety plan would be followed during site activities to ensure that risks to workers were minimized. Remediation workers would be provided with the appropriate PPE in accordance with the health and safety plan.

Environmental impacts during remediation would be mitigated primarily through measures designed to ensure that contamination was not spread during remedial activities. These include measures such as dust controls during excavation and treatment, decontamination procedures for equipment and personnel, and storm water runoff and run-on controls.

It is estimated that 34 months would be required to complete remedial activities under Alternative 3 in one field event, from the initiation of work plans to backfilling of excavated areas, disposal of treatment residuals, and completion of a site closeout report. Table 4-2 provides additional detail on the individual work elements involved in the execution of this alternative.

4.4.7 Implementability

Windrow composting is a reliable technology, as it has been implemented at a number of remediation sites to treat soil contaminated with nitroaromatic explosives, PAHs, and other chemicals such as pesticides. Composting technology has also been widely used in the treatment of agricultural wastes and the management of treatment residuals from municipal wastewater treatment plants. Chemical stabilization has been used at numerous sites to immobilize lead in soil both as an in situ and ex situ technology. As a result, a number of contractors are experienced in implementing these technologies, and equipment is readily available. Equipment, personnel, and amendments are available locally for composting. Phosphate-based chemical stabilization reagents are available from multiple suppliers.

Compliance sampling of the sidewall and bottom areas of the excavation and analysis of the soil samples for COCs can be used to monitor the effectiveness of excavation in removing soil contaminated above RGs.

The effectiveness of the composting process is easily monitored by periodic sampling and analysis of the compost during and after the treatment process. Colorimetric field analytical methods may be utilized during precompliance testing to augment analytical work performed by off-site laboratories to lower analytical costs. Standard fixed-base laboratory analyses would be used for final compliance sampling after treatment was complete for each batch of compost. The composting treatment process could be extended for any composted material that failed compliance testing. Alternatively, batches of composted soil that did not comply with the TCLP criteria for 2,4-DNT could be managed off site as a hazardous waste.

The stabilization process is monitored after treatment is complete by TCLP testing to demonstrate that the leachable concentrations of lead in samples of the stabilized matrix are below the maximum levels permissible in the LDRs. If batches of the stabilized soil did not pass the TCLP test, the soil could be reprocessed or managed off site as a hazardous waste.

The alternative does not preclude additional remedial action for soil, if needed.

Alternative 3 does not present any unusual regulatory requirements that would compromise the administrative feasibility of the remedial approach. Landfills receiving treated soil from R2BG would be approved for disposal of CERCLA waste.

4.4.8 Cost

The detailed cost evaluation for the implementation of Alternative 3 for R2BG is presented in Table 4-2. The estimated capital cost for Alternative 3 is $3.8 million.

A contingency of 25 percent has been added to the cost estimate to account for uncertainty in the estimated volume of soil requiring remediation and to provide an allowance for cost elements that are not identifiable at the present time. Due to the relatively short time frame over which the remedial alternative would be completed, all costs associated with its implementation are classified as capital costs. Accordingly, there are no O&M costs for this alternative, and the present value cost is equivalent to the capital cost.

4.4.9 State Acceptance

This criterion will be evaluated in the decision document for the remedial action after a public meeting has been conducted and the public comment period has concluded. The state has accepted this technology for four other PBOW sites.

4.4.10 Community Acceptance

This criterion will be evaluated in more detail in the decision document for the remedial action after a public meeting has been conducted and the public comment period has concluded. The public has accepted this technology for four other PBOW sites.

4.5 Alternative 4 – Excavation, Alkaline Hydrolysis, Chemical Stabilization, and On-Site and Off-Site Disposal

4.5.1 Description

Alternative 4 includes the following components:

- Excavation of contaminated soil within proposed remediation areas.
- Alkaline hydrolysis of soil that would be a hazardous waste due to elevated concentrations of 2,4-DNT.

- Chemical stabilization of soil that would be a hazardous waste due to elevated concentrations of lead.

- On-site disposal of treated soil that attains RGs for all COCs and that has not been stabilized for lead.

- Off-site disposal as a nonhazardous waste all treated soil that exceeds RGs for COCs or that requires stabilization for lead. Treated soil that is a nonhazardous waste would be disposed at an approved landfill for CERCLA waste.

Approximately 7,395 yd^3 of consolidated (in place volume) soil would be excavated, with 6,095 yd^3 of consolidated soil treated using alkaline hydrolysis. The soil to be treated using alkaline hydrolysis exceeds the "20 times rule" for 2,4-DNT (above 2.6 mg/kg). This soil would be treated to render the soil nonhazardous for 2,4-DNT and to reduce the concentrations of NACs to RGs where practical. An estimated 3,602 yd^3 of consolidated soil would be chemically stabilized. The soil to be stabilized exceeds the "20 times rule" for lead (above 100 mg/kg). This soil would be treated to reduce the leachable concentration of lead below the TCLP limit. It is estimated that 2,302 yd^3 of consolidated soil would be treated using alkaline hydrolysis and chemical stabilization due to hazardous concentrations of both 2,4-DNT and lead.

Soil inside the burn area excavated from the 2 to 8 feet bgs layer exceeds the RGs for NACs only. Alkaline hydrolysis-treated soil from this layer may comply with RGs for all COCs, and it is possible that this volume of soil (3,793 yd^3 on a consolidated basis) could be returned to the burn area as subsurface backfill. However, neutralization of the soil would likely be required before backfilling. It is assumed in this FS that treated soil inside the burn area within this layer will be placed back on site as backfill after neutralization.

The remaining volume of soil (3,602 yd^3 on a consolidated basis) excavated from the top 2 feet of the remedial area would be stabilized for lead. This layer of soil also contains concentrations of NACs, PCDD/Fs, or PCBs that exceed RGs. The lead-stabilized soil is not suitable for on-site backfill because the residual risk associated with the reduced bioavailability of lead in soil cannot be adequately quantified. Although alkaline hydrolysis could reduce the concentrations of NACs to RGs, it does not effectively treat PCDD/Fs and PCBs. Therefore, it is assumed that soil excavated from the top 2 feet within the remedial area (3,602 yd^3 on a consolidated basis) would require off-site disposal at a nonhazardous waste landfill.

The actual volume of treated material to be disposed would be larger due to the volume increase of the soil after excavation. The total volume of unconsolidated soil after excavation is estimated to be 9,614 yd^3 (30 percent swell assumed for the 7,395 yd^3 of excavated soil). Unlike

composting, alkaline hydrolysis and chemical stabilization do not significantly increase the volume of soil for disposal (less than or equal to 10 percent volume increase).

It should be noted that the volume of remedial soil that requires treatment may be overestimated in the FS due to the use of the "20 times rule" to estimate the volume of hazardous soil. During remediation, the TCLP test would be used to characterize the soil and some of the soil that was identified as potentially hazardous in the FS (particularly lead) may actually be nonhazardous and suitable for direct disposal without treatment at an off-site nonhazardous waste landfill. This would reduce the total cost of site remediation presented in Section 4.5.8. If total concentration data and TCLP data for 2,4-DNT and lead from past remedial actions at PBOW are available, the data could potentially be used to provide a more realistic volume estimate of the hazardous soil.

Soil within the remediation areas would be excavated and screened to remove oversize material and reduce particle size to increase the efficiency of the alkaline hydrolysis and stabilization processes. The excavated soil would be transported to the treatment area for screening. The screened soil would be stockpiled at the treatment facility for treatment or disposal. Soil adhering to the oversize material would be removed so that the oversize material could be returned to the excavation. Any oversize material not appropriate for use as backfill would be disposed off site at an approved disposal facility.

The conceptual design of the alkaline hydrolysis technology was based on both previous experience at VAAP (Tetra Tech, Inc., 2008b) and the Shaw TDL alkaline hydrolysis treatability study. Alkaline hydrolysis would be implemented by adding caustic soda and ferric chloride to the excavated soil. NAC-contaminated soil would be treated in 300-yd^3 batches, approximately 52 feet square by 3 feet deep per treatment cell. It is estimated that the remediation field crew could have four or five treatment cells in process at the same time within the treatment area. Sixteen batches would be required to complete treatment at R2BG.

Based on the Shaw TDL treatability study, approximately 61 pounds of caustic soda would be required per yd^3 of soil. The application rate of caustic soda during full-scale remediation at VAAP was less (Britto, et al., 2010). For cost estimating purposes in the FS, the higher dosage of caustic soda is assumed. Caustic soda pellets would be discharged from a supersack into the treatment cell and mixed into the soil using an excavator and/or wheel loader. Water would be applied to the soil to promote dissolution of the caustic soda. A 30 percent solution of ferric chloride would be sprayed on the soil at the ratio of 1 gallon of ferric chloride solution per yd^3 of soil. Full-scale treatment at VAAP indicates that ferric chloride may not be required as a catalyst (Britto, et al., 2010). This should be evaluated during the early stages of remediation with some

field trials to determine if ferric chloride is actually needed to achieve RAOs. Ferric chloride usage is assumed for cost estimating purposes in the FS. The batch of soil would be turned every other day and moisture applied as necessary to maintain proper moisture content in the soil for the alkaline hydrolysis reaction. Soil moisture content is important because it affects the efficiency (and duration) of treatment.

Early pilot test work on the technology indicated that a batch treatment time of 7 to 10 days is adequate (Tetra Tech, Inc., 2008a). However, the most recent full-scale information on the process from VAAP indicates about 21 days of treatment is required per batch (Britto, et al., 2010). The difference in treatment duration between pilot and full-scale tests may be attributable to differences in dosage of treatment chemicals. There is probably a trade-off between the amount of caustic soda used, the amount of neutralization agent required, the rate of treatment reactions, and the duration and cost of treatment. Early field trials during remedial action should vary these operating parameters to determine what set of parameters provides the lowest unit cost treatment. For cost estimating purposes in the FS, the longer 21-day treatment time is assumed.

The Shaw TDL bench-scale treatability study results indicate that ferrous sulfate would be a cost-effective way to neutralize the caustic soda added to soil during alkaline hydrolysis treatment. Approximately 108 pounds of ferrous sulfate would be required per yd^3 of soil to neutralize all the caustic soda applied to the soil. This application rate of ferrous sulfate for neutralization is estimated to add approximately 14,200 mg/kg of iron to the soil. This is in addition to the proposed 400 mg/kg of iron from ferric chloride addition during alkaline hydrolysis. Together, alkaline hydrolysis and neutralization could increase the iron concentration in soil by 14,600 mg/kg. The maximum iron concentration detected in soil at R2BG is 40,460 mg/kg. After treatment, the maximum theoretical iron concentration in soil would be 55,060 mg/kg. The EPA RSL for iron in residential soil is 55,000 mg/kg (EPA, 2010c). Therefore, it is anticipated that the use of ferrous sulfate as a neutralization agent would not result in an unacceptable human health risk.

Neutralization of the soil is required to reduce the corrosivity of the soil for unrestricted future land use. The alkaline hydrolysis-treated soil is not a corrosive characteristic waste under RCRA because the corrosive characteristic does not apply to solids. However, the soil should be neutralized if returned to the site so that it would not cause chemical burns to humans or ecological receptors that could be exposed to it in the future. High pH soil can also inhibit plant growth because micronutrient metals are less bioavailable (Section 3.2.7.2). It is recommended that neutralized soil be used as subsurface backfill only (more than or equal to 2 feet bgs) because the elevated salinity of the neutralized soil could also inhibit some plant growth (Section

3.2.7.2). Alternatively, the alkaline hydrolysis-treated soil could be disposed off site, perhaps without neutralization if acceptable to the receiving landfill. Partial neutralization of alkaline hydrolysis-treated soil would also likely be required for soil co-contaminated with lead to ensure effective lead immobilization (see discussion below). It is assumed for cost estimating purposes in the FS that all alkaline hydrolysis-treated soil will require neutralization.

Nitrite is a major reaction product of alkaline hydrolysis with NACs (Britto, et al., 2010). Citric acid was used at VAAP to facilitate microbial denitrification and neutralization of the alkaline hydrolysis-treated soil (Britto, et al., 2010). Citric acid may not be an appropriate denitrification and/or neutralization agent for soil co-contaminated with NACs and lead. Citric acid is a chelating agent that could make it difficult if not impossible to immobilize lead in soil (Shaw, 2011). At VAAP, approximately 20 percent of the treated soil required denitrification to comply with the site-specific RG for nitrite (Britto, et al., 2010). The potential need for denitrification of alkaline hydrolysis treated soil at R2BG can be evaluated by calculating the maximum theoretical nitrite concentration that would be produced based on the analytical data available for the site. The highest total NAC concentration was detected in sample TR08-1-A (1 to 2 feet bgs) inside the burn area. NAC concentrations in this sample were 35,400 mg/kg 2,4,6-TNT, 46.1 mg/kg 1,3,5-TNB, 9,700 mg/kg 2,4-DNT, and 342 mg/kg 2-amino-4,5-dinitrotoluene. If 100 percent of the nitrogen in these constituents were converted to nitrite, the nitrite concentration in soil would be 26,683 mg/kg. An alkaline hydrolysis laboratory treatability study on VAAP soil contaminated with NACs demonstrated that 90 percent of the nitrogen in the NACs was converted into nitrite (Britto, et al., 2010). Therefore, using this conversion factor, the worst-case nitrite concentration in alkaline hydrolysis-treated soil at R2BG would be 24,015 mg/kg. The EPA RSL for nitrite in residential soil is 7,800 mg/kg. If this calculation is performed for each soil sample at R2BG, only 2 of the 35 samples analyzed for NACs have a nitrite equivalent concentration greater than the RSL of 7,800 mg/kg (TR08-1-A and TR09-1-A). Both of these samples are located in the top 2 feet of soil inside the burn area and are destined for off-site disposal because they are also contaminated with PCDD/Fs and PCBs that are not effectively treated by alkaline hydrolysis. The residual nitrite concentration in soil is an issue for on-site disposal only, and denitrification will not be required for off-site disposal. Therefore, it is assumed in the FS that denitrification of alkaline hydrolysis-treated soil will not be required.

Soil contaminated with hazardous levels of both 2,4-DNT and lead would be first treated with alkaline hydrolysis and then chemically stabilized. Lead stabilization of the soil would occur in the same treatment cell used for alkaline hydrolysis without relocating the soil. Lead-contaminated soil is effectively chemically stabilized using phosphate chemicals. Lead-contaminated soil from other sites at PBOW was stabilized using the Maectite process developed

by SES. Maectite stabilization chemistry precipitates lead as lead-substituted mineral forms from the barite (e.g., anglesite or lead sulfate) and apatite (e.g., hydroxypyromorphite) mineral groups (SES, 2011). Maectite is a cost-effective technology because the chemical can be mixed into the soil using an excavator. This approach is also possible with other commercially available phosphate chemicals (Apatite II, calcium phosphate, super triple phosphate, phosphoric acid, etc.).

The lead stabilization cost estimate in the FS is based on the use of Apatite II because it provides a conservative cost estimate and typical application rates and unit cost information for the process are readily available (Environmental Security Technology Certification Program, 2006; PIMS NW, Inc., 2011). However, it is quite possible that lead could be immobilized in soil by manipulating the soil pH without phosphate treatment. Lead typically has a minimum solubility in the pH range 8.5 to 10.5 (Shaw, 2011). Therefore, neutralization of the alkaline hydrolysis-treated soil would be required to decrease the soil pH within the range of minimum lead solubility. The soil could be neutralized with ferrous sulfate and magnesium hydroxide (approximately 3 weight percent) added to buffer the soil pH. Magnesium hydroxide has a saturation pH of 10.5 (Shaw, 2011). The type of lead stabilization reagent used is a value engineering judgment that could require additional laboratory testing to support an informed decision.

The treatment area previously prepared at PBOW for windrow composting of contaminated soil from the Pentolite Road Red Water Ponds would be used for alkaline hydrolysis and stabilization operations. The treatment cells would be constructed within the treatment area, and stockpiles of treated and untreated soil would be staged in the area. Storm water would be pumped from sumps on the lower end of the treatment area to a 260-foot-long by 30-foot-wide by 3-foot-deep contact water retention basin. The basin would be lined with 60-mil plastic. Water in the basin would be applied to the soil as needed to maintain the moisture content during treatment. Excess water would be transported off site to an industrial wastewater treatment facility. No on-site treatment of contact water would be required.

Precompliance (in-process) testing of the alkaline hydrolysis-treated soil involves taking samples for field pH measurements to determine if treatment is uniform throughout the batch. Compliance testing for the alkaline hydrolysis technology would be performed in two phases. The first phase would take place at the end of treatment with caustic soda and ferric chloride. A composite sample would be collected from each 300-yd^3 batch and analyzed for total NACs, nitrate/nitrite, and TCLP 2,4-DNT. The second phase of compliance testing would be performed at the end of soil neutralization, if needed. A composite sample would be collected from each

300-yd^3 batch and analyzed for pH (field test) and nitrate/nitrite (off-site laboratory), if necessary.

If the precompliance results indicated that cleanup levels had been achieved, compliance samples would then be collected to confirm the results of the definitive analyses used for precompliance testing. For cost estimating purposes in this FS, it assumed that one composite compliance sample would be collected per treatment cell. The actual sampling and analytical strategy employed during remediation would be subject to a Project Delivery Team decision.

Compliance testing for the chemical stabilization technology involves collecting one composite sample from each treatment cell for TCLP lead analysis. This sampling and analytical strategy is proposed as the basis for estimating remedial costs only. The actual sampling and analytical strategy employed during remediation would be subject to a Project Delivery Team decision.

4.5.2 Overall Protection of Human Health and the Environment

Alternative 4 would protect human health by excavating contaminated soil with concentrations of COCs above the RGs. Ecological receptors would also benefit, in that removal of the most contaminated soil would significantly lower the EHQs calculated for various receptors in the SLERA (Table 2-2). The soil removal would also mitigate the migration of soil contaminants to groundwater.

The alternative provides adequate protection against the potential hazards of contaminants in excavated soil through the combination of treatment and waste management technologies. Once the contaminated soil was excavated, the soil with elevated levels of 2,4-DNT would be chemically treated via alkaline hydrolysis to render it nonhazardous for disposal. Soil with elevated lead concentrations would be chemically stabilized to render it nonhazardous. Alkaline hydrolysis-treated soil that met RGs and LDR requirements could be placed back on site. All lead-stabilized soil that complied with LDR requirements and that was not a hazardous waste would be disposed of off site in a nonhazardous waste landfill.

4.5.3 Compliance with ARARs

The alternative would comply with all ARARs. There are no chemical-specific ARARs or TBCs for soil. There are no location-specific ARARs for this alternative at R2BG. The remedial alternative would comply with all the action-specific ARARs listed in Table 2-3. Alternative 4 would remove soil with concentrations of COCs above risk-based RGs that were developed using EPA toxicity data. The alternative would also remove soil with concentrations of lead

above the EPA residential screening criterion for lead of 400 mg/kg, which is based on EPA (1998) guidance and the IEUBK child blood lead model (EPA, 2010b).

4.5.4 Long-Term Effectiveness

The long-term effectiveness of Alternative 4 is achieved through the removal of soil contaminated with COCs at concentrations above the RGs and treatment of soil that would be a hazardous waste due to elevated concentrations of 2,4-DNT and lead. As previously discussed, the alternative would be effective in protecting potential receptors from direct exposure to COCs in soil. The removal of the most highly contaminated soil would also reduce the mass transport of soil contaminants to groundwater. The residual risk for treated soil that meets RGs and is placed back on site would be acceptable for unrestricted use.

The alternative would not require the maintenance of any long-term controls at the site to manage residual risk from direct exposure to soil.

4.5.5 Reduction of Toxicity, Mobility, or Volume

Alternative 4 would comply with the statutory preference for selecting remedial actions that employ treatment technologies that permanently and significantly reduce the toxicity, mobility, or volume of hazardous substances as their principal element. The treatment of contaminated soils by alkaline hydrolysis would reduce the toxicity and mobility of NACs in soil. Treatment of lead-contaminated soil using chemical stabilization reduces the mobility of lead in the treated soil.

Under this alternative, 5,041 yd^3 of alkaline hydrolysis treated and lead-stabilized soil would be managed for disposal at an approved nonhazardous solid waste landfill and 4,931 yd^3 of alkaline hydrolysis-treated soil would be placed back on site. It is assumed that all of the excavated soil would be treated prior to disposal (including on-site placement).

4.5.6 Short-Term Effectiveness

The implementation of Alternative 4 would not present any significant health threats to the community. The excavation and treatment of contaminated soil would be performed within the confines of PBOW at a sufficient distance from the property boundaries that the nearby community should not be affected. The alkaline hydrolysis and stabilization processes would be managed to minimize the generation of dust or nuisance odors during remediation. Proper decontamination and waste transportation practices would be followed to prevent the spread of contamination when equipment or waste materials leave the site.

Alternative 4 involves the storage and handling of very corrosive materials, such as caustic soda and ferric chloride solution. The material handling processes should be carefully designed to minimize worker contact with corrosive materials. A hazard evaluation would be performed prior to the commencement of the removal action, and a health and safety plan would be followed during site activities to ensure that risks to workers were minimized. Remediation workers would be provided with the appropriate PPE in accordance with the health and safety plan.

Environmental impacts during remediation would be mitigated primarily through measures designed to ensure that contamination was not spread during remedial activities. This includes measures such as dust controls during excavation and treatment, decontamination procedures for equipment and personnel, and storm water runoff and run-on controls. Incompatible hazardous chemicals used in the treatment process would be segregated during storage, and best management practices would be followed to prevent the uncontrolled release of chemicals to the environment.

It is estimated that 31 months would be required to complete remedial activities under Alternative 4, from the initiation of work plans to backfilling of excavated areas and disposal of treatment residuals. Table 4-3 provides additional detail on the individual work elements involved in the execution of this alternative.

4.5.7 Implementability

Alkaline hydrolysis is a relatively new technology applied to NAC-contaminated soil, particularly using caustic soda, but it was successfully implemented at full-scale at VAAP, treating 86,000 cubic meters of soil ex situ and 11,500 cubic meters of soil in situ (Tetra Tech, Inc., 2010). Chemical stabilization has been used at numerous sites to immobilize lead in soil both as an in situ and ex situ technology. Equipment and personnel are available locally. The chemical stabilization reagent is available from numerous suppliers.

Compliance sampling of the sidewall and bottom areas of the excavation and analysis of the soil samples for COCs would be used to monitor the effectiveness of excavation in removing soil contaminated above RGs. The effectiveness of the alkaline hydrolysis process is easily monitored in process by taking soil pH measurements using a field pH instrument. Sampling and analysis of the treated soil after caustic soda/ferric chloride treatment and neutralization would determine final compliance of the treated soil. The chemical stabilization process is monitored by TCLP testing to demonstrate that the leachable concentrations of lead in samples of the stabilized soil are below the TCLP limit and the alternative LDR treatment standard for contaminated soil.

If batches of the stabilized soil did not pass the TCLP test, the soil could be reprocessed or managed off site as a hazardous waste.

The alternative does not preclude additional remedial action for soil if needed.

Alternative 4 does not present any unusual regulatory requirements that would compromise the administrative feasibility of the remedial approach. Landfills receiving treated soil from R2BG would be approved for disposal of CERCLA waste.

4.5.8 Cost

The detailed cost evaluation for the implementation of Alternative 4 for the R2BG is presented in Table 4-3. The estimated capital cost for Alternative 4 is $2.8 million.

A contingency of 25 percent has been added to the cost estimate to account for uncertainty in the estimated volume of soil requiring remediation and to provide an allowance for cost elements that are not identifiable at the present time. Due to the relatively short time frame over which the remedial alternative would be completed, all costs associated with its implementation are classified as capital costs. Accordingly, there are no O&M costs for this alternative, and the present value cost is equivalent to the capital cost.

4.5.9 State Acceptance

This criterion will be evaluated in the decision document for the remedial action, after a public meeting has been conducted and the public comment period has concluded. The state has accepted this technology for other PBOW sites.

4.5.10 Community Acceptance

This criterion will be evaluated in more detail in the decision document for the remedial action, after a public meeting has been conducted and the public comment period has concluded. The public has accepted this technology for other PBOW sites.

5.0 Comparative Analysis of Remedial Alternatives

This chapter provides a comparative analysis of the four alternatives developed in Chapter 4.0. The comparison is based on the evaluation criteria and the overall feasibility of the alternatives in achieving RAOs for contaminated soil at R2BG. A summary of this comparative analysis is presented in Table 5-1.

5.1 Protection of Human Health and the Environment

All of the alternatives, with the exception of Alternative 1, would permanently treat/remove contaminated soil, thereby reducing human health risks to within the CERCLA risk management range. Alternatives 2 through 4 would also benefit ecological receptors by significantly reducing the EHQs associated with soil contamination at the sites. Alternatives 2 through 4 may provide a corollary benefit to long-term groundwater and surface water quality by removing or mitigating the most significant source areas that could contribute to contamination in these media. Alternative 1 does not employ removal, containment, or treatment response actions that would mitigate the impact of source areas on receptors or other environmental media.

5.2 Compliance with ARARs

There are no chemical-specific or location-specific ARARs for any of the remedial alternatives. There are no action-specific ARARs for Alternative 1 because no action would be taken under this alternative. Alternatives 2, 3, and 4 would comply with all action-specific ARARs.

Alternative 1 would leave concentrations of COCs in soil above risk-based RGs that were developed using EPA toxicity data. Alternative 1 would also leave concentrations of lead in soil above the EPA residential screening criterion for lead of 400 mg/kg, which is based on EPA (1998) guidance and use of the IEUBK child lead model (EPA, 2010b). Alternatives 2, 3, and 4 would comply with the risk-based RGs and the residential lead screening criterion.

5.3 Long-Term Effectiveness and Permanence

All of the alternatives, with the exception of Alternative 1, would reduce the magnitude of residual risk at R2BG to levels within the risk management range. No long-term controls would be required at the site for Alternatives 2 through 4.

5.4 Reduction of the Toxicity, Mobility, or Volume of Contamination

Alternatives 3 and 4 would satisfy the statutory preference for selecting remedial actions that employ treatment technologies that permanently and significantly reduce the toxicity, mobility,

or volume of hazardous substances as their principal element. Alternatives 2, 3, and 4 are projected to treat 100 percent of the contaminated soil excavated from R2BG based on a preliminary assessment of the RCRA toxicity characteristic of the soil using the "20 times rule." These estimates are likely overly conservative, and a smaller volume of the excavated soil will probably actually be a hazardous waste based on TCLP testing.

The composting component of Alternative 3 provides essentially irreversible treatment by coupling biodegradation and transformation processes to reduce the toxicity and mobility of NACs in soil. The alkaline hydrolysis component of Alternative 4 provides irreversible treatment by chemically transforming NACs to less toxic compounds. The chemical stabilization component of Alternatives 3 and 4 reduces the mobility of lead. While chemical stabilization may not be an irreversible process, the combination of stabilization and off-site disposal at an approved landfill would prevent the lead in the treated soil from leaching back into the environment. Although Alternative 2 would remove contamination from the site, it would not result in any on-site reduction of contaminant mass. The disposal of excavated soil in an appropriate TSDF would minimize the potential for contaminants to leach into the environment. Alternative 1 would have no effect on the toxicity, volume, or mobility of soil contamination.

5.5 Short-Term Effectiveness

Alternatives 2 through 4 would all provide adequate safeguards for site workers and the community during remediation. All the treated soil under Alternatives 2 and 3 would require off-site management. Some of the treated soil under Alternative 4 could be placed back on site. Short-term effectiveness is not relevant to implementation of Alternative 1 because no action would be taken. No threatened or endangered animal or plant species would be significantly affected or destroyed by remedial actions under Alternatives 2 through 4. Some of the treatment chemicals used in Alternative 4 are hazardous materials. Material handling systems would be designed to protect remediation workers from exposure to corrosive chemicals, and best management practices would be used to prevent the release of hazardous materials to the environment.

Remedial durations for R2BG are presented in Table 5-1. There is not a significant difference in the time to achieve RGs between Alternatives 2, 3, and 4. Alternative 2 would be completed within the shortest period of time (approximately 25 months), while Alternatives 3 and 4 would require approximately 34 and 31 months, respectively.

5.6 Implementability

All of the technologies in these alternatives are reasonably well developed and have been implemented on a full-scale basis. Alkaline hydrolysis using caustic soda is a relatively new technology but it has been successfully implemented at full scale to treat a large volume of NAC-contaminated soil on at least one site. Equipment, technical specialists, and materials are available for all the alternatives. The effectiveness of the alternatives can be monitored by sampling and analysis. Alternatives 3 and 4 (and possibly Alternative 2) that dispose of nonhazardous solid waste off site would use a landfill approved for CERCLA waste. None of the alternatives would preclude additional actions if the technologies were not completely effective.

5.7 Cost

There is no cost associated with Alternative 1. Alternative 4 has the lowest cost of all the alternatives that meet the threshold criteria of protection of human health and the environment and compliance with ARARs. The remaining alternatives are ranked from lowest to highest cost: Alternative 2 then Alternative 3.

Remedial costs for R2BG are presented in Table 5-1.

5.8 State Acceptance

This criterion will be evaluated in a decision document for R2BG after receiving regulatory review comments on this FFS.

5.9 Community Acceptance

This criterion will be evaluated in a decision document for R2BG after a public meeting is held.

6.0 References

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TABLES

Table 1-1

Summary of BHHRA Results Inside the Burn Area[a]
Reservoir No. 2 Burning Ground Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

Source Medium	Groundskeeper Total HI	Indoor Worker Total HI	Construction Worker Total HI	On-Site Adult Resident Total HI	On-Site Child Resident Total HI	Adult Hunter Total HI	Child Venison Consumer Total HI
Surface Soil[b]	12	6	33	15	140	1	0.0002
Subsurface Soil[c]	NA	NA	154	70	651	NA	NA
Groundwater[d]	NA	15	NA	44	101	NA	NA

Source Medium	Groundskeeper Total ILCR	Indoor Worker Total ILCR	Construction Worker Total ILCR	On-Site Resident Adult ILCR	On-Site Resident Child ILCR	On-Site Resident Total ILCR	Adult Hunter Total ILCR	Child Venison Consumer Total ILCR
Surface Soil[b]	8.E-05	4.E-05	4.E-06	1.E-04	2.E-04	3.E-04	6.E-06	5.E-10
Subsurface Soil[c]	NA	NA	2.E-05	1.E-03	3.E-03	4.E-03	NA	NA
Groundwater[d]	NA	2.E-03	NA	5.E-03	3.E-03	8.E-03	NA	NA

BHHRA - Baseline human health risk assessment (Jacobs, 2010).
HI - Hazard index.
ILCR - Incremental lifetime cancer risk.
NA - Not applicable.

[a] The values shown below are from the BHHRA and may include the contributions of chemicals that are not related to U.S. Department of Defense activities.
[b] Exposure pathways assume that all site soil encountered by the receptor is surface soil.
[c] Exposure pathways assume that all site soil encountered by the receptor is subsurface soil.
[d] The groundwater exposure pathways are not regarded as plausible (refer to Section 1.5.1 of the text).

Reference:
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Table 1-2

Summary of BHHRA Results Outside the Burn Area[a]
Reservoir No. 2 Burning Ground Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

Source Medium	Groundskeeper Total HI	Indoor Worker Total HI	Construction Worker Total HI	On-Site Adult Resident Total HI	On-Site Child Resident Total HI	Adult Hunter Total HI	Child Venison Consumer Total HI
Surface Soil[b]	1	0.6	3	2	15	0.1	0.0002
Subsurface Soil[c]	NA	NA	1	0.6	5	NA	NA
Sediment	NA	NA	NA	NA	NA	NA	NA
Groundwater[d]	NA	15	NA	44.0	101	NA	NA

Source Medium	Groundskeeper Total ILCR	Indoor Worker Total ILCR	Construction Worker Total ILCR	On-Site Resident Adult ILCR	On-Site Resident Child ILCR	On-Site Resident Total ILCR	Adult Hunter Total ILCR	Child Venison Consumer Total ILCR
Surface Soil[b]	3.E-05	1.E-05	2.E-06	4.E-05	7.E-05	1.E-04	2.E-06	4.E-10
Subsurface Soil[c]	NA	NA	1.E-06	3.E-05	5.E-05	8.E-05	NA	NA
Sediment	NA	NA	2.E-07	1.E-06	2.E-06	3.E-06	NA	NA
Groundwater[d]	NA	2.E-03	NA	5.E-03	3.E-03	8.E-03	NA	NA

BHHRA - Baseline human health risk assessment (Jacobs, 2010).
HI - Hazard index.
ILCR - Incremental lifetime cancer risk.
NA - Not applicable.

[a] The values shown below are from the BHHRA and may include the contributions of chemicals that are not related to U.S. Department of Defense activities.
[b] Exposure pathways assume that all site soil encountered by the receptor is surface soil.
[c] Exposure pathways assume that all site soil encountered by the receptor is subsurface soil.
[d] The groundwater exposure pathways are not regarded as plausible (refer to Section 1.5.1 of the text).

Reference:
Jacobs Engineering Group, Inc. (Jacobs), 2010, ***Revised Final Baseline Human Health Risk Assessment, Reservoir No. 2 Burning Ground, Former Plum Brook Ordnance Works, Sandusky, Ohio*** , February.

Table 1-3

Summary of Screening-Level Ecological Risk Assessment
Reservoir No. 2 Burning Ground Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

Inside the Burn Area		
Risk-Driving Chemical[a]	**Minimum Ecological Hazard Quotient (receptor)[b]**	**Maximum Ecological Hazard Quotient (receptor)[c]**
2,3,7,8-tetrachlorinated dibenzo-p-dioxin Toxicity Equivalents	0.006 (deer)	92 (shrew)
2,4-Dinitrotoluene	35 (hawk)	19,000 (mouse)
2,6-Dinitrotoluene	1 (hawk)	660 (mouse)
2,4,6-Trinitrotoluene	5 (deer)	4,200 (wren)
Acenaphthene	0.002 (deer)	280 (shrew)
Naphthalene	0.004 (deer)	64 (shrew)

Outside the Burn Area		
Risk-Driving Chemical[a]	**Minimum Ecological Hazard Quotient (receptor)[b]**	**Maximum Ecological Hazard Quotient (receptor)[c]**
2,4-Dinitrotoluene	0.1 (hawk)	59 (mouse)
2,6-Dinitrotoluene	0.02 (hawk)	23 (mouse)
2,4,6-Trinitrotoluene	0.5 (deer)	420 (wren)

[a] Chemicals shown are those which are site related and have an ecological hazard quotient greater than 10 in at least one receptor.

[b] Receptor associated with the minimum ecological hazard quotient is shown in parentheses.

[c] Receptor associated with the maximum ecological hazard quotient is shown in parentheses.

Table 2-1

Remedial Goals for Soil
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

COC	RG (mg/kg)[a]	Basis of RG[b]	RSL nc/c[c] (mg/kg)[a]	HQ of RG	ILCR of RG
TCDD TEQ (ng/kg)[a]	18	cancer risk[d]	NA/4.5	NA	4E-6
2,4,6-Trinitrotoluene	38	noncancer hazard	36/19	1	2E-6
2,4-Dinitrotoluene	1.4[e]	cancer risk[d]	120/0.71	0.01[f]	2E-6
2,6-Dinitrotoluene	1.4[e]	cancer risk[d]	61/0.71	0.02[f]	2E-6
Aroclor 1254[g]	1.0	cancer risk/noncancer hazard[h]	1.1/0.22	0.9	4.5E-6[i]
Aroclor 1260[g]	1.0	cancer risk[h]	NA/0.22	NA	4.5E-6[i]
Lead	400	Guidance/IEUBK Model[j]	400/NA	NA	NA
Total HI/ILCR				**1**[k]	**1.0E-5** (1.45E-5)[l]

[a] TCDD TEQ concentrations are in units of ng/kg.
[b] Refer to Section 2.2.1 of the text for discussion.
[c] RSL values are from U.S. Environmental Protection Agency (EPA), 2010, ***Regional Screening Levels, Supporting Table for Residential Soil***, November, on line at www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_tables/index.htm. The noncancer hazard-based RSL supporting values are set at an HQ of 1, and the cancer risk-based RSL supporting values are set at an ILCR of 1E-6. Note that the source of the RSL for lead is the same as that of the RG (see footnote j).
[d] Considers cumulative cancer effects among the COCs.
[e] RG values of 2,4- and 2,6-dinitrotoluene may alternatively be added (2.8 mg/kg combined), as these compounds are evaluated based on the same cancer slope factor and their other chemical-specific parameters are essentially equal.
[f] RG derived on the basis of carcinogenicity of dinitrotoluene mixture; noncancer effects are *de minimis* (HQ<0.1).
[g] RG based on combined Aroclor 1254 and 1260 concentrations.
[h] In additional to cancer risk and (for Aroclor 1254) noncancer hazard, this value of 1 mg/kg was selected because it was used for other Plum Brook Ordnance Works sites.
[i] ILCR for combined Aroclor 1254 and 1260 concentration of 1 mg/kg.
[j] RG is based on the EPA soil screening value for average lead concentration: U.S. Environmental Protection Agency (EPA), 1998, "Clarification to the 1994 Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities," memorandum from T, Fields, Jr., Acting Assistant Administrator, August, OSWER Directive 9200.4-27P. This screening level is based on the U.S. Environmental Protection Agency (EPA), 2010b, ***Integrated Exposure Uptake Biokinetic Model for Lead in Children, Windows® version (IEUBKwin v1.1 build 11)***, February.
[k] Total HI reflects the HQ of the RG representing the highest noncancer hazard (TNT). The noncancer effects of TNT are not additive with those of the other COCs, because the other COCs have different target organs with respect to their critical effects.
[l] Value outside of parentheses is for nitroaromatics at the RG levels; value shown in parentheses is the total ILCR assuming the combined Aroclor 1254/1260 concentration is equal to the RG. This combined ILCR rounds to an ILCR of 1E-5.

COC - Chemical of concern.
HI - Hazard index; sum of HQ values.
HQ - Hazard quotient.
IEUBK - Integrated Exposure Uptake Biokinetic.
ILCR - Incremental lifetime cancer risk.
mg/kg - Milligrams per kilogram.
NA - Not applicable.
ng/kg - Nanograms per kilogram.
RG - Remedial goal.
RSL - Regional screening level.
nc/c - Noncancer hazard-based value/cancer risk-based value.
TBC - To be considered criterion.
TCDD TEQ - 2,3,7,8-Tetrachlorodibenzo-p-dioxin toxicity equivalency.

Table 2-2

Ecological Implications of Human Health Soil RGs on Ecological Receptors
Feasibility Study
Reservoir No. 2 Burning Ground, Plum Brook Ordnance Works
Sandusky, Ohio

Inside the Burn Area							
Chemical[a]	**Human Health RG (mg/kg)**	**Expected Residual Conc.[b] (mg/kg)**	**Maximum EHQ (and receptor) [c]**		**EPC[d] for Ecological Receptor (mg/kg)**	**Scaled [e] EHQ Using Expected Residual Conc.**	**Estimated Ecological Hazard Reduction Factor [f]**
2,3,7,8-TCDD TEQ[g]	18	18	92	shrew	371	4	21
2,4-Dinitrotoluene	1.4	1.4	19,000	mouse	6978	4	4984
2,6-Dinitrotoluene	1.4	1.4	660	mouse	240	4	171
2,4,6-Trinitrotoluene	38	38	4,200	wren	6048	26	159
Acenaphthene	NA	0.241	280	shrew	16.1	4	67
Naphthalene	NA	0.234	64	shrew	12.1	1	52

Outside the Burn Area							
Chemical[a]	**Human Health RG (mg/kg)**	**Expected Residual Conc.[b] (mg/kg)**	**Maximum EHQ (and receptor) [c]**		**EPC[d] for Ecological Receptor (mg/kg)**	**Scaled [e] EHQ Using Expected Residual Conc.**	**Estimated Ecological Hazard Reduction Factor [f]**
2,4-Dinitrotoluene	1.4	1.4	59	mouse	21.7	4	16
2,6-Dinitrotoluene	1.4	1.4	23	mouse	8.2	4	6
2,4,6-Trinitrotoluene	38	38	420	wren	606	26	16

RG=Remedial goal; EHQ=ecological hazard quotient; 2,3,7,8-TCDD TEQ=2,3,7,8-tetrachlorinated dibenzo-p-dioxin Toxicity Equivalents
mg/kg=milligram per kilogram; NA = not applicable

[a] Chemicals shown are those which are site-related and have an ecological hazard quotient greater than 10 in at least one receptor as reported in the screening level ecological risk assessment (SLERA) (Jacobs, 2010), as updated by October 2011 replacement pages.

[b] Residual concentration is assumed to be the RG for all chemicals of concern (COC). For non-COCs, residual concentration is assumed to be the highest

[c] Value and corresponding receptor shown are for the highest EHQ value among receptors evaluated in the SLERA.

[d] Value shown is from the SLERA.

[e] Estimated using the following scaling relationship:

Scaled EHQ = Residual Conc. x (pre-remediation EHQ/pre-remediation EPC)

Note that the resultant scaled quotients are rounded to one significant figure.

[f] Estimated by dividing pre-remediation EPC by expected residual concentration (note that EHQs are linear with concentration).
Ecological hazard reduction factors are rounded to the nearest whole number.

[g] Units for 2,3,7,8-TCDD TEQ are in nanograms per kilogram (ng/kg).

Table 2-3

Applicable and Relevant or Appropriate Requirements for Remedial Action
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

Authority	Medium	Requirement	Status	Synopsis of Requirement	Action to be Taken to Attain Requirement
U.S. Environmental Protection Agency	Soil	Federal Hazardous Waste Regulations (40 CFR 261)	Applicable	Rules define a hazardous waste.	Remedial alternatives will comply with these requirements by identifying soil that contains a hazardous waste.
U.S. Environmental Protection Agency	Soil	Federal Land Disposal Restriction Alternative Treatment Standards for Contaminated Soil (40 CFR 268.49)	Applicable	Rules specify treatment standards for contaminated soil that contains a hazardous waste.	Remedial alternatives will comply with the treatment standards for contaminated soil that is placed back on site if the soil is managed outside the contiguous area of contamination.
U.S. Environmental Protection Agency	Soil	Federal Special Provisions for Cleanup – Staging Piles (40 CFR 264.554)	Applicable	Rule identifies requirements for temporary storage of solid, non-flowing hazardous remediation waste that is not in a containment building.	Remedial alternatives will comply with these requirements by observing the standards and design criteria for staging piles.

CFR – Code of Federal Regulations.

Table 2-4

Comparison of Alternative Treatment Standards for Contaminated Soil to Maximum Detected Concentrations Reservoir No. 2 Burning Grounds Feasibility Study Former Plum Brook Ordnance Works Sandusky, Ohio

Chemicals of Concern and/or Underlying Hazardous Constituents	TCLP Limit (mg/L)	UTS[a] (mg/kg)	Minimum ATS[b] (mg/kg)	MDC (mg/kg)	MDC > ATS[c]
Nitroaromatics					
2,4,6-Trinitrotoluene	- -	- -	- -	35,400	- -
2,4-Dinitrotoluene	0.13	140	1,400	9,700	**Yes**
2,6-Dintrotoluene	- -	28	280	1,400	**Yes**
Dioxins/Furans					
1,2,3,4,6,7,8,9-OCDD	- -	0.005	0.05	0.000816	No
1,2,3,4,6,7,8,9-OCDF	- -	0.005	0.05	0.000358	No
1,2,3,4,6,7,8-HpCDD	- -	0.0025	0.025	0.000117	No
1,2,3,4,6,7,8-HpCDF	- -	0.0025	0.025	0.000708	No
1,2,3,4,7,8,9-HpCDF	- -	0.0025	0.025	0.0000758	No
HxCDDs (all congeners)	- -	0.001	0.01	0.0000068	No
HxCDFs (all congeners)	- -	0.001	0.01	0.00098	No
PeCDDs (all congeners)	- -	0.001	0.01	0.0000114	No
PeCDFs (all congeners)	- -	0.001	0.01	0.00243	No
TCDDs (all congeners)	- -	0.001	0.01	0.00000658	No
TCDFs (all congeners)	- -	0.001	0.01	0.00188	No
PCBs					
Aroclor-1254 and -1260[d]	- -	10	100	44.4	No
Metals [e]					
Lead	5	0.75	150	11,930	**Yes**

- - = Not applicable

Conversion Factor pg/g to mg/kg = 1.00E-06

MDC - Maximum detected concentration.
NA - Not Applicable (No UTS established).
OCDD - Octachlorodibenzo-p-dioxin.
OCDF - Octachlorodibenzofuran.
HpCDD - Heptachlorodibenzo-p-dioxin.
HpCDF - Heptachlorodibenzofuran.
HxCDD - Hexachlorodibenzo-p-dioxin.
HxCDF - Hexachlorodibenzofuran.
PeCDD - Pentachlorodibenzo-p-dioxin.
PeCDF - Pentachlorodibenzofuran.
TCDD - Tetrachlorodibenzo-p-dioxin.
TCDF - Tetrachlorodibenzofuran.
PCB - Polychlorinated biphenyls.
UTS - Universal Treatment Standard.
ATS - Alternative LDR Treatment Standard for contaminated soil.

Notes:

[a] The UTSs are defined in 40 CFR 268.48 Table UTS. There is no UTS for TNT.

[b] The minimum ATS for contaminated soil is 10 x UTS. For soil that contains a hazardous waste (i.e., listed or characteristic), LDR regs requires a 90% reduction in all underlying hazardous constituents (UHC), with treatment not required below 10 x UTS (40 CFR 268.49).

[c] Treatment is required prior to land disposal for hazardous soil containing a UHC with a concentration > ATS.

[d] The UTS and ATS listed in the table for PCBs is for total PCBs. Soil with total PCB concentration > 50 mg/kg is a PCB remediation waste.

[e] The UTS for metals are expressed as leachable concentrations in TCLP extract. Therefore the minimum ATS = UTS x 20 x 10 because the "20 times rule" is used to estimate the minimum total concentration of metal in soil needed to exceed the TCLP limit if all the metal was in a leachable form.

Table 3-1

Effectiveness of Lime Treatment on Soil Contaminated with Nitroaromatic Explosive Compounds
Reservoir No. 2 Burning Grounds Feasibility Study
Plum Brook Ordnance Works
Sandusky, Ohio

	HTNT2[1]					ELBP2[2]				
Chemical	Untreated (mg/kg)	Treated[3] @ pH 11 (mg/kg)	Removal (%)	Treated[3] @ pH 12 (mg/kg)	Removal (%)	Untreated (mg/kg)	Treated[3] @ pH 11 (mg/kg)	Removal (%)	Treated[3] @ pH 12 (mg/kg)	Removal (%)
TNT	16109.8	1054.4	93	834.6	95	115.7	2.2	98	2.4	98
2,4-DNT	289.2	208.6	28	98.6	66	142.7	98.5	31	56.2	61
2,6-DNT	70.5	41.7	41	31.0	56	58.0	43.5	25	34.4	41
Total DNTs	359.7	250.3	30	129.6	64	200.7	142	29	90.6	55
2ADNT	66.7	27.3	59	14.3	79	0.7	1.0	**-43**	4.4	**-529**
4ADNT	80.3	41.2	49	22.4	72	0.5	2.0	**-300**	15.1	**-2920**
Total ADNTs	147.0	68.5	53	36.7	75	1.2	3.0	**-150**	19.5	**-1525**
TNB	24.2	65.9	**-172**	15.2	37	1.1	5.2	**-373**	nd	100

Notes:

[1] HTNT2 - Soil from former ammunition plant, Hallschlag, Germany.

[2] ELBP2 - Soil from burning grounds at former ammunition plant, Torgau/Elsnig, Germany.

[3] Treated by addition of $Ca(OH)_2$.

2ADNT - 2-Amino-4,6-Dinitrotoluene.
4ADNT - 4-Amino-2,6-Dinitrotoluene.
DNT - Dinitrotoluene.
TNB - 1,3,5-Trinitrobenzene.
TNT - 2,4,6-Trinitrotoluene.

Reference: Modified from Emmrich, M., 2001, "Kinetics of the Alkaline Hydrolysis of Important Nitroaromatic Co-contaminants of 2,4,6-Trinitrotoluene in Highly Contaminated Soils," ***Environmental Science and Technology***, 35(5), 874-877.

Table 3-2

Comparison of Reservoir 2 Burning Ground Data to VAAP Pilot Test Results for Alkaline Hydrolysis with Caustic Soda
Reservoir No. 2 Burning Grounds Feasibility Study
Plum Brook Ordnance Works
Sandusky, Ohio

Chemical	Units	PBOW R2BG MDC	R2BG Soil RG	20 X TCLP Limit	Minimum ATS for Soil	BS6[a]		BS7[b]		BS8[c]	
						Initial Conc.	Final Conc.	Initial Conc.	Final Conc.	Initial Conc.	Final Conc.
2,4,6-Trinitrotoluene	mg/kg	35400	38			8000 D	0.05 U	8000 D	0.05	8000 D	3.9
2,4-Dinitrotoluene	mg/kg	9700	1.4	2.6	1400	2900 D	0.52 P	2900 D	1.2	2900 D	0.63
2,6-Dinitrotoluene	mg/kg	1400	1.4		280	1800 D	**6.5 P**	1800 D	**3.2**	1800 D	**1.7**
Total Dinitrotoluenes	mg/kg	8170	2.8			4700 D	7	4700 D	4.4	4700 D	2.4
2-Amino-4,6-Dinitrotoluene[d]	mg/kg	95.5	-			50 UD	0.05 U	50 UD	0.05 U	50 UD	0.05 U
4-Amino-2,6-Dinitrotoluene[d]	mg/kg	27	-			50 UD	0.05 U	50 UD	0.05 U	50 UD	0.05 U
Nitrate[d]	mg/kg		-			8.4	63 U	8.4	63 U	8.4	69 U
Nitrite[d]	mg/kg		7800			17.5	604	17.5	1110	17.5	1390
pH	mg/kg		-			7.5	13.4	7.5	13.1	7.5	13.2

Notes:
[a] BS6 - 16 oz NaOH per 10 pounds of soil
[b] BS7 - 10 oz NaOH + 200 mL $FeCl_3$ per 10 pounds of soil
[c] BS8 - 10 oz NaOH + 100 mL $FeCl_3$ per 10 pounds of soil
[d] This constituent was not identified as a chemical of concern for the R2BG.
ATS - Alternate Treatment Standard.
MDC - Maximum Detected Concentration in soil.
mg/kg - Milligrams per kilogram.
PBOW - Plum Brook Ordnance Works.
R2BG - Reservoir No. 2 Burning Grounds.
RG - Remedial Goal.
TCLP - Toxic Characteristic Leaching Procedure.
VAAP - Volunteer Army Ammunition Plant.

Source: ***Summary of Bench Scale and Field Treatability Tests, Chemical Treatment of TNT- and DNT-Contaminted Soil, TNT Manufacturing Valley, Volunteer Army Ammunition Plant, Chattanooga, Tennessee*** ; prepared for the U.S. Army Corps of Engineers, Mobile District; prepared by Tetra Tech, Inc., Oak Ridge, Tennessee.

Table 3-3

Summary of Alkaline Hydrolysis Treatability Study Results for TNTC Soil
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

Treatment		TNT	2,6-DNT	2,4-DNT	4A-2,6-DNT	2A-4,6-DNT
		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Max TNTC Conc.		12000	10274	8912	933	45.4
% Trt Conc > Limits						
TNTA RG		8	1.5	6.0	1.7	1.3
20X TCLP		-	-	2.6	-	-
Min ATS		-	280	1400	-	-
	pH					
After 7-day treatment						
Control[a]	7.80	2575[a]	11441[b]	10733[b]	11	4
Na_2CO_3	10.60	287	6916	6193	16	10
Na_2CO_3/Fe	10.60	305	8715	7834	8J	3J
Portland cement	11.55	21	11703	8867	8J	2J
Portland cement/Fe	11.48	67	10889	9025	7J	4J
NaOH	12.66	5	10055	344	10U	10U
NaOH/Fe	12.62	4	7783	282	4J	10U
CaO	12.02	1843	9809	7512	10	10U
CaO/Fe	12.02	3	9427	8002	7J	10U
Kiln. Dust	10.91	62	10415	7860	7J	3J
Kiln. Dust/Fe	10.96	89	9601	8711	7J	3J
Bed ash	12.00	92	10652	7911	7J	10U
Bed ash/Fe	12.00	23	9927	7710	7J	10U
After 14-day treatment						
Portland cement	NA	789	8446	7508	12.2	1.5J
Portland cement/Fe	NA	48	9877	7615	13.4	2.1J
NaOH	NA	1.8J	11182	127	6.9J	10U
NaOH/Fe	NA	1.9J	9256	67	6.9J	10U
CaO	NA	11	9948	8194	10.5	3.3J
CaO/Fe	NA	2.3J	9253	7486	9.8J	2.2J
Bed ash	NA	72	10290	7926	11	1.4J
Bed ash/Fe	NA	2.5	11149	7935	10.9	2J
After 28-day treatment						
Control	8.36	2191	9386	9560	8.6J	4.9J
Portland cement	11.27	103	9033	7020	8.5J	5 U
Portland cement/Fe	11.50	1	8392	6718	8.8J	5 U
NaOH	11.76	3	8452	35	6.4J	5 U
NaOH/Fe	11.89	0.8J	10667	17	4.5J	5 U
CaO/Fe	12.01	2.5 U	9691	6702	9.2J	5 U
Bed ash	11.84	4802	10085	6831	11.6	5 U
Bed ash/Fe	11.90	108	9850	6780	7J	5 U
After 40-day treatment						
Na_2CO_3	10.75	659	10005	9067	5	4
Na_2CO_3/Fe	10.77	408	9438	8113	6	5
Portland cement	NA	16	6826	5537	7	4 U
Portland cement/Fe	NA	2	9670	6414	9	4 U
NaOH	11.44	2 U	9744	35	5	4 U
NaOH/Fe	11.60	2 U	8931	12	3	4 U
CaO/Fe	NA	11	9378	6667	10	4 U
Bed ash	NA	27	10429	6390	8	4 U
Bed ash/Fe	NA	2 U	9851	6681	10	4 U

Table 3-3

Summary of Alkaline Hydrolysis Treatability Study Results for TNTC Soil
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

Notes:

4A-2,6-DNT - 4-Amino-2,6-dinitrotoluene.
2A-4,6-DNT - 2-Amino-4,6-dinitrotoluene.
ATS - Alternative land disposal restriction treatment standard for contaminated soil.
CaO - Calcium oxide.
2,4-DNT - 2,4-Dinitrotoluene.
2,6-DNT - 2,6-Dinitrotoluene.
Fe - Iron.
Na_2CO_3 - Sodium carbonate.
NaOH - Sodium hydroxide.
RG - Remedial goal.
TCLP - Toxicity characteristic leaching procedure.
TNT - 2,4,6-Trinitrotoluene.
TNTC - TNT Area C
[a] Concentration in untreated soil sample.
[b] Spiked concentration in untreated soil sample.
U - Not detected.
J - Estimated value below laboratory reporting limit.

Table 4-1

Alternative 2 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

Alternative 2
Excavation/Off-Site Disposal Cost Estimate

Site: TNT Area A
Plum Brook Ordnance Works

Date: 3/23/2011

Scope:
1. Prepare work plan, H&S plan, materials list, and procurement along with the final report
2. Mobilize/demobilize equipment and personnel.
3. Prepare site for remedial activity.
4. Excavate contaminated soil, perform confirmation sampling & characterize waste.
5. Off-site disposal.
6. Site restoration.
7. Demobilize equipment and personnel.

1.0 Work Plans and Procurement

Includes:
1. Labor to generate work plans, including engineering specifications and Health and Safety Plan, along with the Final Report.
2. Procure equipment and materials.

Service	Unit	Unit Cost		Subtotal	
Work Plans and Final Report	1	$40,000.00	/ls	$40,000.00	
Procurement	1	$10,000.00	/ea	$10,000.00	
				Subtotal	**$50,000.00**

2.0 Mobilization/Demobilization of Equipment and Personnel

Includes:
1. Mobilization and demobilization of local equipment and personnel.
2. Set-up/tear down office trailer.

Assumptions:
1. Labor and equipment are available locally.
2. Pressure washer to be purchased for use during project.

Service/Materials	Unit	Unit Cost		Subtotal	
Labor/Equipment:					
Mobe/Demobe	1	$5,000.00	/ls	$5,000.00	
Office Trailer (set up/tear down)	1	$500.00	/ls	$500.00	
Pressure Washer	1	$500.00	/ls	$500.00	
				Subtotal	**$6,000.00**

3.0 Site Preparation

Includes:
1. Existing site can be used and no additional site preparation costs are required.

Table 4-1

Alternative 2 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

4.0 Excavation of Contaminated Soil

Includes:
1. Excavation of soil with contaminants exceeding RGs.
2. Screen oversize material.
3. Collect confirmatory samples to verify extent of excavation.
4. Staging and characterizing waste stream.

Assumptions and Calculations:

1. Cubic yards of consolidated soil excavated =	7395
2. Swell factor for soil upon excavation =	1.3
3. Cubic yards of unconsolidated soil =	9614
4. Density of unconsolidated soil (tons/cy) =	1.1
5. Mass of unconsolidated soil (tons) =	10575
6. Capacity of screening plant (tons/hr) =	100
7. Excavator: hydraulic backhoe, 1 cy bucket.	
8. Excavator output (cy/day) =	600
9. Days to excavate soil =	19
10. Dump truck capacity (cy) =	12
11. Dump truck haul distance (mi.) =	0.5
12. Dump truck output (cy/day) =	250
13. Number of required dump trucks per day =	2
14. Soil sample collected for waste characterization / cy =	300
15. Number of soil samples collected for waste characterization =	32
16. Number of excavation crew =	2
17. Number of screening crew =	3
18. Lineal foot of excavation per confirmation sample =	20
19. Resampling factor for confirmation sampling =	1.1
20. Number of confirmatory samples from excavated area =	225
21. Excavation area (ft^2) =	48612
22. Cost multiplier for 1-week turnaround on analytical data =	1.25
23. Fraction of excavation work performed in Level C PPE =	0.10
24. Labor productivity factor for Level C work =	0.67
25. Days excavation crew in Level C =	2
26. Days screening crew in Level C =	2
27. Perimeter of excavation area (ft) =	1656
28. Excavation area (sf) =	48612
29. Volume of pit water requiring offsite disposal (gal) =	20000

30. The excavation duration is 24 days yielding 1 month working the standard work week.

Service/Materials	Unit	Unit Cost		Subtotal
Labor:				
Site Superintendent	152	$49.00	/hr	$7,448.00
QA (Sampling) Coordinator	152	$36.00	/hr	$5,472.00
H&S Coordinator	152	$49.00	/hr	$7,448.00
Chemist (home office)	38	$51.00	/hr	$1,938.00
Equipment Operator	19	$406.00	/day	$7,714.00
Equipment Operator	15	$406.00	/day	$6,090.00
Equipment Operator	15	$406.00	/day	$6,090.00
Laborers	34	$341.60	/day	$11,614.40
Truck Drivers	38	$341.60	/day	$12,980.80

Table 4-1

Alternative 2 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

4.0 Excavation of Contaminated Soil (continued)

Equipment:					
Excavator	1	$4,000.00	/mo	$4,000.00	
100-ton/hr Screening Plant	3	$1,800.00	/wk	$5,400.00	
Radial Stacking Conveyor	3	$1,222.00	/wk	$3,666.00	
Dozer	1	$3,500.00	/mo	$2,625.00	
Dump Truck	1	$3,890.00	/mo	$3,890.00	
Dump Truck	1	$3,890.00	/mo	$3,890.00	
3000 gal. Water Truck	19	$402.00	/day	$7,638.00	
21,000 gal Frac Tank	6	$1,400.00	/mo	$8,400.00	
150 gpm Pump	1	$2,439.00	/ea.	$2,439.00	
300 gpm Pump	1	$3,749.00	/ea.	$3,749.00	
Office Trailer	1	$800.00	/mo	$800.00	
Porta Jon	1	$175.22	/mo	$175.22	
Generator	1	$170.35	/mo	$170.35	
P/U Truck	1	$1,800.00	/mo	$1,800.00	
Analytical:					
TCLP Extraction	32	$12.88	/ea	$412.00	
SVOCs (8270C)	257	$300.00	/ea	$77,100.00	
NACs (8330)	257	$197.50	/ea	$50,757.50	
Lead	257	$30.00	/ea	$7,710.00	
PCBs	257	$103.75	/ea	$26,663.75	
NAC field analyses	225	$40.00	/ea	$9,000.00	
Lead field analyses	1	$4,200.00	/mo.	$4,200.00	
Shipping	69	$40.00	/ea	$2,741.33	
Materials & Services:					
Level D PPE	73	$10.00	/day	$730.00	
Level C PPE	10	$35.00	/day	$350.00	
PID rental	1	$974.00	/mo.	$974.00	
CGI rental	1	$380.00	/mo.	$380.00	
Pit Water Disposal	20	$1.62	/kgal	$32.40	
				Subtotal	**$296,489.00**

Table 4-1

Alternative 2 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

5.0 Off-Site Disposal

Includes:
1. Dispose of non-hazardous soil at a non-hazardous waste landfill.
2. Dispose of soil hazardous for 2,4-DNT or Pb at a hazardous waste landfill.
4. Analysis for off-site waste disposal.

Assumptions and Calculations:

1. Volume of consolidated, non-hazardous soil (cy) =	0	
2. Volume of unconsolidated, non-hazardous soil (cy) =	0	
3. Tons of non-hazardous soil for disposal =	0	
4. Total consolidated volume of hazardous soil (cy) =	7395	
5. Consolidated volume of D008 soil for haz disposal (cy) =	1300	Soil haz Pb only
6. Consolidated volume of D030 soil for haz disposal (cy) =	6095	Soil haz 2,4-DNT
7. Consolidated volume of PCB remediation waste (cy) =	0	
8. Total volume of unconsolidated hazardous soil (cy) =	9614	
9. Non-haz waste transportation cost ($/hr) =	72	
10. Non-haz waste disposal costs ($/ton) =	24.5	Erie County Landfill
11. Non-haz waste regulatory fees ($/ton) =	0	included in disposal
12. Haz waste transportation cost ($/ton) =	35	
13. D008 Haz waste disposal cost ($/ton) =	75	EO Environmental
14. D030 Haz waste disposal cost ($/ton) =	150	EO Environmental
15. PCB Haz waste disposal cost ($/ton) =	75	EO Environmental
16. Haz waste regulatory fees ($/ton) =	10	
17. Number of crew =	3	
18. Load capacity of a 20 ton truck (tons) =.	15	
19. Travel duration (round trip) to non-haz landfill (hrs) =	1	
20. Loads of non-haz waste or trips (hrs) =	0	
21. Output of front-end loader (cy/day) =	550	
22. No. of wheel loaders =	2	
23. Number of field days =	9	
24. Standby time for haz waste disposal (approvals) =	18	
25. Total number of days in field (incl standby) =	27	
26. Four (4) truckloads of stormwater requiring off-site disposal.		
27. 4000 gallons of stormwater per truckload.		
28. Volume of stormwater requiring off-site disposal (gal) =	16000	
29. Stormwater shall be analyzed for TCLP semivolatiles prior to transport.		
30. At one sample per truckload, number of samples (ea) =	4	
31. Excavated soil is staged in 500 ton piles.		
32. One 10-point composite sample shall be collected from each 500-ton pile as part of compliance testing.		
33. Standard work week is 5 days per week at 8 hours per day.		

Service/Materials	Unit	Unit Cost		Subtotal
Labor:				
Site Superintendent	216	$49.00	/hr	$10,584.00
QA Coordinator	216	$36.00	/hr	$7,776.00
H&S Coordinator	216	$49.00	/hr	$10,584.00
Equipment Operator	27	$406.00	/day	$10,962.00
Equipment Operator	27	$406.00	/day	$10,962.00
Oiler	27	$293.00	/day	$7,911.00
Materials:				
Level D PPE	81	$10.00	/day	$810.00

Table 4-1

Alternative 2 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

5.0 Off-Site Disposal (continued)					
Equipment:					
Wheel Loader	1.3	$5,000.00	/mo	$6,500.00	
Wheel Loader	1.3	$5,000.00	/mo	$6,500.00	
Office Trailer	1.3	$800.00	/mo	$1,040.00	
Porta Jon	1.3	$175.22	/mo	$227.78	
Generator	1.3	$170.35	/mo	$221.46	
P/U Truck	1.3	$1,800.00	/mo	$2,340.00	
Disposal Costs:					
Transportation (Non-Haz Waste)	0	$72.00	/hr	$0.00	truck & driver
Disposal Cost (Non-Haz waste)	0	$24.50	/ton	$0.00	Erie County Landfill
Transportation (Haz Waste)	10575	$35.00	/ton	$370,119.75	
Disposal Cost (D008 haz waste)	1859	$85.00	/ton	$158,015.00	
Disposal Cost (D030 haz waste)	8716	$160.00	/ton	$1,394,536.00	
Disposal Cost (PCB haz waste)	0	$85.00	/ton	$0.00	
Stormwater Disposal	16000	$0.25	/gal	$4,000.00	Enviro-Tank Clean
Analytical:					
Compliance Sampling:					
TCLP SVOC/NAC/metals	21	$400.00	/ea	$8,459.88	
Stormwater Sampling:					
TCLP 2,4-DNT	4	$175.00	/ea	$700.00	
				Subtotal	**$2,012,249.00**

Table 4-1

Alternative 2 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

6.0 Site Restoration

Includes:
1. Backfill excavated areas with clean backfill.
2. Re-seed site.

Assumptions and Calculations:

1. Volume of consolidated soil excavated (cy) =	7395
2. Compaction factor =	1.15
3. Volume of soil required for backfill (cy) =	8504
4. Cost of clean backfill soil delivered to site ($/cy) =	12
5. Output of front-end loader (cy/day) =	550
6. Field days required to backfill soil =	16
7. Number of field crew =	3

8. Upon completion of remedial action soil samples shall be taken within the laydown area to determine if any soil removal is required.
9. The laydown area shall be divided into 4 quarters and a 5-point composite collected (4 samples total).

10. Number of soil samples (ea) =	4
11. Allow 1 week for reseeding site and road repair.	
12. Task duration (days) =	16

13. Standard work week is 5 days per week at 8 hours per day.

Service/Materials	Unit	Unit Cost		Subtotal	
Labor:					
Site Superintendent	128	$49.00	/hr	$6,272.00	
QA Coordinator	128	$36.00	/hr	$4,608.00	
H&S Coordinator	128	$49.00	/hr	$6,272.00	
Equipment Operator	16	$406.00	/day	$6,496.00	
Equipment Operator	16	$406.00	/day	$6,496.00	
Laborer	16	$341.60	/day	$5,465.60	
Reseeding	1	$5,000.00	/area	$5,000.00	
Road Repair	1	$175,000.00	/ls	$175,000.00	Erie Blacktop
Equipment:					
Dozer	0.8	$3,500.00	/mo	$2,800.00	
Wheel Loader	0.8	$5,000.00	/mo	$4,000.00	
Office Trailer	0.8	$800.00	/mo	$640.00	
Porta Jon	0.8	$175.22	/mo	$140.18	
Generator	0.8	$170.35	/mo	$136.28	
P/U Truck	0.8	$1,800.00	/mo	$1,440.00	
Material:					
Backfill	8504	$12.00	/cy	$102,051.00	delivered to site
PID rental	0.8	$974.00	/mo.	$779.20	
CGI rental	0.8	$380.00	/mo.	$304.00	
Level D PPE	48	$10.00	/day	$480.00	
Analytical:					
SVOCs	4	$175.00	/ea	$700.00	
NACs (8330)	4	$145.00	/ea	$580.00	
Shipping	4	$40.00	/ea	$160.00	
				Subtotal	**$329,820.00**

Table 4-1

Alternative 2 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

7.0 Overall Cost	
Total Capital Cost	**$2,694,558.00**
Contingency (25%)	**$673,640.00**
Contractor Oversight (5%)	**$134,728.00**
Total Cost	**$3,503,000.00**

*This is an order-of-magnitude engineering cost estimate that is expected to be within +50 to -30 percent of the actual project cost.

Table 4-2

Alternative 3 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

Alternative 3
Excavation/Composting/Stabilization/Off-Site Disposal
Cost Estimate

Site: TNT Area A
Plum Brook Ordnance Works
Date: 3/23/2011

Scope:
1. Prepare composting work plan, H&S plan, materials list, and procurement along with the final report
2. Mobilize equipment and personnel.
3. Prepare site for remedial activity.
4. Excavate contaminated soil, perform confirmation sampling & characterize waste.
5. Treatment of soil contaminated with nitroaromatic compounds via windrow composting.
6. Chemically stabilize soil that is hazardous based on lead TCLP.
7. Off-site disposal.
8. Site restoration.
9. Demobilize equipment and personnel.

1.0 Work Plans and Procurement

Includes:
1. Labor to generate work plans, including engineering specifications and Health and Safety Plan, along with the Final Report.
2. Procure equipment and materials.

Service	Unit	Unit Cost		Subtotal
Work Plans and Final Report	1	$75,000.00	/ls	$75,000.00
Procurement	1	$15,000.00	/ea	$15,000.00
			Subtotal	**$90,000.00**

2.0 Mobilization/Demobilization of Equipment and Personnel

Includes:
1. Mobilization and demobilization of local equipment and personnel.
2. Set-up/tear down office trailer.

Assumptions:
1. Labor and equipment are available locally.
2. Pressure washer to be purchased for use during project.

Service/Materials	Unit	Unit Cost		Subtotal
Labor/Equipment:				
Mobe/Demobe	1	$5,000.00	/ls	$5,000.00
Office Trailer (set up/tear down)	1	$500.00	/ls	$500.00
Pressure Washer	1	$500.00	/ls	$500.00
			Subtotal	**$6,000.00**

3.0 Site Preparation

Includes:
1. Existing site can be used and no additional site preparation costs are required.

Table 4-2

Alternative 3 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

4.0 Excavation of Contaminated Soil

Includes:
1. Excavation of soil with contaminants exceeding RGOs.
2. Screen oversize material.
3. Collect confirmatory samples to verify extent of excavation.
4. Staging and characterizing waste stream.

Assumptions and Calculations:

1. Cubic yards of consolidated soil excavated =	7395
2. Swell factor for soil upon excavation =	1.3
3. Cubic yards of unconsolidated soil =	9614
4. Density of unconsolidated soil (tons/cy) =	1.1
5. Mass of unconsolidated soil (tons) =	10575
6. Capacity of screening plant (tons/hr) =	100
7. Excavator: hydraulic backhoe, 1 cy bucket.	
8. Excavator output (cy/day) =	600
9. Days to excavate soil =	19
10. Dump truck capacity (cy) =	12
11. Dump truck haul distance (mi.) =	0.5
12. Dump truck output (cy/day) =	250
13. Number of required dump trucks per day =	2
14. Soil sample collected for waste characterization / cy =	300
15. Number of soil samples collected for waste characterization =	32
16. Number of excavation crew =	2
17. Number of screening crew =	3
18. Lineal foot of excavation per confirmation sample =	20
19. Resampling factor for confirmation sampling =	1.1
20. Number of confirmatory samples from excavated area =	225
21. Excavation area (ft^2) =	48612
22. Cost multiplier for 1-week turnaround on analytical data =	1.25
23. Fraction of excavation work performed in Level C PPE =	0.10
24. Labor productivity factor for Level C work =	0.67
25. Days excavation crew in Level C =	2
26. Days screening crew in Level C =	2
27. Perimeter of excavation area (ft) =	1656
28. Excavation area (sf) =	48612
29. Volume of pit water requiring offsite disposal (gal) =	20000

30. The excavation duration is 24 days yielding 1 month working the standard work week.

Service/Materials	Unit	Unit Cost		Subtotal
Labor:				
Site Superintendent	152	$49.00	/hr	$7,448.00
QA (Sampling) Coordinator	152	$36.00	/hr	$5,472.00
H&S Coordinator	152	$49.00	/hr	$7,448.00
Chemist (home office)	38	$51.00	/hr	$1,938.00
Equipment Operator	19	$406.00	/day	$7,714.00
Equipment Operator	15	$406.00	/day	$6,090.00
Equipment Operator	15	$406.00	/day	$6,090.00
Laborers	34	$341.60	/day	$11,614.40
Truck Drivers	38	$341.60	/day	$12,980.80

Table 4-2

Alternative 3 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

4.0 Excavation of Contaminated Soil (continued)

Equipment:					
Excavator	1	$4,000.00	/mo	$4,000.00	
100-ton/hr Screening Plant	3	$1,800.00	/wk	$5,400.00	
Radial Stacking Conveyor	3	$1,222.00	/wk	$3,666.00	
Dozer	1	$3,500.00	/mo	$2,625.00	
Dump Truck	1	$3,890.00	/mo	$3,890.00	
Dump Truck	1	$3,890.00	/mo	$3,890.00	
3000 gal. Water Truck	19	$402.00	/day	$7,638.00	
21,000 gal Frac Tank	6	$1,400.00	/mo	$8,400.00	
150 gpm Pump	1	$2,439.00	/ea.	$2,439.00	
300 gpm Pump	1	$3,749.00	/ea.	$3,749.00	
Office Trailer	1	$800.00	/mo	$800.00	
Porta Jon	1	$175.22	/mo	$175.22	
Generator	1	$170.35	/mo	$170.35	
P/U Truck	1	$1,800.00	/mo	$1,800.00	
Analytical:					
TCLP Extraction	32	$12.88	/ea	$412.00	
SVOCs (8270C)	257	$300.00	/ea	$77,100.00	
NACs (8330)	257	$197.50	/ea	$50,757.50	
Lead	257	$30.00	/ea	$7,710.00	
PCBs	257	$103.75	/ea	$26,663.75	
NAC field analyses	225	$40.00	/ea	$9,000.00	
Lead field analyses	1	$4,200.00	/mo.	$4,200.00	
Shipping	69	$40.00	/ea	$2,741.33	
Materials & Services:					
Level D PPE	73	$10.00	/day	$730.00	
Level C PPE	10	$35.00	/day	$350.00	
PID rental	1	$974.00	/mo.	$974.00	
CGI rental	1	$380.00	/mo.	$380.00	
Pit Water Disposal	20	$1.62	/kgal	$32.40	
				Subtotal	**$296,489.00**

Table 4-2

Alternative 3 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

5.0 Windrow Composting of Contaminated of Soil

Includes:
1. Rental of composting equipment.
2. Procurement & stockpiling of composting amendments.
3. Mix and compost soil and amendments.
4. Pre-compliance testing: after compost formation & at end of treatment.
5. Pre-compliance testing using definitive field analysis for NAC.

Assumptions:

1. Laydown area is 260' feet wide x 800 feet long.		
2. 75% of laydown area is available for windrows ad 25% is available for stockpiling amendments.		
3. Compost recipe is 25% soil, 2.9% agricultural amendment (manure) and 72.1% bulking amendment (straw).		
4. Widrows are spaced 5 feet apart from one another.		
5. There is a 35-foot space at each end of the windrow allotting for movement of the windrow turner.		
6. Treatment duration per batch (wk) =	6	
7. The windrows will be staggered by 1 week.		
8. Volume of consolidated soil to be treated (cy) =	6095	Soil haz 2,4-DNT
9. Swell factor for soil upon excavation =	1.3	
10. Volume of unconsolidated soil to be treated (cy) =	7924	
11. Compost treatment duration (weeks) =	33	
12. Each windrow is 6 feet high x 16 feet wide x 530 feet long, trapezoidal configuration.		
13.. Capacity of windrow turner (tons/hr) =	3,200	
14.. Operating life of flails (hrs) =	25	
15. Number of flails on windrow turner =	172	
16. Volume of compost per windrow (cy) =	1,178	
17. Per windrow the soil volume is, at 25% (cy) =	294	
18. Per windrow the manure volume is, at 2.9% (cy) =	34	
19. Per windrow the straw volume is, at 72.1% (cy) =	849	
20 . Number of windrows (ea) =	27	
21. Volume of manure (cy) =	922	864 lb/cy
22. Volume of straw (cy) =	22928	227 lb/cy
23. Compost additive volume correction factor =	0.8	
24. Total volume of compost prior to treatment (cy) =	25,419	
25. Bulk density of compost (tons/cy) =	0.368	
26. Number of field crew =	6	
27. Tractor and straw blower are in-use 1 day/week and on stand-by the rest of the week.		
28. Pre-compliance testing shall weekly per windrow and consist of:		
- EnSys TNT 20, one per batch. Number of samples =	162	
- EnSys TNT 20, no. of samples per kit =	19	
- Total NAC, one per batch. Number of samples =	162	
29. Compliance testing shall be performed per windrow and upon compost treatment. Sampling shall consist of:		
- Total Semivolatiles. Number of samples =	27	
- Total NACs. Number of samples =	27	
- TCLP 2,4-DNT. Number of samples =	27	
30. Standard work week is 7 days per week at 8 hours per day. Thus, assuming 30 working days per month.		

Table 4-2

Alternative 3 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

5.0 Windrow Composting of Contaminated of Soil (continued)					
Service/Materials	**Unit**	**Unit Cost**		**Subtotal**	
Labor:					
Site Superintendent	1848	$49.00	/hr	$90,552.00	
QA (Sampling) Coordinator	1848	$36.00	/hr	$66,528.00	
H&S Coordinator	1848	$49.00	/hr	$90,552.00	
Windrow Turner Operator	231	$567.20	/day	$131,023.20	
Equipment Operator	231	$406.00	/day	$93,786.00	
Equipment Operator	231	$406.00	/day	$93,786.00	
Equipment Operator	231	$406.00	/day	$93,786.00	
Laborer	231	$341.60	/day	$78,909.60	
Environmental Tech	231	$200.00	/day	$46,200.00	
Equipment:					
Windrow Turner (6' x 19')	8	$45,000.00	/mo	$360,000.00	
Dozer	8	$3,500.00	/mo	$28,000.00	
Excavator	8	$4,000.00	/mo	$32,000.00	
Wheel Loader	8	$5,000.00	/mo	$40,000.00	
Tractor	264	$50.00	/hr	$13,200.00	In-use
Tractor	1584	$30.00	/hr	$47,520.00	Stand-by
Straw Blower	264	$40.00	/hr	$10,560.00	In-use
Straw Blower	1584	$20.00	/hr	$31,680.00	Stand-by
21000 gallon Frac Tank	8	$1,400.00	/mo	$11,200.00	
21000 gallon Frac Tank	8	$1,400.00	/mo	$11,200.00	
Trash/Pump Hose	1	$3,749.00	/ea	$3,749.00	
Office Trailer	8	$800.00	/mo	$6,400.00	
Porta Jon	8	$175.22	/mo	$1,401.75	
Generator	8	$170.35	/mo	$1,362.82	
P/U Truck	8	$1,800.00	/mo	$14,400.00	
Spectrophotometer	1	$3,012.00	/ls	$3,012.00	
Materials:					
Straw	22928	$11.25	/cy	$257,937.75	
Manure	922	$25.00	/cy	$23,055.00	
Water	1027	$9.40	/kgal	$9,653.80	
Level C PPE	1386	$35.00	/day	$48,510.00	
Air Monitoring Screening Kits	1	$2,500.00	/ls	$2,500.00	
Moisture/Temp Probes	1	$700.00	/ea	$700.00	
Analytical:					
Pre-Compliance Sampling:					
EnSys Kit (TNT 20) - 19 samples per kit	9	$572.00	/ea	$5,148.00	
Total NACs	162	$145.00	/ea	$23,490.00	
Compliance Sampling:					
TCLP Semivolatiles	27	$175.00	/ea	$4,725.00	
Total NACs	27	$145.00	/ea	$3,915.00	
TCLP 2,4-DNT	27	$175.00	/ea	$4,725.00	
				Subtotal	**$1,785,168.00**

Table 4-2

Alternative 3 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

6.0 Chemical Stabilization of Lead-Contaminated Soil

Includes:
1. Form 300 cy batch treatment cells.
2. Chemical stabilzation of lead using phosphate chemicals.
3. Compliance testing for TCLP lead.

Assumptions and Calculations:

1. Vol. consolidated Pb contaminated soil inside Burn Area (cf) =	1263		
2. Vol. consolidated Pb contaminated soil outside Burn Area (cf) =	2339		
3. Volume of in-place lead contaminated soil to be stabilized (cy)=	3602		
4. Vol. of in-place soil composted + Pb stabilized (cy) =	2302		
5. Swell factor for soil upon excavation =	1.3		
6. Vol of unconsolidated soil for Pb stabilization (cy) =	4683		
7. Density of soil (ton/cy) =	1.1		
8. Mass of lead-contaminated soil (tons) =	5151		
9a. Average Pb conc. inside Burn Area soil (mg/kg) =	924	207.2	Pb mol. wt.
9b. Average Pb conc. outside Burn Area soil (mg/kg) =	116		
10. Vol.-wt. average lead conc. (mg/kg) =	399		
11. Mass of Pb to stabilize (lb) =	4114		
12. P/Pb molar stabilization ratio =	4.0	31	P mol. wt.
13. Mass of P required to stabilize Pb in soil (lb) =	2462		
14. Weight fraction H_3PO_4 in food grade acid =	0.75	0.316	lb P/lb H_3PO_4
15. Mass of 75% H_3PO_4 needed to stabilize Pb in soil (lb) =	10388	13.1	lb H_3PO_4/gal soln
16. Volume of H_3PO_4 needed to stabilize Pb in soil (gal) =	793		
17. Volume of H_3PO_4 container (gal) =	330		
18. Number of H_3PO_4 containers purchased =	3		
19. Total volume of H_3PO_4 purchased (gal) =	990		
20. Application rate of Apatite II (ton/cy) =	0.0267	ESTCP, 2006	
21. Mass of Apatite II required for Pb Stabilization (ton) =	124.9	Based on unconsolidate soil volume before composting	
22. Mass of Apatite II per shipping container (ton) =	20		
23. Number of shipping containers of Apatite II =	6.245		
24. Mass of Apatite II per supersack (lb) =	1650		
25. Number of supersacks of Apatite II =	6.0		
26. Each 300 cy treatment cell =	52 ft Wide		52 ft Long
27. Size of stabilization batch (cy) =	300		
28. Soil to be spread out to a depth of (ft) =	3		
29. Number of days for batch treatment =	4	Includes expidited analytical turnaround	
30. Number of batches =	16		
31. Number of batches during one treatment cycle =	5		
32. Number of treatment cycles =	4		
33. Time required to stabilize soil (days) =	16		
34. Number of field crew =	2		

35. Standard work week is 5 days per week at 8 hours per day. Thus, assuming 22 working days per month.
36. The 75% H_3PO_4 solution comes in 330 gallon totes at approximately 46.5-inches by 46.5-inches by 48-inches high.

37. Required storage capacity for 30% ferric acid solution (cf) =	181

38. Temporary storage shall be provided utilizing a 48-foot swing open-door land-sea cargo trailer. The trailer is 45.42-feet long by 8.25 -feet wide by 9-feet high. The monthly rental is $100/mo.

39. Available capacity in the Land-Sea Cargo Trailer (cf) =	1920
40. Number of Land-Sea Cargo Trailers for 75% H3PO4 =	1
41. Loader output (cy/day) =	1735
42. Stage and remove chemical storage (days) =	2
43. Time to move composted soil into stabilization cells (days)=	3
44. Total time on site (days) =	21

Table 4-2

Alternative 3 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

6.0 Chemical Stabilization of Lead-Contaminated Soil (continued)					
Service/Materials	**Unit**	**Unit Cost**		**Subtotal**	
Labor:					
Site Superintendent	168	$49.00	/hr	$8,232.00	
QA (Sampling) Coordinator	168	$36.00	/hr	$6,048.00	
H&S Coordinator	168	$49.00	/hr	$8,232.00	
Sampling Technician	168	$28.00	/hr	$4,704.00	
Equipment Operator	21	$406.00	/day	$8,526.00	
Equipment:					
Excavator	1.0	$4,000.00	/mo	$4,000.00	
Office Trailer	1.0	$800.00	/mo	$800.00	
Porta Jon	1.0	$175.22	/mo	$175.22	
Generator	1.0	$170.35	/mo	$170.35	
P/U Truck	1.0	$1,800.00	/mo	$1,800.00	
Materials:					
Apatite II	125	$675.00	/ton	$84,307.50	http://www.pimsnw.com
Apatite II	0	$2.50	/lb	$0.00	/pricing.php
MgO	0	$200.00	/ton	$0.00	Stine, 2011
Level D PPE	42	$10.00	/day	$420.00	
PID rental	1.0	$974.00	/mo.	$974.00	
CGI rental	1.0	$380.00	/mo.	$380.00	
Analytical:					
TCLP Extraction	16	$19.25	/ea	$308.00	48-hr TAT
Lead	16	$57.75	/ea	$924.00	48-hr TAT
Shipping	16	$40.00	/ea	$640.00	
				Subtotal	**$130,641.00**

Table 4-2

Alternative 3 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

7.0 Off-Site Disposal

Includes:
1. Dispose of treated compost at a non-hazardous landfill.
2. Dispose of Pb stabilized soil at a non-hazardous waste landfill.
3. Analysis for off-site waste disposal.

Assumptions and Calculations:

1. Consolidated volume of D008 soil for haz disposal (cy) =	0	
2. Consolidated volume of D030 soil for haz disposal (cy) =	0	Soil haz 2,4-DNT+Pb+PCB
3. Consolidated volume of PCB soil for haz disposal (cy) =	0	Soil haz Pb+PCB
4. Total volume consolidated soil for haz disposal (cy) =	0	
5. Total volume unconsolidated soil for haz disposal (cy) =	0	
6. Weight of haz waste for disposal (tons) =	0	
7. Consolidated volume of untreated soil (cy) =	0	
8. Unconsolidated volume untreated soil (cy) =	0	
9. Weight of untreated soil (tons) =	0	
10.Volume of compost, non-haz disposal (cy) =	9,600	
11. Bulk density of compost (tons/cy) =	0.368	
12. Weight of treated compost, non-haz waste (ton) =	3,533	
13. Consolidated volume of soil haz for Pb only (cy) =	1,300	
14a. Unconsol vol of Pb contaminated soil not composted (cy) =	1,690	
14b. Unconsol vol of stabilzed Pb-contaminated soil (cy) =	1,815	Assume %wt↑ = %vol↑
15a. Weight of stabilized soil not composted (tons) =	1,859	
15b. Mass of Pb stabilization chemicals added to soil (tons) =	125	
16. Total volume non-haz waste for disposal (cy) =	11,415	
17. Total weight of non-haz waste for disposal (tons) =	5,517	
18. Non-haz waste transportation cost ($/hr) =	72	
19. Non-haz waste disposal costs ($/ton) =	24.5	Erie County Landfill
20. Non-haz waste regulatory fees ($/ton) =	0	included in disposal
21. Haz waste transportation cost ($/ton) =	35	
22. D008 Haz waste disposal cost ($/ton) =	75	EO Environmental
23. D030 Haz waste disposal cost ($/ton) =	150	EO Environmental
24. PCB Haz waste disposal cost ($/ton) =	75	EO Environmental
25. Haz waste regulatory fees ($/ton) =	10	
26. Number of crew =	3	
27. Load capacity of a 20 ton truck (tons) =	15	
28. Round trip travel time to non-haz waste landfill (hr) =	1	
29. Loads of non-haz waste or trips (hrs) =	368	
30. Output of front-end loader (cy/day) =	550	
31. No. of wheel loaders =	2	
32. Number of field days =	11	
33. No. of truckloads of stormwater for disposal =	4	
34. Volume of stormwater per truckload (gal) =	4000	
35. Volume of stormwater requiring off-site disposal (gal) =	16000	

36. Stormwater shall be analyzed for TCLP semivolatiles prior to transport.

37. At one sample per truckload, number of samples (ea) =	4

38. Standard work week is 5 days per week at 8 hours per day.

Table 4-2

Alternative 3 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

7.0 Off-Site Disposal (continued)					
Service/Materials	**Unit**	**Unit Cost**		**Subtotal**	
Labor:					
Site Superintendent	88	$49.00	/hr	$4,312.00	
QA Coordinator	88	$36.00	/hr	$3,168.00	
H&S Coordinator	88	$49.00	/hr	$4,312.00	
Equipment Operator	11	$406.00	/day	$4,466.00	
Equipment Operator	11	$406.00	/day	$4,466.00	
Oiler	11	$293.00	/day	$3,223.00	
Materials:					
Level D PPE	33	$10.00	/day	$330.00	
Equipment:					
Wheel Loader	0.5	$5,000.00	/mo	$2,500.00	
Wheel Loader	0.5	$5,000.00	/mo	$2,500.00	
Office Trailer	0.5	$800.00	/mo	$400.00	
Porta Jon	0.5	$175.22	/mo	$87.61	
Generator	0.5	$170.35	/mo	$85.18	
P/U Truck	0.5	$1,800.00	/mo	$900.00	
Disposal Costs:					
Transportation (Non-Haz Waste)	368	$72.00	/hr	$26,496.00	truck & driver
Disposal Cost (Non-Haz waste)	5517	$24.50	/ton	$135,162.22	Erie County Landfill
Transportation (Haz Waste)	0	$35.00	/ton	$0.00	
Disposal Cost (D008 haz waste)	0	$85.00	/ton	$0.00	
Disposal Cost (D030 haz waste)	0	$160.00	/ton	$0.00	
Disposal Cost (PCB haz waste)	0	$85.00	/ton	$0.00	
Stormwater Disposal	16000	$0.25	/gal	$4,000.00	Enviro-Tank Clean
Analytical:					
Stormwater Sampling:					
TCLP 2,4-DNT	4	$175.00	/ea	$700.00	
				Subtotal	**$197,108.00**

Table 4-2

Alternative 3 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

8.0 Site Restoration

Includes:
1. Backfill excavated areas with clean backfill.
2. Load treated compost, truck to site, spread compost
3. Re-seed site.
4. Confirmation sampling of soil laydown areas.

Assumptions and Calculations:

1. Volume of consolidated soil excavated (cy) =		7395
2. Compaction factor =		1.15
3. Volume of soil required for backfill (cy) =		8504
4. Cost of clean backfill soil delivered to site ($/cy) =		12
5. Output of front-end loader (cy/day) =		550
6. Field days required to backfill soil =		16
7. Number of backfill field crew =		3
1. Consol. vol. of inside burn area soil for composting/onsite disposal (cy) =		3,793
2. Volume of compost spread across site as ground cover (cy) =		15,818
3. Loader output (cy/day) =		1,735
4. Days to load composted soil =		14
5. Dump truck capacity (cy) =		12
6. Dump truck haul distance (mi.) =		0.5
7. Dump truck output (cy/day) =		300
8. No. of dump trucks per day =		6
9. The duration to load & haul treated soil (days) =		14
10. Dozer (D-6H) capacity (cy/hr) =		90
11. Days to spread treated compost =		22
10. Number of soil samples (ea) =	4	
11. Allow 1 week for reseeding site and road repair.		
12. Task duration (days) =		22

13. Standard work week is 5 days per week at 8 hours per day.

Service/Materials	Unit	Unit Cost		Subtotal	
Labor:					
Site Superintendent	176	$49.00	/hr	$8,624.00	
QA Coordinator	176	$36.00	/hr	$6,336.00	
H&S Coordinator	176	$49.00	/hr	$8,624.00	
Equipment Operator	16	$406.00	/day	$6,496.00	
Equipment Operator	14	$406.00	/day	$5,684.00	
Equipment Operator	22	$406.00	/day	$8,932.00	
Truck Drivers	84	$341.60	/day	$28,694.40	
Laborer/Oiler	22	$293.00	/day	$6,446.00	
Reseeding	1.0	$5,000.00	/area	$5,000.00	
Road Repair	1.0	$175,000.00	/ls	$175,000.00	Erie Blacktop
Equipment:					
Wheel Loader	0.8	$5,000.00	/mo	$4,000.00	backfill
Wheel Loader	0.6	$5,000.00	/mo	$3,000.00	load compost
Dozer	1.0	$3,500.00	/mo	$3,500.00	spread compost
Dump Truck (6 ea)	3.6	$3,890.00	/mo	$14,004.00	haul compost
Office Trailer	1.0	$800.00	/mo	$800.00	
Porta Jon	1.0	$175.22	/mo	$175.22	
Generator	1.0	$170.35	/mo	$170.35	
P/U Truck	1.0	$1,800.00	/mo	$1,800.00	

Table 4-2

Alternative 3 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

Material:						
	Backfill	8504	$12.00	/cy	$102,051.00	delivered to site
	PID rental	1.0	$974.00	/mo.	$974.00	
	CGI rental	1.0	$380.00	/mo.	$380.00	
	Level D PPE	74	$10.00	/day	$740.00	
Analytical:						
	SVOCs	4	$175.00	/ea	$700.00	
	NACs (8330)	4	$145.00	/ea	$580.00	
	Shipping	4	$40.00	/ea	$160.00	
					Subtotal	**$392,871.00**
9.0 Overall Cost						
					Total Capital Cost	**$2,898,277.00**
					Contingency (25%)	**$724,569.00**
					Contractor Oversight (5%)	**$144,914.00**
					Total Cost	**$3,768,000.00**

*This is an order-of-magnitude engineering cost estimate that is expected to be within +50 to -30 percent of the actual project cost.

Table 4-3

Alternative 4 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

Alternative 4	**Site:**	TNT Area A
Excavation/Alkaline Hydrolysis/Stabilization/		Plum Brook Ordnance Works
On- & Off-Site Disposal	**Date:**	**3/23/2011**
Cost Estimate		

Scope:
1. Prepare work plans and closeout report, and complete procurement.
2. Mobilize/demobilize equipment and personnel.
3. Prepare site for remedial activity.
4. Excavate contaminated soil, perform confirmation sampling & characterize waste.
5. Alkaline hydrolysis and neutralization of soil that is hazardous due to 2,4-DNT TCLP.
7. Chemical stabilization of soil that is hazardous due to lead TCLP.
8. On site disposal of soil treated via alkaline hydrolysis and windrow composting.
9. Off-site disposal of non-hazardous waste.
10. Site restoration.

1.0 Treatability Study, Work Plans, Reports and Procurement

Includes:
1. Labor to generate work plans, including engineering specifications and Health and Safety Plan, along with the Final Report.
2. Procure equipment and materials.
3. Treatability study to optimize AH neutralization and lead stabilzation.

Service	Unit	Unit Cost		Subtotal	
Work Plans and Final Report	1	$75,000.00	/ls	$75,000.00	
Lab Treatability Study	1	$25,000.00	/ls	$25,000.00	
Procurement	1	$15,000.00	/ls	$15,000.00	
				Subtotal	**$115,000.00**

2.0 Mobilization/Demobilization of Equipment and Personnel

Includes:
1. Mobilization and demobilization of local equipment and personnel.
2. Set-up/tear down office trailer.

Assumptions:
1. Labor and equipment are available locally.
2. Pressure washer to be purchased for use during project.

Service/Materials	Unit	Unit Cost		Subtotal	
Labor/Equipment:					
Mobe/Demobe	1	$5,000.00	/ls	$5,000.00	
Office Trailer (set up/tear down)	1	$500.00	/ls	$500.00	
Pressure Washer	1	$500.00	/ls	$500.00	
				Subtotal	**$6,000.00**

3.0 Site Preparation

Includes:
1. Existing site can be used and no additional site preparation costs are required.

Table 4-3

Alternative 4 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

4.0 Excavation of Contaminated Soil

Includes:
1. Excavation of soil with contaminants exceeding RGOs.
2. Screen oversize material.
3. Collect confirmatory samples to verify extent of excavation.
4. Staging and characterizing waste stream.

Assumptions and Calculations:

1. Cubic yards of consolidated soil excavated =	7395
2. Swell factor for soil upon excavation =	1.3
3. Cubic yards of unconsolidated soil =	9614
4. Density of unconsolidated soil (tons/cy) =	1.1
5. Mass of unconsolidated soil (tons) =	10575
6. Capacity of screening plant (tons/hr) =	100
7. Excavator: hydraulic backhoe, 1 cy bucket.	
8. Excavator output (cy/day) =	600
9. Days to excavate soil =	19
10. Dump truck capacity (cy) =	12
11. Dump truck haul distance (mi.) =	0.5
12. Dump truck output (cy/day) =	250
13. No. of required dump trucks per day =	2
14. Soil sample collected for waste characterization / cy =	300
15. No. of soil samples collected for waste characterization =	32
16. Number of excavation crew =	2
17. Number of screening crew =	3
18. Lineal foot of excavation per confirmation sample =	20
19. Resampling factor for confirmation sampling =	1.1
20. No. of confirmatory samples from excavated area =	225
21. Excavation area (ft^2) =	48612
22. Cost multiplier for 1-week turnaround on analytical data =	1.25
23. Fraction of excavation work performed in Level C PPE =	0.10
24. Labor productivity factor for Level C work =	0.67
25. Days excavation crew in Level C =	2
26. Days screening crew in Level C =	2
27. Perimeter of excavation area (ft) =	1656
28. Excavation area (sf) =	48612
29. Volume of pit water requiring offsite disposal (gal) =	20000

30. Standard work week is 5 days per week at 8 hours per day. Thus, assuming 22 working days per 31 day month.

Service/Materials	Unit	Unit Cost		Subtotal
Labor:				
Site Superintendent	152	$49.00	/hr	$7,448.00
QA (Sampling) Coordinator	152	$36.00	/hr	$5,472.00
H&S Coordinator	152	$49.00	/hr	$7,448.00
Chemist (home office)	38	$51.00	/hr	$1,938.00
Equipment Operator	19	$406.00	/day	$7,714.00
Equipment Operator	15	$406.00	/day	$6,090.00
Equipment Operator	15	$406.00	/day	$6,090.00
Laborers	34	$341.60	/day	$11,614.40
Truck Drivers	38	$341.60	/day	$12,980.80

Table 4-3

Alternative 4 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

4.0 Excavation of Contaminated Soil (continued)

Equipment:					
Excavator	1	$4,000.00	/mo	$4,000.00	
100-ton/hr Screening Plant	3	$1,800.00	/wk	$5,400.00	
Radial Stacking Conveyor	3	$1,222.00	/wk	$3,666.00	
Dozer	1	$3,500.00	/mo	$2,625.00	
Dump Truck	1	$3,890.00	/mo	$3,890.00	
Dump Truck	1	$3,890.00	/mo	$3,890.00	
3000 gal. Water Truck	19	$402.00	/day	$7,638.00	
21,000 gal Frac Tank	6	$1,400.00	/mo	$8,400.00	
150 gpm Pump	1	$2,439.00	/ea.	$2,439.00	
300 gpm Pump	1	$3,749.00	/ea.	$3,749.00	
Office Trailer	1	$800.00	/mo	$800.00	
Porta Jon	1	$175.22	/mo	$175.22	
Generator	1	$170.35	/mo	$170.35	
P/U Truck	1	$1,800.00	/mo	$1,800.00	
Analytical:					
TCLP Extraction	32	$12.88	/ea	$412.00	
SVOCs (8270C)	257	$300.00	/ea	$77,100.00	
NACs (8330)	257	$197.50	/ea	$50,757.50	
Lead	257	$30.00	/ea	$7,710.00	
PCBs	257	$103.75	/ea	$26,663.75	
NAC field analyses	225	$40.00	/ea	$9,000.00	
Lead field analyses	1	$4,200.00	/mo.	$4,200.00	
Shipping	69	$40.00	/ea	$2,741.33	
Materials & Services:					
Level D PPE	73	$10.00	/day	$730.00	
Level C PPE	10	$35.00	/day	$350.00	
PID rental	1	$974.00	/mo.	$974.00	
CGI rental	1	$380.00	/mo.	$380.00	
Pit Water Disposal	20	$1.62	/kgal	$32.40	
				Subtotal	**$296,489.00**

Table 4-3

Alternative 4 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

5.0 Alkaline Hydrolysis with Neutralization

Includes:

1. Treat the 2,4-DNT contaminated soil with caustic soda pellets and 30% ferric chloride solution.
2. Neutralize alkaline hydrolysis treated soil with ferrous sulfate.
3. Temporary storage for the caustic soda pellets, 30% ferric chloride, and ferrous sulfate.

Assumptions and Calculations:

1. Volume of consolidated 2,4 DNT soil to be treated (cy) =		6095	
2. Swell factor for soil upon excavation =		1.3	
3. Cubic yards of unconsolidated soil =		7924	
4. Soil shall be treated via alkaline hydrolysis using caustic acid in 300 cy batches within the treatment area.			
5. Each 300 cy area =	52 ft Wide	52 ft Long	
6. Batch size (cy) =		300	
7. Soil to be spread out to a depth of (ft) =		3	
8. Treatment chemical requirements based on treatability study conducted by Shaw E&I Technology Dev. Lab			
9. Caustic soda, NaOH pellets =		61	lb/cy soil
10. Water, used to saturate soil with water =		37	gal/cy soil
11. Ferric chloride 30% solution =		1	gal/cy soil
12. NaOH mol wt =		40	lb/lb mol
13. Ferrous sulfate needed to neutralize NaOH =		108	lb/cy soil
14. Number of days for completed treatment with neutralization =		21	
15. Number of batches =		27	
16. Number of batches during one treatment cycle =		5	
17. Number of treatment cycles =		6	
18. Standard work week is 5 days per week at 8 hours per day. Thus, assuming 22 working days per 31 day month.			
19. Number of field days =		126	
20. Number of field crew =		8	
21. Mass of caustic soda (lb) =		483364	
22. Volume of ferric chloride, 30% solution (gal) =		7924	
23. Density of 30% ferric chloride solution (lb/gal) =		10.77	
24. Volume of water (gal) =		293188	

25. Confirmation sampling for alkaline hydrolysis prior to neutralization shall consist of nitroaromatics, nitrate and nitrite, and pH, one sequence per batch.
26. Upon neutralization with the citric acid confirmation sampling shall be performed for nitrate and nitrite, and pH, one sequence per batch.
27. Temporary storage is required for the caustic soda pellets, 30% ferric chloride, ~~and ferrous sulfate~~ preventing exposure to inclement weather and release into the environment. The duration for the alkaline hydrolysis is 20 days. Therefore assume equipment rental for 1.5 months.

28. The caustic soda pellets come in 2000 pound super sacks at approximately 4-feet by 4-feet by 3-feet high.	
29. Number of caustic soda super sacks (ea) =	242
30. Required storage capacity for caustic soda pellets (cf) =	11616
31. The 30% ferric chloride solution comes in 330 gallon totes at approximately 46.5-inches by 46.5-inches by 48-inches high.	
32. Number of 30% ferric chloride solution totes (ea) =	25
33. Required storage capacity for 30% ferric acid solution (cf) =	1502
34. The ferrous sulfate comes in 2,000 pound super sacks at 4-feet by 4-feet by 3-feet high or a 48 cubic feet pallet.	
35. Number of ferrous sulfate super sacks or pallets (ea) =	430
36. Required storage capacity for ferrous sulfate (cf) =	20640

37. Temporary storage shall be provided utilizing a 48-foot swing open-door land-sea cargo trailer. The trailer is 45.42-feet long by 8.25 -feet wide by 9-feet high. 40 super sacks per trailer. The monthly rental is $100/mo.

38. Available capacity in the Land-Sea Cargo Trailer (cf) =	1920
39. Number of Land-Sea Cargo Trailers for caustic soda pellets (ea)	7
40. Number of Land-Sea Cargo Trailers for 30% ferric chloride solution (ea) =	1
41. Number of Land-Sea Cargo Trailers for ferrous sulfate (ea) =	11

42. Phosphoric acid is used in place of ferrous sulfate will be used to partially neutralize the AH treated soil because it also facilitates lead stabilization (See section 6.0).

Table 4-3

Alternative 4 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

5.0 Alkaline Hydrolysis with Neutralization (continued)

Service/Materials	Unit	Unit Cost		Subtotal	
Labor:					
Site Superintendent	1008	$49.00	/hr	$49,392.00	
QA (Sampling) Coordinator	1008	$36.00	/hr	$36,288.00	
H&S Coordinator	1008	$49.00	/hr	$49,392.00	
Sampling Technician	1008	$28.00	/hr	$28,224.00	
Equipment Operator	126	$406.00	/day	$51,156.00	
Equipment Operator	126	$406.00	/day	$51,156.00	
Equipment Operator	126	$406.00	/day	$51,156.00	
Equipment Operator	126	$406.00	/day	$51,156.00	
Equipment Operator	126	$406.00	/day	$51,156.00	
Equipment Operator	126	$406.00	/day	$51,156.00	
Laborer	126	$341.60	/day	$43,041.60	
Laborer	126	$341.60	/day	$43,041.60	
Equipment:					
Dozer	6	$3,500.00	/mo	$20,650.00	
Excavator	6	$4,000.00	/mo	$23,600.00	
Excavator	6	$4,000.00	/mo	$23,600.00	
Front End Loader	6	$5,000.00	/mo	$29,500.00	
Fork Lift	6	$6,480.00	/mo	$38,232.00	
Fork Lift	6	$6,480.00	/mo	$38,232.00	
4000 gal. Water Truck	6	$402.00	/day	$2,371.80	
21,000 gal Frac Tank	12	$1,400.00	/mo	$16,520.00	
Air Monitoring	6	$750.00	/ls	$4,425.00	
Office Trailer	6	$800.00	/mo	$4,720.00	
Porta Jon	6	$175.22	/mo	$1,033.79	
Generator	6	$170.35	/mo	$1,005.08	
P/U Truck	6	$1,800.00	/mo	$10,620.00	
Materials:					
Caustic Soda	483364	$0.45	/lb	$217,513.80	Brenntag - Pgh
Ferric Chloride 30% Solution	85342	$0.15	/lb	$12,801.30	Brenntag - Pgh
Water	293	$9.40	/1000 gal	$2,754.20	
Ferrous Sulfate	858962	$0.11	/lb	$93,626.86	Crown Technology
Level C PPE	1008	$35.00	/day	$35,280.00	
PID rental	5.9	$974.00	/mo.	$5,746.60	
CGI rental	5.9	$380.00	/mo.	$2,242.00	
Chem Storage - NaOH pellets	42	$100.00	/mo.	$4,200.00	
Chem Storage - 30% $FeCl_3$	6	$100.00	/mo.	$600.00	
Chem. Storage - $FeSO_4$*$7H_2O$	66	$100.00	/mo.	$6,600.00	
Analytical:					
Pre-Compliance Sampling:					
pH meter	1	$1,800.00	/ea	$1,800.00	
Compliance Sampling for Alkaline Hydrolysis:					
NACs (8330)	27	$145.00	/ea	$3,915.00	
TCLP 2,4-DNT	27	$173.00	/ea	$4,671.00	
E300 - Nitrite and Nitrate	27	$15.00	/ea	$405.00	
Compliance Sampling Following Neutralization with Ferrous Sulfate:					
E300 - Nitrite and Nitrate	27	$15.00	/ea	$405.00	
				Subtotal	**$1,163,386.00**

Table 4-3

Alternative 4 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

6.0 Chemical Stabilization of Lead-Contaminated Soil

Includes:
1. Chemical stabilzation of lead using phosphate chemicals.
2. Compliance testing for TCLP lead.

Assumptions and Calculations:

1. Vol. consolidated Pb contaminated soil inside Burn Area (cf) =	1263		
2. Vol. consolidated Pb contaminated soil outside Burn Area (cf) =	2339		
3. Volume of in-place lead contaminated soil to be stabilized (cy)=	3602		
4. Vol. of in-place soil AH treated + Pb stabilized (cy) =	2302		
5. Swell factor for soil upon excavation =	1.3		
6. Vol of unconsolidated soil for Pb stabilization (cy) =	4683		
7. Density of soil (ton/cy) =	1.1		
8. Mass of lead-contaminated soil (tons) =	5151		
9a. Average Pb conc. inside Burn Area soil (mg/kg) =	924	207.2	Pb mol. wt.
9b. Average Pb conc. outside Burn Area soil (mg/kg) =	116		
10. Vol.-wt. average lead conc. (mg/kg) =	399		
11. Mass of Pb to stabilize (lb) =	4114		
12. P/Pb molar stabilization ratio =	4.0	31	P mol. wt.
13. Mass of P required to stabilize Pb in soil (lb) =	2462		
14. Weight fraction H_3PO_4 in food grade acid =	0.75	0.316	lb P/lb H_3PO_4
15. Mass of 75% H_3PO_4 needed to stabilize Pb in soil (lb) =	10388	13.1	lb H_3PO_4/gal soln
16. Volume of H_3PO_4 needed to stabilize Pb in soil (gal) =	793		
17. Volume of H_3PO_4 container (gal) =	330		
18. Number of H_3PO_4 containers purchased =	3		
19. Total volume of H_3PO_4 purchased (gal) =	990		
20. Application rate of Apatite II (ton/cy) =	0.0267	ESTCP, 2006	
21. Mass of Apatite II required for Pb Stabilization (ton) =	124.9	Based on unconsolidate soil volume before composting	
22. Mass of Apatite II per shipping container (ton) =	20		
23. Number of shipping containers of Apatite II =	6.245		
24. Mass of Apatite II per supersack (lb) =	1650		
25. Number of supersacks of Apatite II =	6.0		
26. Each 300 cy treatment cell =	52 ft Wide		52 ft Long
27. Size of stabilization batch (cy) =	300		
28. Soil to be spread out to a depth of (ft) =	3		
29. Number of days for batch treatment =	3	Includes expidited analytical turnaround	
30. Number of batches =	16		
31. Number of batches during one treatment cycle =	5		
32. Number of treatment cycles =	4		
33. Time required to stabilize soil (days) =	12		
34. Number of field crew =	2		

35. Standard work week is 5 days per week at 8 hours per day. Thus, assuming 22 working days per month.
36. The 75% H_3PO_4 solution comes in 330 gallon totes at approximately 46.5-inches by 46.5-inches by 48-inches high.

37. Required storage capacity for 30% ferric acid solution (cf) =	181	
38. Temporary storage shall be provided utilizing a 48-foot swing open-door land-sea cargo trailer. The trailer is 45.42-feet long by 8.25 -feet wide by 9-feet high. The monthly rental is $100/mo.		
39. Available capacity in the Land-Sea Cargo Trailer (cf) =	1920	
40. Number of Land-Sea Cargo Trailers for 75% H3PO4 =	1	
41. Loader output (cy/day) =	1735	
42. Stage and remove chemical storage (days) =	2	
43. Time to move composted soil into stabilization cells (days)=	0	Same cells as AH
44. Total time on site (days) =	14	

Table 4-3

Alternative 4 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

6.0 Chemical Stabilization of Lead-Contaminated Soil (continued)					
Service/Materials	**Unit**	**Unit Cost**		**Subtotal**	
Labor:					
Site Superintendent	112	$49.00	/hr	$5,488.00	
QA (Sampling) Coordinator	112	$36.00	/hr	$4,032.00	
H&S Coordinator	112	$49.00	/hr	$5,488.00	
Sampling Technician	112	$28.00	/hr	$3,136.00	
Equipment Operator	14	$406.00	/day	$5,684.00	
Equipment:					
Excavator	0.7	$4,000.00	/mo	$2,800.00	
Office Trailer	0.7	$800.00	/mo	$560.00	
Porta Jon	0.7	$175.22	/mo	$122.65	
Generator	0.7	$170.35	/mo	$119.25	
P/U Truck	0.7	$1,800.00	/mo	$1,260.00	
Materials:					
Apatite II	125	$675.00	/ton	$84,307.50	http://www.pimsnw.com
Apatite II	0	$2.50	/lb	$0.00	/pricing.php
MgO	0	$200.00	/ton	$0.00	Stine, 2011
Level D PPE	28	$10.00	/day	$280.00	
PID rental	0.7	$974.00	/mo.	$681.80	
CGI rental	0.7	$380.00	/mo.	$266.00	
Chem Storage - H_3PO_4	1	$100.00	/mo.	$100.00	
Analytical:					
TCLP Extraction	16	$19.25	/ea	$308.00	
Lead	16	$57.75	/ea	$924.00	
Shipping	16	$40.00	/ea	$640.00	
				Subtotal	**$116,197.00**

Table 4-3

Alternative 4 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

7.0 On-Site Disposal

Includes:

1. Load alkaline hydrolysis treated soil and stockpile for use as backfill material. The cost to backfill treated soil is accounted for in Section 9.0.
2. Confirmation testing under contaminated soil stockpiles.

Assumptions and Calculations:

1. Consol. vol. of inside burn area AH treated soil (cy) =	5,056
2. Consol. vol. of soil inside burn area with COC > RG or PB stabilized (cy) =	1,263
3. Vol. of consolidated AH treated soil for onsite disposal (cy) =	3,793
4. Swell factor for soil upon excavation =	1.3
5. Volume of unconsolidated soil used as backfill material (cy) =	4931
6. Loader output (cy/day) =	1735
7. Days to load alkaline hydrolysis treated soil =	4
8. Dump truck capacity (cy) =	12
9. Dump truck haul distance (mi.) =	0.5
10. Dump truck output (cy/day) =	300
11. No. of dump trucks per day =	6
12. The treated soil via alkaline hydrolysis only shall be stockpiled prior to use as backfill material as part of site restoration.	
13. The loading and hauling activities shall be performed consecutively.	
14. The duration to load & haul treated soil (days) =	4

Service/Materials	Unit	Unit Cost		Subtotal
Labor:				
Site Superintendent	32	$49.00	/hr	$1,568.00
QA Coordinator	32	$36.00	/hr	$1,152.00
Equipment Operator	4	$406.00	/day	$1,624.00
Equipment Operator	4	$406.00	/day	$1,624.00
Laborer/Oiler	4	$293.00	/day	$1,172.00
Truck Drivers	24	$341.60	/day	$8,198.40
Equipment:				
Wheel Loader	0.2	$5,000.00	/mo	$1,000.00
Dump Truck (6 ea)	1.2	$3,890.00	/mo	$4,668.00
Dozer	0.2	$3,500.00	/mo	$700.00
Office Trailer	1.0	$800.00	/mo	$800.00
Porta Jon	1	$175.22	/mo	$175.22
Generator	1	$170.35	/mo	$170.35
P/U Truck	1	$1,800.00	/mo	$1,800.00
Material:				
PID rental	0.2	$974.00	/mo.	$194.80
CGI rental	0.2	$380.00	/mo.	$76.00
Level D PPE	12	$10.00	/day	$120.00
			Subtotal	**$25,043.00**

Table 4-3

Alternative 4 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

8.0 Off-Site Disposal

Includes:
1. Dispose non-treated soil at a non-hazardous facility.

Assumptions and Calculations:

1. Consolidated volume of D008 soil for haz disposal (cy) =	0	
2. Consolidated volume of D030 soil for haz disposal (cy) =	0	
3. Consolidated volume of PCB soil for haz disposal (cy) =	0	
4. Total volume of consolidated hazardous soil (cy) =	0	
5. Total volume of unconsolidated hazardous soil (cy) =	0	
6. Consol. volume of treated soil for nonhaz disposal (cy) =	3602	
7. Unconsol. volume of treated soil for nonhaz disposal (cy) =	4683	
8. Weight of soil for nonhaz disposal (tons) =	5151	w/o mass of treatment chemicals
9. Consolidated volume of untreated soil (cy) =	0	
10. Unconsol vol untreated soil for non-hazardous disposal (cy) =	0	
11. Weight of soil for nonhaz disposal (ton) =	1.1	
12. Weight of AH treatment chemicals added to soil (tons) =	714	
13. Fraction of AH treated soil for offsite nonhaz disposal =	0.3777	
14. Wt. of AH treatment chem. in soil for nonhaz disposal (tons) =	270	
15. Weight of Pb stabilization chemicals added to soil (tons) =	125	
16. Weight of treated soil for nonhaz disposal (tons) =	5545	
17. Total volume of treated soil for non-haz disposal (cy) =	5041	Assume %wt↑ = %vol↑
18. Total weight of non-haz waste for offsite disposal (tons) =	5546	
19. Non-haz waste transportation cost ($/hr) =	72	
20. Non-haz waste disposal costs ($/ton) =	24.5	Erie County Landfill
21. Non-haz waste regulatory fees ($/ton) =	0	included in disposal
22. Haz waste transportation cost ($/ton) =	35	
23. D008 Haz waste disposal cost ($/ton) =	75	EO Environmental
24. D030 Haz waste disposal cost ($/ton) =	150	EO Environmental
25. PCB Haz waste disposal cost ($/ton) =	75	EO Environmental
26. Haz waste regulatory fees ($/ton) =	10	
27. No. of field crew =	4	
28. Load capacity of a 20 ton truck (tons) =	15	
29. Round trip travel time to non-haz waste landfill (hr) =	1	
30. Loads of non-haz waste or trips (hrs)=	370	
31. Output of wheel loader (cy/day) =	550	
32. No. of wheel loaders on site =	2	
33. No. of field days =	5	
34. No. of truckloads of stormwater for off-site disposal =	4	
35. Volume of water truck (gal) =	4000	
36. Volume of stormwater requiring off-site disposal (gal) =	16000	

37. Stormwater shall be analyzed for TCLP semivolatiles prior to transport.

38. At one sample/truckload, no. of stormwater samples (ea) =	4	

39. Standard work week is 5 days per week at 8 hours per day.

Table 4-3

Alternative 4 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

8.0 Off-Site Disposal (continued)					
Service/Materials	**Unit**	**Unit Cost**		**Subtotal**	
Labor:					
Site Superintendent	40	$49.00	/hr	$1,960.00	
QA Coordinator	40	$36.00	/hr	$1,440.00	
H&S Coordinator	40	$49.00	/hr	$1,960.00	
Equipment Operator	5	$406.00	/day	$2,030.00	
Equipment Operator	5	$406.00	/day	$2,030.00	
Laborer/Oiler	5	$293.00	/day	$1,465.00	
Laborer/Oiler	5	$293.00	/day	$1,465.00	
Materials:					
Level D PPE	20	$10.00	/day	$200.00	
Equipment:					
Wheel Loader	0.3	$5,000.00	/mo	$1,500.00	
Wheel Loader	0.3	$5,000.00	/mo	$1,500.00	
Office Trailer	0.3	$800.00	/mo	$240.00	
Porta Jon	0.3	$175.22	/mo	$52.57	
Generator	0.3	$170.35	/mo	$51.11	
P/U Truck	0.3	$1,800.00	/mo	$540.00	
Disposal Costs:					
Transportation (Non-Haz Waste)	370	$72.00	/hr	$26,640.00	truck & driver
Disposal Cost (Non-Haz waste)	5546	$24.50	/ton	$135,888.41	
Transportation (Haz Waste)	0	$35.00	/ton	$0.00	
Disposal Cost (D008 haz waste)	0	$85.00	/ton	$0.00	
Disposal Cost (D030 haz waste)	0	$160.00	/ton	$0.00	
Disposal Cost (PCB haz waste)	0	$85.00	/ton	$0.00	
Stormwater Disposal	16000	$0.25	/gal	$4,000.00	Enviro-Tank Clean
Analytical:					
Stormwater Sampling:					
TCLP 2,4-DNT	4	$175.00	/ea	$700.00	
				Subtotal	**$183,662.00**

Table 4-3

Alternative 4 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

9.0 Site Restoration

Includes:
1. Backfill excavated areas with alkaline hydrolysis treated soil and clean backfill.
2. Re-seed site.

Assumptions and Calculations:

1. Required volume of consolidated soil for excavated area (cy) =	7395	
2. Compaction factor =	1.15	
3. Volume of soil required for backfill (cy) =	8504	
4. Volume of alkaline hydrolysis treated soil (cy) =	4931	(less the lead contaminated soil)
5. Volume of required clean backfill (cy) =	3573	
6. Cost of clean backfill soil delivered to site ($/cy) =	12	
7. Output of front-end loader (cy/day) =	550	
8. Field days required to backfill soil =	7	
9. No. of field crew =	3	

10. Upon completion of remedial action, soil samples shall be taken within the laydown area to determine if any soil removal is required.
11. The laydown area shall be divided into 4 quarters and a 5-point composite collected (4 samples total).
12. No. of soil samples (ea) = 4
13. Allow 1 week for reseeding site and road repair.
14. Task duration (days) = 12
15. Standard work week is 5 days per week at 8 hours per day. Thus, assuming 22 working days per month.

Service/Materials	Unit	Unit Cost		Subtotal	
Labor:					
Site Superintendent	96	$49.00	/hr	$4,704.00	
QA Coordinator	96	$36.00	/hr	$3,456.00	
H&S Coordinator	96	$49.00	/hr	$4,704.00	
Equipment Operator	7	$406.00	/day	$2,842.00	
Equipment Operator	7	$406.00	/day	$2,842.00	
Laborer	7	$341.60	/day	$2,391.20	
Reseeding	1	$5,000.00	/area	$5,000.00	
Road Repair	1	$175,000.00	/ls	$175,000.00	Erie Blacktop
Equipment:					
Dozer	0.4	$3,500.00	/mo	$1,400.00	
Wheel Loader	0.4	$5,000.00	/mo	$2,000.00	
Office Trailer	0.4	$800.00	/mo	$320.00	
Porta Jon	0.4	$175.22	/mo	$70.09	
Generator	0.4	$170.35	/mo	$68.14	
P/U Truck	0.4	$1,800.00	/mo	$720.00	
Material:					
Backfill	3573	$12.00	/cy	$42,880.20	delivered to site
PID rental	0.4	$974.00	/mo.	$389.60	
CGI rental	0.4	$380.00	/mo.	$152.00	
Level D PPE	36	$10.00	/day	$360.00	
Analytical:					
SVOCs	4	$175.00	/ea	$700.00	
NACs (8330)	4	$145.00	/ea	$580.00	
Shipping	4	$40.00	/ea	$160.00	
				Subtotal	**$250,739.00**

Table 4-3

Alternative 4 Cost Estimate
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

10.0 Overall Cost	
Total Capital Cost	**$2,156,516.00**
Contingency (25%)	**$539,129.00**
Contractor Oversight (5%)	**$107,826.00**
Total Cost	**$2,803,000.00**

*This is an order-of-magnitude engineering cost estimate that is expected to be within +50 to -30 percent of the actual project cost.

Table 5-1

Comparative Analysis of Remedial Alternatives
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

Criteria	**Alternative 1:** No Action	**Alternative 2:** Excavation and Off-Site Disposal	**Alternative 3:** Excavation, Windrow Composting, Chemical Stabilization, On-Site and Off-Site Disposal	**Alternative 4:** Excavation, Alkaline Hydrolysis, Chemical Stabilization, On-Site and Off-Site Disposal
Overall Protectiveness				
Human Health Protection	No reduction in risk.	Reduces the concentration of COCs to levels below RGs.	Reduces the concentration of COC to levels below RGs.	Reduces the concentration of COC to levels below RGs.
Environmental Protection	No reduction in risk.	Significantly reduces the hazard quotients calculated for ecological receptors, and lowers the likelihood of contaminant spread to other media.	Significantly reduces the hazard quotients calculated for ecological receptors, and lowers the likelihood of contaminant spread to other media.	Significantly reduces the hazard quotients calculated for ecological receptors, and lowers the likelihood of contaminant spread to other media.
Compliance with ARARs				
Chemical-Specific ARARs	No chemical-specific ARARs.	No chemical-specific ARARs.	No chemical-specific ARARs.	No chemical-specific ARARs.
Location-Specific ARARs	No location-specific ARARs.	No location-specific ARARs.	No location-specific ARARs.	No location-specific ARARs.
Action-Specific ARARs	No action-specific ARARs.	Complies with all action-specific ARARs.	Complies with all action-specific ARARs.	Complies with all action-specific ARARs.

Table 5-1

Comparative Analysis of Remedial Alternatives
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

Criteria	**Alternative 1:** No Action	**Alternative 2:** Excavation and Off-Site Disposal	**Alternative 3:** Excavation, Windrow Composting, Chemical Stabilization, On-Site and Off-Site Disposal	**Alternative 4:** Excavation, Alkaline Hydrolysis, Chemical Stabilization, On-Site and Off-Site Disposal
Other Criteria and Guidance	Permits exposures to concentrations of COCs above risk-based RGs that are derived from EPA toxicity data and from the EPA child lead model and associated guidance as described in the human health risk assessment.	Prevents exposures to concentrations of COCs above risk-based RGs that are derived from EPA toxicity data and from the EPA child lead model and associated guidance as described in the human health risk assessment.	Prevents exposures to concentrations of COCs above risk-based RGs that are derived from EPA toxicity data and from the EPA child lead model and associated guidance as described in the human health risk assessment.	Prevents exposures to concentrations of COCs above risk-based RGs that are derived from EPA toxicity data and from the EPA child lead model and associated guidance as described in the human health risk assessment.
Long-Term Effectiveness and Permanence				
Magnitude of Residual Risk	Existing unacceptable risk will remain.	Residual risk will be within the risk management range.	Residual risk will be within the risk management range.	Residual risk will be within the risk management range.
Adequacy and Reliability of Controls	No controls over remaining contamination. No reliability.	No long-term controls required at site.	No long-term controls required at site.	No long-term controls required at site.
Reduction of Toxicity, Mobility, or Volume through Treatment				
Treatment Process Used	None	Off-site treatment of nitroaromatics and lead in soil.	Biological treatment of nitroaromatic compounds and using windrow composting. Ex situ chemical stabilization of lead.	Chemical treatment of nitroaromatic compounds using alkaline hydrolysis. Ex situ chemical stabilization of lead.
Amount Destroyed or Treated	None	Soil characterized as a hazardous waste will be treated at an off-site facility.	Soil characterized as a hazardous waste will be treated.	Soil characterized as a hazardous waste will be treated.

Table 5-1

Comparative Analysis of Remedial Alternatives
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

Criteria	**Alternative 1:** No Action	**Alternative 2:** Excavation and Off-Site Disposal	**Alternative 3:** Excavation, Windrow Composting, Chemical Stabilization, On-Site and Off-Site Disposal	**Alternative 4:** Excavation, Alkaline Hydrolysis, Chemical Stabilization, On-Site and Off-Site Disposal
Irreversible Treatment	None.	No on-site treatment.	Composting research has demonstrated that a high percentage (>80%) of TNT-carbon is irreversibly bound to the soil through covalent binding with humic substances. Stabilization may not be an irreversible process, but placement of stabilized waste in an engineered disposal cell minimizes the possibility that conditions conducive to leaching will be created.	Alkaline hydrolysis irreversibly transforms NACs in soil to less toxic end products. Stabilization may not be an irreversible process, but placement of stabilized waste in an engineered disposal cell minimizes the possibility that conditions conducive to leaching will be created.
Type and Quantity of Residuals Remaining after Treatment (all volumes are based on in-place, consolidated soil)	An estimated 7,395 cy (in place volume) of contaminated soil remains on-site. No treatment residuals.	Estimated 9,614 cy (excavated volume) of contaminated soil for off-site disposal as a hazardous waste.	An estimated 11,415 cy of treated soil for off-site disposal as a nonhazardous waste. An estimated 15,818 cy of compost placed back on site.	An estimated 4,931 cy of alkaline hydrolysis treated and neutralized soil that complies with RGs for placement back on site as subsurface backfill. An estimated 5,041 cy of alkaline hydrolysis treated and/or lead stabilized soil for off-site disposal as a nonhazardous waste.

Table 5-1

Comparative Analysis of Remedial Alternatives
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

Criteria	**Alternative 1:** No Action	**Alternative 2:** Excavation and Off-Site Disposal	**Alternative 3:** Excavation, Windrow Composting, Chemical Stabilization, On-Site and Off-Site Disposal	**Alternative 4:** Excavation, Alkaline Hydrolysis, Chemical Stabilization, On-Site and Off-Site Disposal
Short-Term Effectiveness				
Community Protection	May present future risk to community.	Normal safeguards would be required during transportation of waste materials off site.	Normal safeguards would be required during transportation of waste materials off site.	Normal safeguards would be required during transportation of waste materials off site.
Worker Protection	No risk to workers	Dust released during excavation and screening may require controls.	Safeguards would be required to protect workers from chemical exposures during windrow turning operations. Dust released during excavation, screening, amendment mixing, windrow turning, and stabilization may require controls.	Chemicals used in the treatment process are very corrosive. Material handling processes must be carefully designed to protect workers from chemical exposures. Safeguards would be required to protect workers from chemical exposures during windrow turning operations. Dust released during excavation, screening, amendment mixing, windrow turning, and stabilization may require controls.

Table 5-1

Comparative Analysis of Remedial Alternatives
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

Criteria	**Alternative 1:** No Action	**Alternative 2:** Excavation and Off-Site Disposal	**Alternative 3:** Excavation, Windrow Composting, Chemical Stabilization, On-Site and Off-Site Disposal	**Alternative 4:** Excavation, Alkaline Hydrolysis, Chemical Stabilization, On-Site and Off-Site Disposal
Environmental Impacts	Continued impact from existing conditions.	Design of staging piles would require safeguards to prevent migration of contaminants.	Design of staging piles would require safeguards to prevent migration of contaminants. Treatment area would be bermed and a contact water retention system provided to control storm water run-on and run-off.	Design of staging piles would require safeguards to prevent migration of contaminants. Treatment area would be bermed and a contact water retention system provided to control storm water run-on and runoff. Hazardous chemicals would be managed to segregate incompatible chemicals and prevent uncontrolled releases to the environment.
Time Until Action is Complete	Not applicable	25 months	34 months	31 months

Table 5-1

Comparative Analysis of Remedial Alternatives
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

Criteria	**Alternative 1:** No Action	**Alternative 2:** Excavation and Off-Site Disposal	**Alternative 3:** Excavation, Windrow Composting, Chemical Stabilization, On-Site and Off-Site Disposal	**Alternative 4:** Excavation, Alkaline Hydrolysis, Chemical Stabilization, On-Site and Off-Site Disposal
Implementability				
Ability to Construct and Operate	No construction or operation.	No significant issues.	Technologies well developed and implemented on a full-scale basis at numerous sites. Composting previously implemented at TNT Area B and Pentolite Road Red Water Ponds. Chemical stabilization of lead has been used at many sites.	Alkaline hydrolysis using caustic soda to treat NACs in soil is a relatively new process, but has been successfully implemented at full scale at one site. Chemical stabilization of lead has been used at many sites.
Ease of Doing More Action if Needed	Does not preclude additional remedial action for soil.	Does not preclude additional remedial action for soil.	Does not preclude additional remedial action for soil.	Does not preclude additional remedial action for soil.
Ability to Monitor Effectiveness	No monitoring performed.	Effectiveness of excavation is evaluated by confirmatory soil sampling and analysis.	Effectiveness of excavation is evaluated by confirmatory soil sampling and analysis. Effectiveness of composting is evaluated by post-treatment sampling and analysis of treated soil. Effectiveness of stabilization evaluated through leaching tests.	Effectiveness of excavation is evaluated by confirmatory soil sampling and analysis. Effectiveness of alkaline hydrolysis is evaluated by post-treatment sampling and analysis of treated soil. Effectiveness of stabilization evaluated through leaching tests.

Table 5-1

Comparative Analysis of Remedial Alternatives
Reservoir No. 2 Burning Grounds Feasibility Study
Former Plum Brook Ordnance Works
Sandusky, Ohio

Criteria	**Alternative 1:** No Action	**Alternative 2:** Excavation and Off-Site Disposal	**Alternative 3:** Excavation, Windrow Composting, Chemical Stabilization, On-Site and Off-Site Disposal	**Alternative 4:** Excavation, Alkaline Hydrolysis, Chemical Stabilization, On-Site and Off-Site Disposal
Ability to Obtain Approvals and Coordinate with Other Agencies	None required	Off-site disposal of RCRA waste at a hazardous waste landfill. Off-site disposal of nonhazardous solid waste at landfill approved to accept CERCLA waste.	Off-site disposal of nonhazardous solid waste at landfill approved to accept CERCLA waste.	Off-site disposal of nonhazardous solid waste at landfill approved to accept CERCLA waste.
Availability of Equipment, Specialists, and Materials	None required	Equipment, technical specialists, and materials readily available.	Equipment, technical specialists, and materials readily available.	Equipment, technical specialists, and materials readily available.
Availability of Technologies	None required	Available	Available	Available
Cost				
Capital Cost	None	$3.5 million	$3.8 million	$2.8 million
Annual O&M Cost	None	None	None	None
Present Worth Cost	None	$3.5 million	$3.8 million	$2.8 million
State Acceptance	Not acceptable	To be determined	To be determined	To be determined
Community Acceptance	Not acceptable	To be determined	To be determined	To be determined

ARAR - Applicable or relevant and appropriate requirement.
COC - Chemical of concern.
cy - Cubic yard.
mg/kg - Milligrams per kilogram.
O&M - Operation and maintenance.
OEPA - Ohio Environmental Protection Agency.
RCRA - Resource Conservation and Recovery Act.
RG - Remedial goal.
TNT - Trinitrotoluene.
TSDF - Treatment, storage, and disposal facility.
EPA - U.S. Environmental Protection Agency.

FIGURES

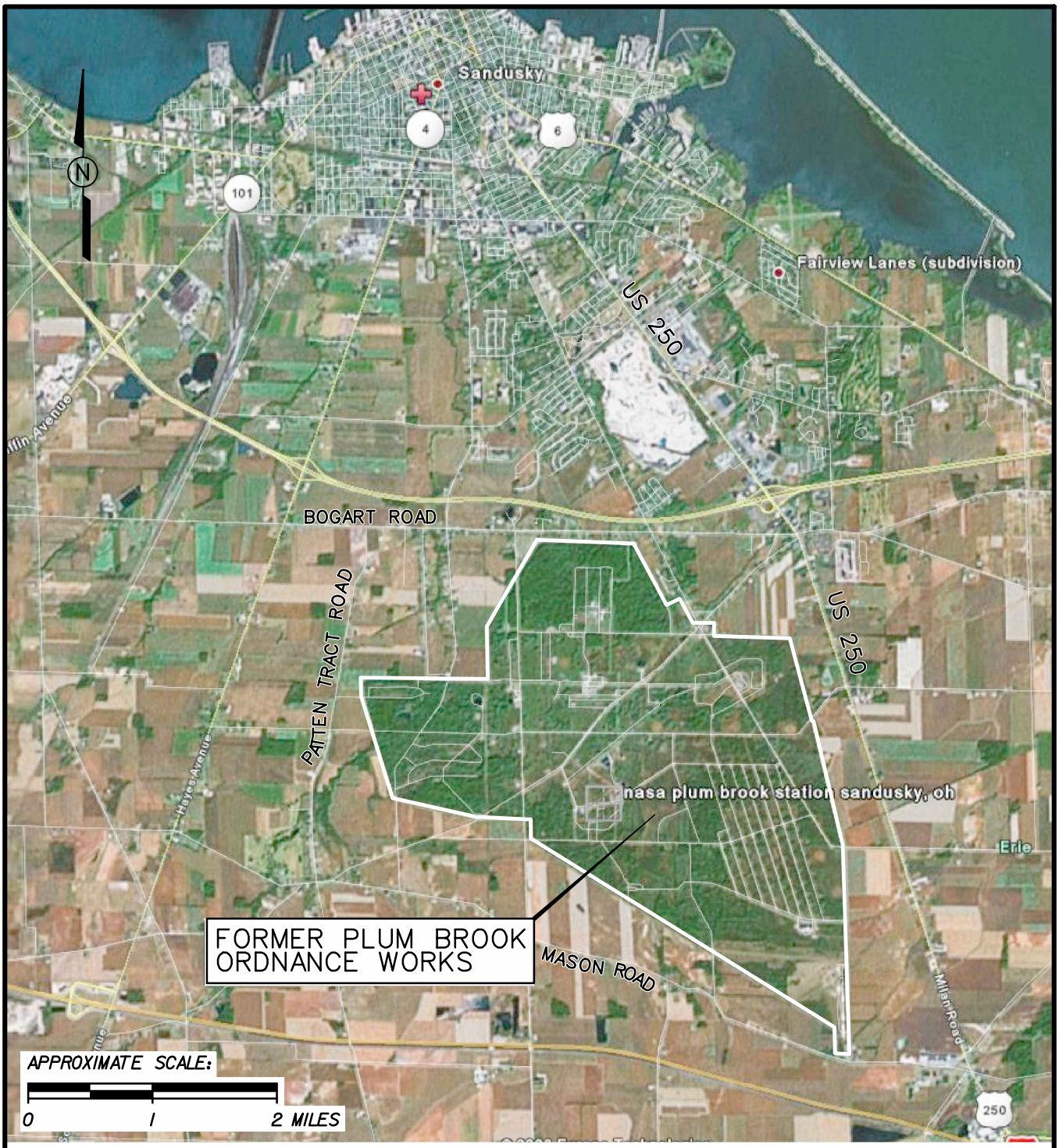

FIGURE 1-1
PBOW VICINITY MAP

RESERVOIR NO. 2 BURNING GROUND
FEASIBILITY STUDY
FORMER PLUM BROOK ORDNANCE WORKS
NASA PLUM BROOK STATION
SANDUSKY, OHIO

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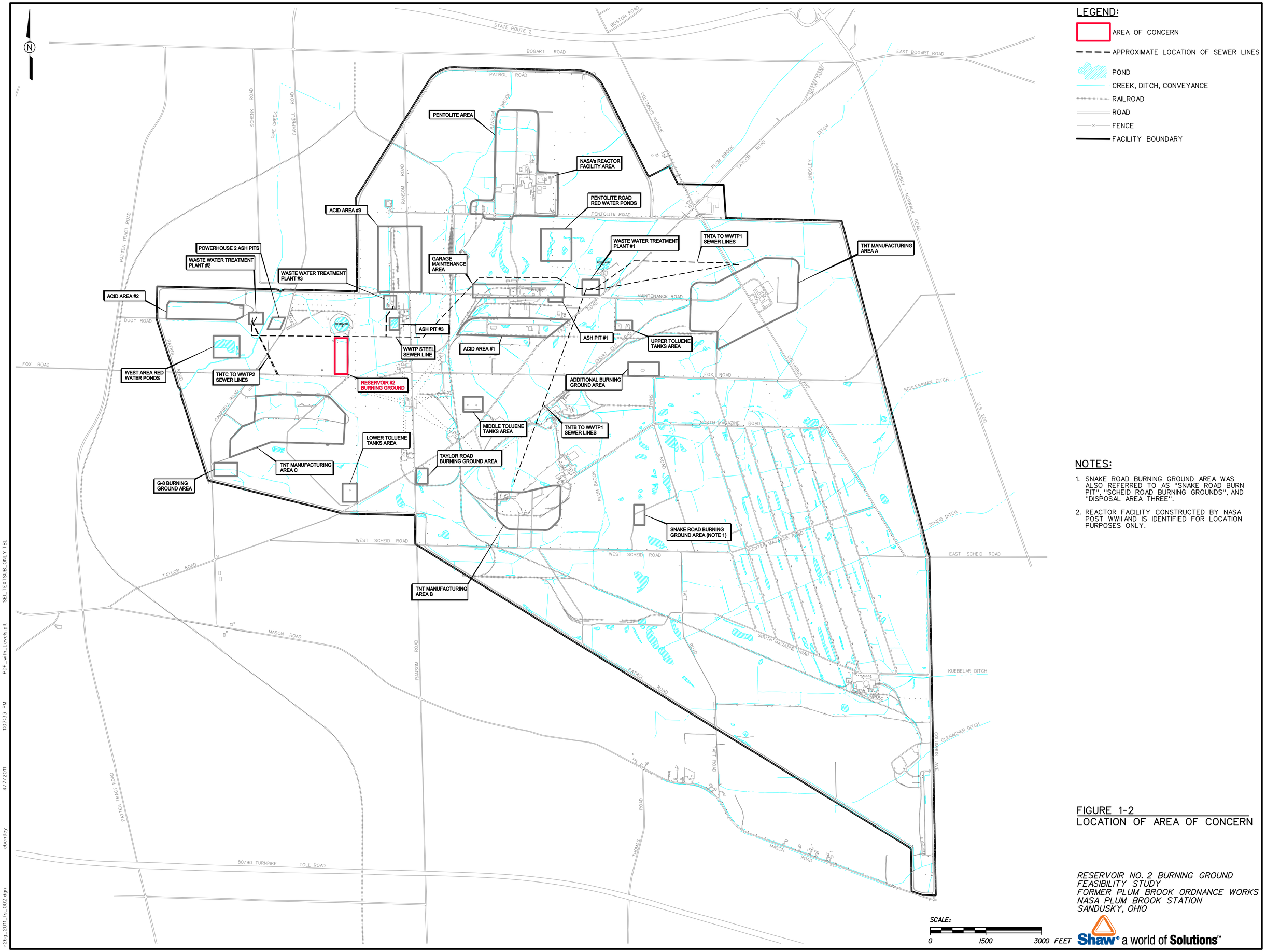

LEGEND:

- AREA OF CONCERN
- APPROXIMATE LOCATION OF SEWER LINES
- POND
- CREEK, DITCH, CONVEYANCE
- RAILROAD
- ROAD
- FENCE
- FACILITY BOUNDARY

NOTES:

1. SNAKE ROAD BURNING GROUND AREA WAS ALSO REFERRED TO AS "SNAKE ROAD BURN PIT", "SCHEID ROAD BURNING GROUNDS", AND "DISPOSAL AREA THREE".
2. REACTOR FACILITY CONSTRUCTED BY NASA POST WWII AND IS IDENTIFIED FOR LOCATION PURPOSES ONLY.

SCALE:

0 1500 3000 FEET

FIGURE 1-2
LOCATION OF AREA OF CONCERN

RESERVOIR NO. 2 BURNING GROUND
FEASIBILITY STUDY
FORMER PLUM BROOK ORDNANCE WORKS
NASA PLUM BROOK STATION
SANDUSKY, OHIO

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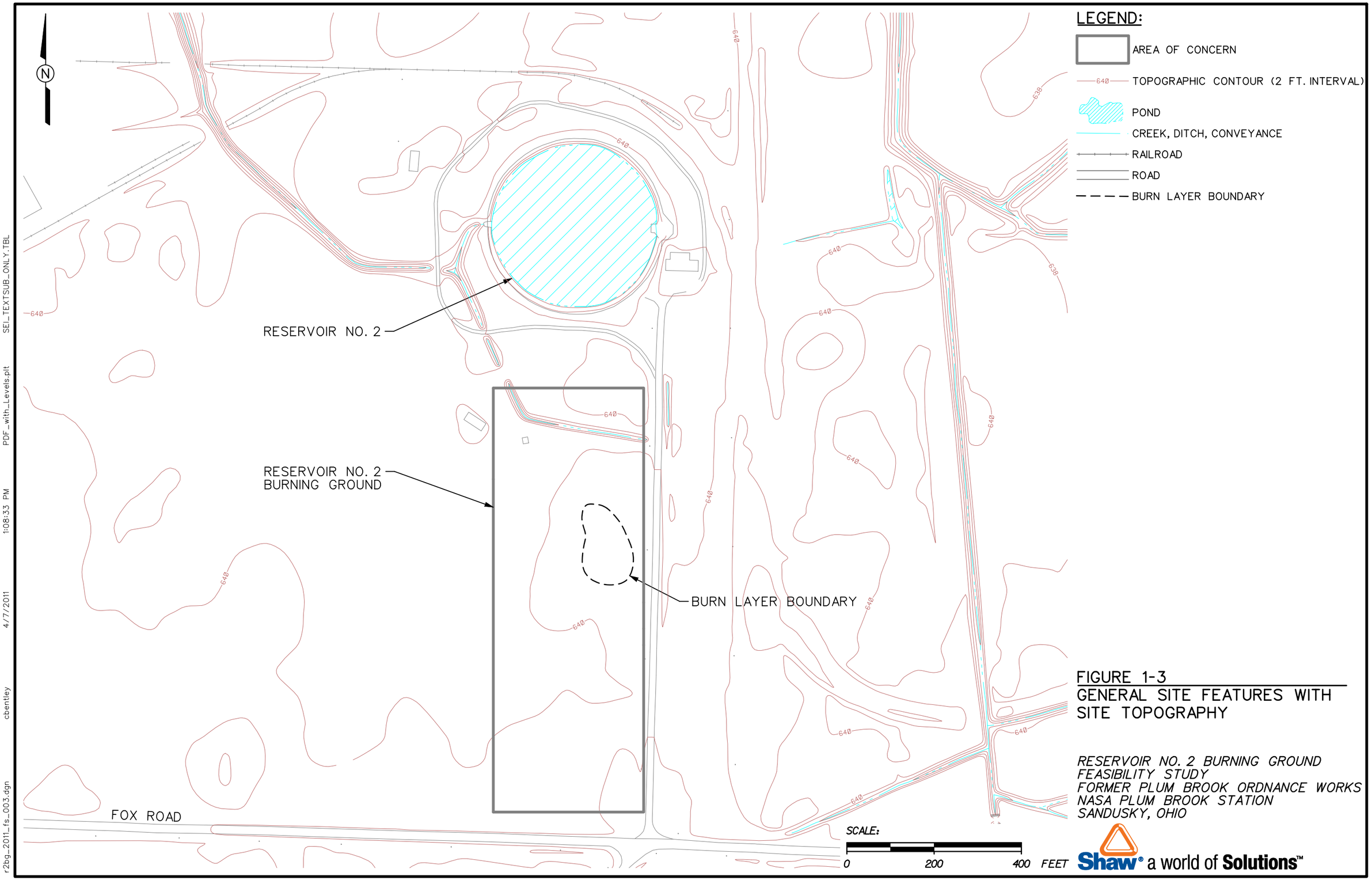

FIGURE 1-3
GENERAL SITE FEATURES WITH SITE TOPOGRAPHY

RESERVOIR NO. 2 BURNING GROUND
FEASIBILITY STUDY
FORMER PLUM BROOK ORDNANCE WORKS
NASA PLUM BROOK STATION
SANDUSKY, OHIO

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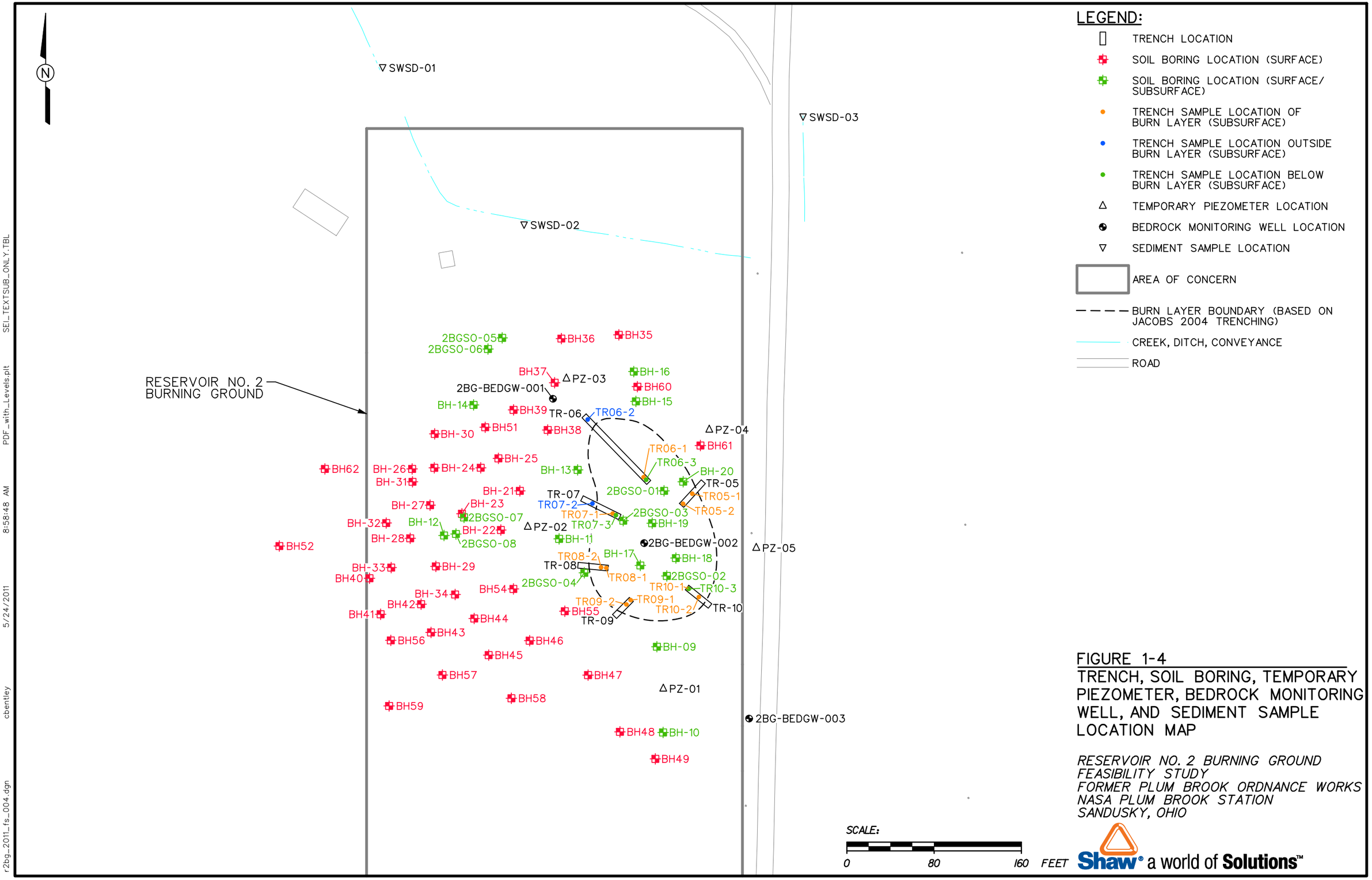

FIGURE 1-4
TRENCH, SOIL BORING, TEMPORARY PIEZOMETER, BEDROCK MONITORING WELL, AND SEDIMENT SAMPLE LOCATION MAP

RESERVOIR NO. 2 BURNING GROUND
FEASIBILITY STUDY
FORMER PLUM BROOK ORDNANCE WORKS
NASA PLUM BROOK STATION
SANDUSKY, OHIO

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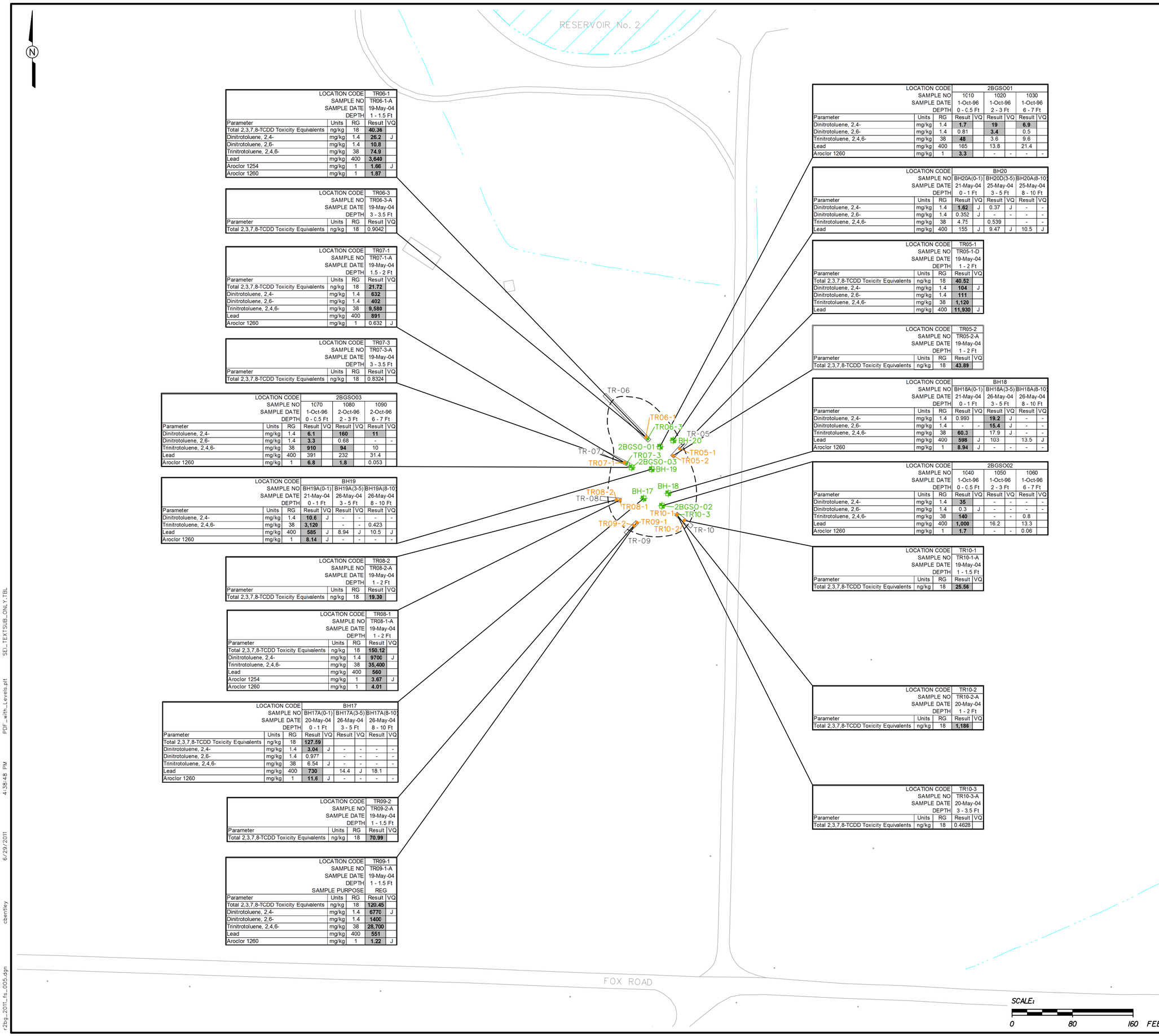

	LOCATION CODE		TR06-1	
	SAMPLE NO		TR06-1-A	
	SAMPLE DATE		19-May-04	
	DEPTH		1 - 1.5 Ft	
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	**40.36**	
Dinitrotoluene, 2,4-	mg/kg	1.4	**26.2**	J
Dinitrotoluene, 2,6-	mg/kg	1.4	**10.8**	
Trinitrotoluene, 2,4,6-	mg/kg	38	**74.9**	
Lead	mg/kg	400	**3,640**	
Aroclor 1254	mg/kg	1	**1.66**	J
Aroclor 1260	mg/kg	1	**1.87**	

	LOCATION CODE		TR06-3	
	SAMPLE NO		TR06-3-A	
	SAMPLE DATE		19-May-04	
	DEPTH		3 - 3.5 Ft	
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	0.9042	

	LOCATION CODE		TR07-1	
	SAMPLE NO		TR07-1-A	
	SAMPLE DATE		19-May-04	
	DEPTH		1.5 - 2 Ft	
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	**21.72**	
Dinitrotoluene, 2,4-	mg/kg	1.4	**632**	
Dinitrotoluene, 2,6-	mg/kg	1.4	**402**	
Trinitrotoluene, 2,4,6-	mg/kg	38	**9,580**	
Lead	mg/kg	400	**891**	
Aroclor 1260	mg/kg	1	0.632	J

	LOCATION CODE		TR07-3	
	SAMPLE NO		TR07-3-A	
	SAMPLE DATE		19-May-04	
	DEPTH		3 - 3.5 Ft	
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	0.8324	

	LOCATION CODE		2BGSO03					
	SAMPLE NO		1070		1080		1090	
	SAMPLE DATE		1-Oct-96		2-Oct-96		2-Oct-96	
	DEPTH		0 - 0.5 Ft		2 - 3 Ft		6 - 7 Ft	
Parameter	Units	RG	Result	VQ	Result	VQ	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	**6.1**		**160**		**11**	
Dinitrotoluene, 2,6-	mg/kg	1.4	**3.3**		0.68		-	-
Trinitrotoluene, 2,4,6-	mg/kg	38	**910**		**94**		10	
Lead	mg/kg	400	391		232		31.4	
Aroclor 1260	mg/kg	1	**6.8**		**1.8**		0.053	

	LOCATION CODE		BH19					
	SAMPLE NO		BH19A(0-1)		BH19A(3-5)		BH19A(8-10)	
	SAMPLE DATE		21-May-04		26-May-04		26-May-04	
	DEPTH		0 - 1 Ft		3 - 5 Ft		8 - 10 Ft	
Parameter	Units	RG	Result	VQ	Result	VQ	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	**10.6**	J	-	-	-	-
Trinitrotoluene, 2,4,6-	mg/kg	38	**3,120**		-	-	0.423	
Lead	mg/kg	400	**585**	J	8.94	J	10.5	J
Aroclor 1260	mg/kg	1	**8.14**	J	-	-	-	-

	LOCATION CODE		TR08-2	
	SAMPLE NO		TR08-2-A	
	SAMPLE DATE		19-May-04	
	DEPTH		1 - 2 Ft	
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	**19.30**	

	LOCATION CODE		TR08-1	
	SAMPLE NO		TR08-1-A	
	SAMPLE DATE		19-May-04	
	DEPTH		1 - 2 Ft	
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	**150.12**	
Dinitrotoluene, 2,4-	mg/kg	1.4	**9700**	J
Trinitrotoluene, 2,4,6-	mg/kg	38	**35,400**	
Lead	mg/kg	400	**560**	
Aroclor 1254	mg/kg	1	**3.67**	J
Aroclor 1260	mg/kg	1	**4.01**	

	LOCATION CODE		BH17					
	SAMPLE NO		BH17A(0-1)		BH17A(3-5)		BH17A(8-10)	
	SAMPLE DATE		20-May-04		26-May-04		26-May-04	
	DEPTH		0 - 1 Ft		3 - 5 Ft		8 - 10 Ft	
Parameter	Units	RG	Result	VQ	Result	VQ	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	**127.59**					
Dinitrotoluene, 2,4-	mg/kg	1.4	**3.04**	J	-	-	-	-
Dinitrotoluene, 2,6-	mg/kg	1.4	0.977		-	-	-	-
Trinitrotoluene, 2,4,6-	mg/kg	38	6.54	J	-	-	-	-
Lead	mg/kg	400	**730**		14.4	J	18.1	
Aroclor 1260	mg/kg	1	**11.6**	J	-	-	-	-

	LOCATION CODE		TR09-2	
	SAMPLE NO		TR09-2-A	
	SAMPLE DATE		19-May-04	
	DEPTH		1 - 1.5 Ft	
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	**70.99**	

	LOCATION CODE		TR09-1	
	SAMPLE NO		TR09-1-A	
	SAMPLE DATE		19-May-04	
	DEPTH		1 - 1.5 Ft	
	SAMPLE PURPOSE		REG	
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	**120.45**	
Dinitrotoluene, 2,4-	mg/kg	1.4	**6770**	J
Dinitrotoluene, 2,6-	mg/kg	1.4	**1400**	
Trinitrotoluene, 2,4,6-	mg/kg	38	**28,700**	
Lead	mg/kg	400	**551**	
Aroclor 1260	mg/kg	1	**1.22**	J

	LOCATION CODE		2BGSO01					
	SAMPLE NO		1010		1020		1030	
	SAMPLE DATE		1-Oct-96		1-Oct-96		1-Oct-96	
	DEPTH		0 - 0.5 Ft		2 - 3 Ft		6 - 7 Ft	
Parameter	Units	RG	Result	VQ	Result	VQ	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	**1.7**		**19**		**6.9**	
Dinitrotoluene, 2,6-	mg/kg	1.4	0.81		**3.4**		0.5	
Trinitrotoluene, 2,4,6-	mg/kg	38	**48**		3.6		9.6	
Lead	mg/kg	400	165		13.8		21.4	
Aroclor 1260	mg/kg	1	**3.3**		-	-	-	-

	LOCATION CODE		BH20					
	SAMPLE NO		BH20A(0-1)		BH20D(3-5)		BH20A(8-10)	
	SAMPLE DATE		21-May-04		25-May-04		25-May-04	
	DEPTH		0 - 1 Ft		3 - 5 Ft		8 - 10 Ft	
Parameter	Units	RG	Result	VQ	Result	VQ	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	**1.62**	J	0.37	J	-	-
Dinitrotoluene, 2,6-	mg/kg	1.4	0.352	J	-	-	-	-
Trinitrotoluene, 2,4,6-	mg/kg	38	4.75		0.539		-	-
Lead	mg/kg	400	155	J	9.47	J	10.5	J

	LOCATION CODE		TR05-1	
	SAMPLE NO		TR05-1-D	
	SAMPLE DATE		19-May-04	
	DEPTH		1 - 2 Ft	
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	**40.52**	
Dinitrotoluene, 2,4-	mg/kg	1.4	**104**	J
Dinitrotoluene, 2,6-	mg/kg	1.4	**111**	
Trinitrotoluene, 2,4,6-	mg/kg	38	**1,120**	
Lead	mg/kg	400	**11,930**	J

	LOCATION CODE		TR05-2	
	SAMPLE NO		TR05-2-A	
	SAMPLE DATE		19-May-04	
	DEPTH		1 - 2 Ft	
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	**43.89**	

	LOCATION CODE		BH18					
	SAMPLE NO		BH18A(0-1)		BH18A(3-5)		BH18A(8-10)	
	SAMPLE DATE		21-May-04		26-May-04		26-May-04	
	DEPTH		0 - 1 Ft		3 - 5 Ft		8 - 10 Ft	
Parameter	Units	RG	Result	VQ	Result	VQ	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	0.993		**19.2**	J	-	-
Dinitrotoluene, 2,6-	mg/kg	1.4	-	-	**15.4**	J	-	-
Trinitrotoluene, 2,4,6-	mg/kg	38	**60.3**		17.9	J	-	-
Lead	mg/kg	400	**598**	J	103		13.5	J
Aroclor 1260	mg/kg	1	**8.94**	J	-	-	-	-

	LOCATION CODE		2BGSO02					
	SAMPLE NO		1040		1050		1060	
	SAMPLE DATE		1-Oct-96		1-Oct-96		1-Oct-96	
	DEPTH		0 - 0.5 Ft		2 - 3 Ft		6 - 7 Ft	
Parameter	Units	RG	Result	VQ	Result	VQ	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	**35**		-	-	-	-
Dinitrotoluene, 2,6-	mg/kg	1.4	0.3	J	-	-	-	-
Trinitrotoluene, 2,4,6-	mg/kg	38	**140**		-	-	0.8	
Lead	mg/kg	400	**1,000**		16.2		13.3	
Aroclor 1260	mg/kg	1	**1.7**		-	-	0.06	

	LOCATION CODE		TR10-1	
	SAMPLE NO		TR10-1-A	
	SAMPLE DATE		19-May-04	
	DEPTH		1 - 1.5 Ft	
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	**25.56**	

	LOCATION CODE		TR10-2	
	SAMPLE NO		TR10-2-A	
	SAMPLE DATE		20-May-04	
	DEPTH		1 - 2 Ft	
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	**1,186**	

	LOCATION CODE		TR10-3	
	SAMPLE NO		TR10-3-A	
	SAMPLE DATE		20-May-04	
	DEPTH		3 - 3.5 Ft	
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	0.4628	

LEGEND:

- SOIL BORING LOCATION (SURFACE/ SUBSURFACE)
- TRENCH SAMPLE LOCATION OF BURN LAYER (SUBSURFACE)
- TRENCH SAMPLE LOCATION BELOW BURN LAYER (SUBSURFACE)
- BURN LAYER BOUNDARY (BASED ON JACOBS 2004 TRENCHING)
- CREEK, DITCH, CONVEYANCE
- ROAD
- BUILDING
- mg/kg MILLIGRAM PER KILOGRAM
- ng/kg NANOGRAM PER KILOGRAM

NOTES:

1. SHADED CELL INDICATES VALUE IS GREATER THAN THE REMEDIAL GOAL (RG).
2. TOTAL 2,3,7,8-TCDD TEQ - TOXICITY EQUIVALENCE BASED ON THE TOXICITY OF 2,3,7,8-TETRACHLORODIBENZODIOXIN (2,3,7,8-TCDD).
3. VALIDATION QUALIFIERS (VQ):
   J - THE COMPOUND/ANALYTE WAS POSITIVELY IDENTIFIED; THE REPORTED VALUE IS AN ESTIMATED CONCENTRATION.

DATA SOURCES:

Jacobs Engineering Group, Inc. (Jacobs), 2005, Final Site Characterization Report, Remedial Investigation Part 1 at Reservoir No. 2 Burning Ground, Former Plum Brook Ordnance Works, Sandusky, Ohio, January.

IT Corporation (IT), 1997, Site Investigations of the Reservoir No. 2 Burning Ground, Additional Burning Ground, Waste Disposal Plant No. 2, and Power House No. 2 Ash Pit, Former Plum Brook Ordnance Works, Sandusky, Ohio, December.

FIGURE 1-5

DETECTED CHEMICALS OF CONCERN IN SURFACE SOIL AND SUBSURFACE SOIL SAMPLES INSIDE THE BURN LAYER BOUNDARY

RESERVOIR NO. 2 BURNING GROUND
FEASIBILITY STUDY
FORMER PLUM BROOK ORDNANCE WORKS
NASA PLUM BROOK STATION
SANDUSKY, OHIO

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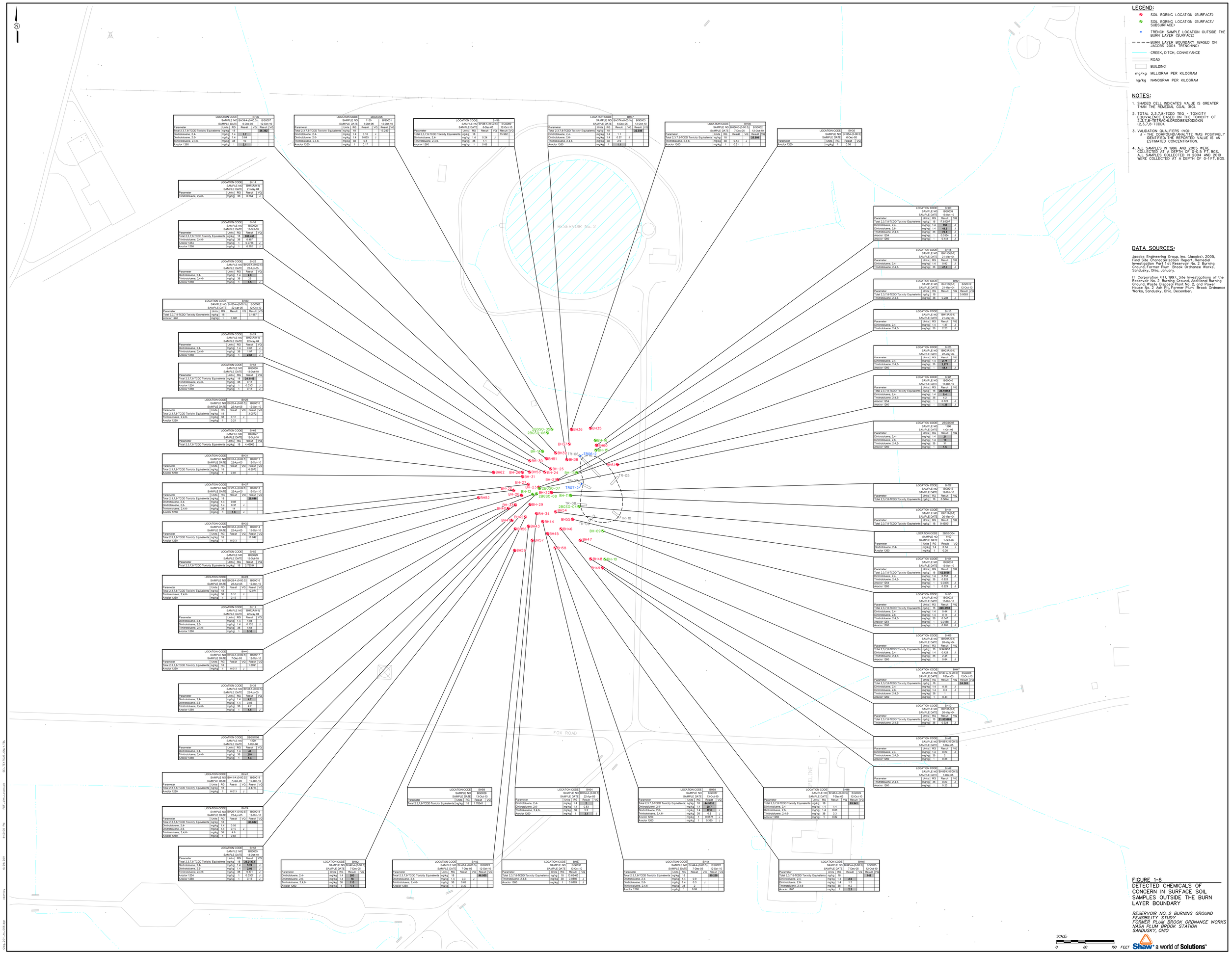

LEGEND:

- SOIL BORING LOCATION (SURFACE)
- SOIL BORING LOCATION (SURFACE/ SUBSURFACE)
- TRENCH SAMPLE LOCATION OUTSIDE THE BURN LAYER (SURFACE)
- BURN LAYER BOUNDARY (BASED ON JACOBS 2004 TRENCHING)
- CREEK, DITCH, CONVEYANCE
- ROAD
- BUILDING
- mg/kg MILLIGRAM PER KILOGRAM
- ng/kg NANOGRAM PER KILOGRAM

NOTES:

1. SHADED CELL INDICATES VALUE IS GREATER THAN THE REMEDIAL GOAL (RG).
2. TOTAL 2,3,7,8-TCDD TEQ - TOXICITY EQUIVALENCE BASED ON THE TOXICITY OF 2,3,7,8-TETRACHLORODIBENZODIOXIN (2,3,7,8-TCDD).
3. VALIDATION QUALIFIERS (VQ):
   J - THE COMPOUND/ANALYTE WAS POSITIVELY IDENTIFIED; THE REPORTED VALUE IS AN ESTIMATED CONCENTRATION.
4. ALL SAMPLES IN 1996 AND 2005 WERE COLLECTED AT A DEPTH OF 0-0.5 FT. BGS. ALL SAMPLES COLLECTED IN 2004 AND 2010 WERE COLLECTED AT A DEPTH OF 0-1 FT. BGS.

DATA SOURCES:

Jacobs Engineering Group, Inc. (Jacobs), 2005. Final Site Characterization Report, Remedial Investigation Part 1 at Reservoir No. 2 Burning Ground, Former Plum Brook Ordnance Works, Sandusky, Ohio, January.

IT Corporation (IT), 1997. Site Investigations of the Reservoir No. 2 Burning Ground, Additional Burning Ground, Waste Disposal Plant No. 2, and Power House No. 2 Ash Pit, Former Plum Brook Ordnance Works, Sandusky, Ohio, December.

LOCATION CODE	BH09				
SAMPLE NO	BH09A-(0-0.5)			BG0007	
SAMPLE DATE	6-Dec-05			12-Oct-10	
Parameter	Units	RG	Result	VQ	Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18			**26.398**
Dinitrotoluene, 2,4-	mg/kg	1.4	**5.7**		
Dinitrotoluene, 2,6-	mg/kg	1.4	0.64		
Trinitrotoluene, 2,4,6-	mg/kg	38	10		
Aroclor 1260	mg/kg	1	**2.1**		

LOCATION CODE	2BGSO05				
SAMPLE NO	1130			BG0001	
SAMPLE DATE	1-Oct-96			12-Oct-10	
Parameter	Units	RG	Result	VQ	Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18			13.249
Dinitrotoluene, 2,4-	mg/kg	1.4	0.18	J	
Dinitrotoluene, 2,6-	mg/kg	1.4	0.065	J	
Trinitrotoluene, 2,4,6-	mg/kg	38	0.5		
Aroclor 1260	mg/kg	1	0.17		

LOCATION CODE	BH08				
SAMPLE NO	BH08-A-(0-0.5)			BG0009	
SAMPLE DATE	6-Dec-05			12-Oct-10	
Parameter	Units	RG	Result	VQ	Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18			15.962
Dinitrotoluene, 2,4-	mg/kg	1.4	0.24	J	
Dinitrotoluene, 2,6-	mg/kg	1.4	1.1		
Trinitrotoluene, 2,4,6-	mg/kg	38	0.68		
Aroclor 1260	mg/kg	1	0.68		

LOCATION CODE	BH37				
SAMPLE NO	BH37A-(0-0.5)			BG0003	
SAMPLE DATE	6-Dec-05			12-Oct-10	
Parameter	Units	RG	Result	VQ	Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18			**32.626**
Dinitrotoluene, 2,4-	mg/kg	1.4	1.1		
Dinitrotoluene, 2,6-	mg/kg	1.4	0.27	J	
Trinitrotoluene, 2,4,6-	mg/kg	38	2.9		
Aroclor 1260	mg/kg	1	**5.5**		

LOCATION CODE	BH36				
SAMPLE NO	BH36-(0-0.5)			BG0002	
SAMPLE DATE	7-Dec-05			12-Oct-10	
Parameter	Units	RG	Result	VQ	Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18			**35.991**
Dinitrotoluene, 2,4,6-	mg/kg	38	0.14	J	
Aroclor 1260	mg/kg	1	0.21		

LOCATION CODE	BH05			
SAMPLE NO	BH05A-(0-0.5)			
SAMPLE DATE	6-Dec-05			
Parameter	Units	RG	Result	VQ
Aroclor 1260	mg/kg	1	0.08	

LOCATION CODE	BH14			
SAMPLE NO	BH14A0-11			
SAMPLE DATE	21-May-04			
Parameter	Units	RG	Result	VQ
Trinitrotoluene, 2,4,6-	mg/kg	38	0.364	J

LOCATION CODE	BH51			
SAMPLE NO	BG0028			
SAMPLE DATE	13-Oct-10			
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	**106.433**	
Trinitrotoluene, 2,4,6-	mg/kg	38	0.018	J
Aroclor 1248	mg/kg	1	0.0738	J
Aroclor 1260	mg/kg	1	0.300	J

LOCATION CODE	BH25			
SAMPLE NO	BH25-A-(0-0.5)			
SAMPLE DATE	22-Apr-05			
Parameter	Units	RG	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	**2.9**	
Trinitrotoluene, 2,4,6-	mg/kg	38	23	
Aroclor 1260	mg/kg	1	**3.5**	J

LOCATION CODE	BH30				
SAMPLE NO	BH30-A-(0-0.5)			BG0008	
SAMPLE DATE	22-Apr-05			12-Oct-10	
Parameter	Units	RG	Result	VQ	Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18			3.1487
Aroclor 1260	mg/kg	1	0.081		

LOCATION CODE	BH24			
SAMPLE NO	BH24A0-11			
SAMPLE DATE	22-May-04			
Parameter	Units	RG	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	0.85	J
Trinitrotoluene, 2,4,6-	mg/kg	38	1.97	J
Aroclor 1260	mg/kg	1	**2.43**	J

LOCATION CODE	BH53			
SAMPLE NO	BG0030			
SAMPLE DATE	13-Oct-10			
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	**24.1186**	
Trinitrotoluene, 2,4,6-	mg/kg	38	0.18	
Aroclor 1254	mg/kg	1	0.0301	J
Aroclor 1260	mg/kg	1	0.18	J

LOCATION CODE	BH28				
SAMPLE NO	BH28-A-(0-0.5)			BG0010	
SAMPLE DATE	22-Apr-05			12-Oct-10	
Parameter	Units	RG	Result	VQ	Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18			3.0572
Trinitrotoluene, 2,4,6-	mg/kg	38	0.16	J	
Aroclor 1260	mg/kg	1	0.21		

LOCATION CODE	BH62			
SAMPLE NO	BG0027			
SAMPLE DATE	13-Oct-10			
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	4.46995	

LOCATION CODE	BH31				
SAMPLE NO	BH31-A-(0-0.5)			BG0011	
SAMPLE DATE	22-Apr-05			12-Oct-10	
Parameter	Units	RG	Result	VQ	Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18			6.6972
Aroclor 1260	mg/kg	1	0.03		

LOCATION CODE	BH27				
SAMPLE NO	BH27-A-(0-0.5)			BG0013	
SAMPLE DATE	22-Apr-05			12-Oct-10	
Parameter	Units	RG	Result	VQ	Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18			**28.846**
Dinitrotoluene, 2,4-	mg/kg	1.4	0.86		
Dinitrotoluene, 2,6-	mg/kg	1.4	0.35	J	
Trinitrotoluene, 2,4,6-	mg/kg	38	14		
Aroclor 1260	mg/kg	1	**1.9**	J	

LOCATION CODE	BH32				
SAMPLE NO	BH32-A-(0-0.5)			BG0014	
SAMPLE DATE	22-Apr-05			12-Oct-10	
Parameter	Units	RG	Result	VQ	Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18			11.942
Aroclor 1260	mg/kg	1	0.013		

LOCATION CODE	BH52			
SAMPLE NO	BG0020			
SAMPLE DATE	13-Oct-10			
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	2.72534	

LOCATION CODE	BH28				
SAMPLE NO	BH28-A-(0-0.5)			BG0016	
SAMPLE DATE	22-Apr-05			12-Oct-10	
Parameter	Units	RG	Result	VQ	Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18			12.074
Trinitrotoluene, 2,4,6-	mg/kg	38	0.16	J	
Aroclor 1260	mg/kg	1	0.15		

LOCATION CODE	BH12			
SAMPLE NO	BH12A0-11			
SAMPLE DATE	22-May-04			
Parameter	Units	RG	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	1.04	
Dinitrotoluene, 2,6-	mg/kg	1.4	0.150	J
Trinitrotoluene, 2,4,6-	mg/kg	38	4.64	
Aroclor 1260	mg/kg	1	**5.33**	

LOCATION CODE	BH40				
SAMPLE NO	BH40-A-(0-0.5)			BG0017	
SAMPLE DATE	7-Dec-05			12-Oct-10	
Parameter	Units	RG	Result	VQ	Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18			1.6991
Aroclor 1260	mg/kg	1	0.013	J	

LOCATION CODE	BH33			
SAMPLE NO	BH33-A-(0-0.5)			
SAMPLE DATE	22-Apr-05			
Parameter	Units	RG	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	**4.7**	
Dinitrotoluene, 2,6-	mg/kg	1.4	0.86	
Trinitrotoluene, 2,4,6-	mg/kg	38	4.7	
Aroclor 1260	mg/kg	1	**1.5**	J

LOCATION CODE	2BGSO08			
SAMPLE NO	1200			
SAMPLE DATE	1-Oct-96			
Parameter	Units	RG	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	**40**	
Trinitrotoluene, 2,4,6-	mg/kg	38	**210**	
Aroclor 1260	mg/kg	1	**1.4**	

LOCATION CODE	BH41				
SAMPLE NO	BH41-A-(0-0.5)			BG0019	
SAMPLE DATE	7-Dec-05			12-Oct-10	
Parameter	Units	RG	Result	VQ	Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18			4.4754
Aroclor 1260	mg/kg	1	0.013	J	

LOCATION CODE	BH29				
SAMPLE NO	BH29-A-(0-0.5)			BG0018	
SAMPLE DATE	22-Apr-05			12-Oct-10	
Parameter	Units	RG	Result	VQ	Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18			**63.682**
Dinitrotoluene, 2,4-	mg/kg	1.4	0.56		
Dinitrotoluene, 2,6-	mg/kg	1.4	0.15	J	
Trinitrotoluene, 2,4,6-	mg/kg	38	4.6		
Aroclor 1260	mg/kg	1	0.83		

LOCATION CODE	BH56				
SAMPLE NO	BG0035				
SAMPLE DATE	13-Oct-10				
Parameter	Units	RG	Result	VQ	Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	**38.21473**		
Dinitrotoluene, 2,4-	mg/kg	1.4	**5.24**	J	
Dinitrotoluene, 2,6-	mg/kg	1.4	**2.09**	J	
Trinitrotoluene, 2,4,6-	mg/kg	38	0.371	J	
Aroclor 1254	mg/kg	1	0.0307	J	
Aroclor 1260	mg/kg	1	0.16	J	

LOCATION CODE	BH42			
SAMPLE NO	BH42-A-(0-0.5)			
SAMPLE DATE	7-Dec-05			
Parameter	Units	RG	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	**200**	
Dinitrotoluene, 2,6-	mg/kg	1.4	**78**	
Trinitrotoluene, 2,4,6-	mg/kg	38	**110**	
Aroclor 1260	mg/kg	1	**1.1**	

LOCATION CODE	BH43			
SAMPLE NO	BH43-A-(0-0.5)			BG0023
SAMPLE DATE	7-Dec-05			12-Oct-10
Parameter	Units	RG	Result	VQ Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18		**46.955**
Dinitrotoluene, 2,4-	mg/kg	1.4	0.3	J
Trinitrotoluene, 2,4,6-	mg/kg	38	0.62	
Aroclor 1260	mg/kg	1	0.38	

LOCATION CODE	BH59			
SAMPLE NO	BG0038			
SAMPLE DATE	13-Oct-10			
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	1.70641	

LOCATION CODE	BH34			
SAMPLE NO	BH34-A-(0-0.5)			
SAMPLE DATE	22-Apr-05			
Parameter	Units	RG	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	**2**	
Dinitrotoluene, 2,6-	mg/kg	1.4	0.83	
Trinitrotoluene, 2,4,6-	mg/kg	38	5.2	
Aroclor 1260	mg/kg	1	**3.1**	J

LOCATION CODE	BH57			
SAMPLE NO	BG0036			
SAMPLE DATE	13-Oct-10			
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	10.63465	
Trinitrotoluene, 2,4,6-	mg/kg	38	0.0858	J
Aroclor 1260	mg/kg	1	0.0183	J

LOCATION CODE	BH58			
SAMPLE NO	BG0037			
SAMPLE DATE	13-Oct-10			
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	**64.5653**	
Dinitrotoluene, 2,4-	mg/kg	1.4	**29.7**	
Dinitrotoluene, 2,6-	mg/kg	1.4	**12.8**	J
Trinitrotoluene, 2,4,6-	mg/kg	38	6.8	J
Aroclor 1254	mg/kg	1	0.0878	J
Aroclor 1260	mg/kg	1	0.395	J

LOCATION CODE	BH44				
SAMPLE NO	BH44-A-(0-0.5)			BG0020	
SAMPLE DATE	7-Dec-05			12-Oct-10	
Parameter	Units	RG	Result	VQ	Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18			**95.259**
Dinitrotoluene, 2,4-	mg/kg	1.4	0.9		
Dinitrotoluene, 2,6-	mg/kg	1.4	0.3	J	
Trinitrotoluene, 2,4,6-	mg/kg	38	2		
Aroclor 1260	mg/kg	1	0.96		

LOCATION CODE	BH46				
SAMPLE NO	BH46A-(0-0.5)			BG0024	
SAMPLE DATE	7-Dec-05			12-Oct-10	
Parameter	Units	RG	Result	VQ	Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18			**33.941**
Dinitrotoluene, 2,4-	mg/kg	1.4	1.4		
Dinitrotoluene, 2,6-	mg/kg	1.4	0.68		
Trinitrotoluene, 2,4,6-	mg/kg	38	3.3		
Aroclor 1260	mg/kg	1	0.82		

LOCATION CODE	BH45				
SAMPLE NO	BH45-A-(0-0.5)			BG0025	
SAMPLE DATE	7-Dec-05			12-Oct-10	
Parameter	Units	RG	Result	VQ	Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18			**149**
Dinitrotoluene, 2,4-	mg/kg	1.4	**2.9**		
Dinitrotoluene, 2,6-	mg/kg	1.4	1.3		
Trinitrotoluene, 2,4,6-	mg/kg	38	9.2		
Aroclor 1260	mg/kg	1	**2.2**		

LOCATION CODE	BH60			
SAMPLE NO	BG0039			
SAMPLE DATE	13-Oct-10			
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	17.6507	
Dinitrotoluene, 2,4-	mg/kg	1.4	**130**	J
Dinitrotoluene, 2,6-	mg/kg	1.4	**49.5**	J
Trinitrotoluene, 2,4,6-	mg/kg	38	**70.5**	J
Aroclor 1254	mg/kg	-	0.0104	J
Aroclor 1260	mg/kg	-	0.143	J

LOCATION CODE	BH15			
SAMPLE NO	BH15D(0-1)			
SAMPLE DATE	21-May-04			
Parameter	Units	RG	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	0.72	J
Trinitrotoluene, 2,4,6-	mg/kg	38	**47.7**	J

LOCATION CODE	BH01				
SAMPLE NO	BH01D(0-1)			BG0013	
SAMPLE DATE	21-May-04			12-Oct-10	
Parameter	Units	RG	Result	VQ	Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18			5.9585
Trinitrotoluene, 2,4,6-	mg/kg	38	0.284	J	

LOCATION CODE	BH13			
SAMPLE NO	BH13A(0-1)			
SAMPLE DATE	21-May-04			
Parameter	Units	RG	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	1.37	J
Trinitrotoluene, 2,4,6-	mg/kg	38	2.23	J

LOCATION CODE	BH23			
SAMPLE NO	BH23A(0-1)			
SAMPLE DATE	22-May-04			
Parameter	Units	RG	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	**2.71**	J
Trinitrotoluene, 2,4,6-	mg/kg	38	**2.279**	
Aroclor 1260	mg/kg	-	**44.4**	J

LOCATION CODE	BH61			
SAMPLE NO	BG0040			
SAMPLE DATE	13-Oct-10			
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	**28.10861**	
Dinitrotoluene, 2,4-	mg/kg	1.4	**9.4**	
Dinitrotoluene, 2,4,6-	mg/kg	38	4.2	
Aroclor 1254	mg/kg	-	0.123	J
Aroclor 1260	mg/kg	1	**1.36**	J

LOCATION CODE	2BGSO07			
SAMPLE NO	1190			
SAMPLE DATE	1-Oct-96			
Parameter	Units	RG	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	**21**	
Dinitrotoluene, 2,6-	mg/kg	1.4	**10**	
Trinitrotoluene, 2,4,6-	mg/kg	38	31	
Aroclor 1260	mg/kg	1	**1.5**	

LOCATION CODE	BH22			
SAMPLE NO	BG0015			
SAMPLE DATE	12-Oct-10			
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	6.5644	

LOCATION CODE	BH11			
SAMPLE NO	BH11A(0-1)			
SAMPLE DATE	20-May-04			
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	9.45501	

LOCATION CODE	2BGSO04			
SAMPLE NO	1100			
SAMPLE DATE	1-Oct-96			
Parameter	Units	RG	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	0.64	J
Aroclor 1260	mg/kg	1	0.06	

LOCATION CODE	BH54			
SAMPLE NO	BG0031			
SAMPLE DATE	13-Oct-10			
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	**42.6556**	
Dinitrotoluene, 2,4-	mg/kg	1.4	0.153	J
Trinitrotoluene, 2,4,6-	mg/kg	38	0.826	
Aroclor 1254	mg/kg	-	0.0435	J
Aroclor 1260	mg/kg	-	0.229	J

LOCATION CODE	BH55			
SAMPLE NO	BG0032			
SAMPLE DATE	13-Oct-10			
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	**249.3195**	
Dinitrotoluene, 2,4-	mg/kg	1.4	0.44	J
Dinitrotoluene, 2,6-	mg/kg	1.4	0.14	J
Trinitrotoluene, 2,4,6-	mg/kg	38	0.54[1]	J
Aroclor 1254	mg/kg	-	0.0488	J
Aroclor 1260	mg/kg	-	0.295	J

LOCATION CODE	BH09			
SAMPLE NO	BH09A(0-1)			
SAMPLE DATE	20-May-04			
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	9.94345[7]	
Dinitrotoluene, 2,4-	mg/kg	1.4	0.429	J
Trinitrotoluene, 2,4,6-	mg/kg	38	2.45	
Aroclor 1260	mg/kg	-	0.84	J

LOCATION CODE	BH47			
SAMPLE NO	BH47A-(0-0.5)			BG0026
SAMPLE DATE	7-Dec-05			12-Oct-10
Parameter	Units	RG	Result	VQ Result VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18		**24.363**
Dinitrotoluene, 2,4-	mg/kg	1.4	0.3	J
Dinitrotoluene, 2,6-	mg/kg	1.4	0.3	J
Trinitrotoluene, 2,4,6-	mg/kg	38	1	
Aroclor 1260	mg/kg	1	0.44	

LOCATION CODE	BH10			
SAMPLE NO	BH10A(0-1)			
SAMPLE DATE	20-May-04			
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	**21.503083**	
Trinitrotoluene, 2,4,6-	mg/kg	38	0.928	J

LOCATION CODE	BH48			
SAMPLE NO	BH48-A-(0-0.5)			
SAMPLE DATE	7-Dec-05			
Parameter	Units	RG	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	0.29	J
Trinitrotoluene, 2,4,6-	mg/kg	38	2	
Aroclor 1260	mg/kg	-	0.36	

LOCATION CODE	BH49			
SAMPLE NO	BH49-A-(0-0.5)			
SAMPLE DATE	7-Dec-05			
Parameter	Units	RG	Result	VQ
Trinitrotoluene, 2,4,6-	mg/kg	38	0.29	J
Aroclor 1260	mg/kg	-	0.25	

FIGURE 1-6
DETECTED CHEMICALS OF CONCERN IN SURFACE SOIL SAMPLES OUTSIDE THE BURN LAYER BOUNDARY

RESERVOIR NO. 2 BURNING GROUND FEASIBILITY STUDY
FORMER PLUM BROOK ORDNANCE WORKS
NASA PLUM BROOK STATION
SANDUSKY, OHIO

SCALE:
0 80 160 FEET

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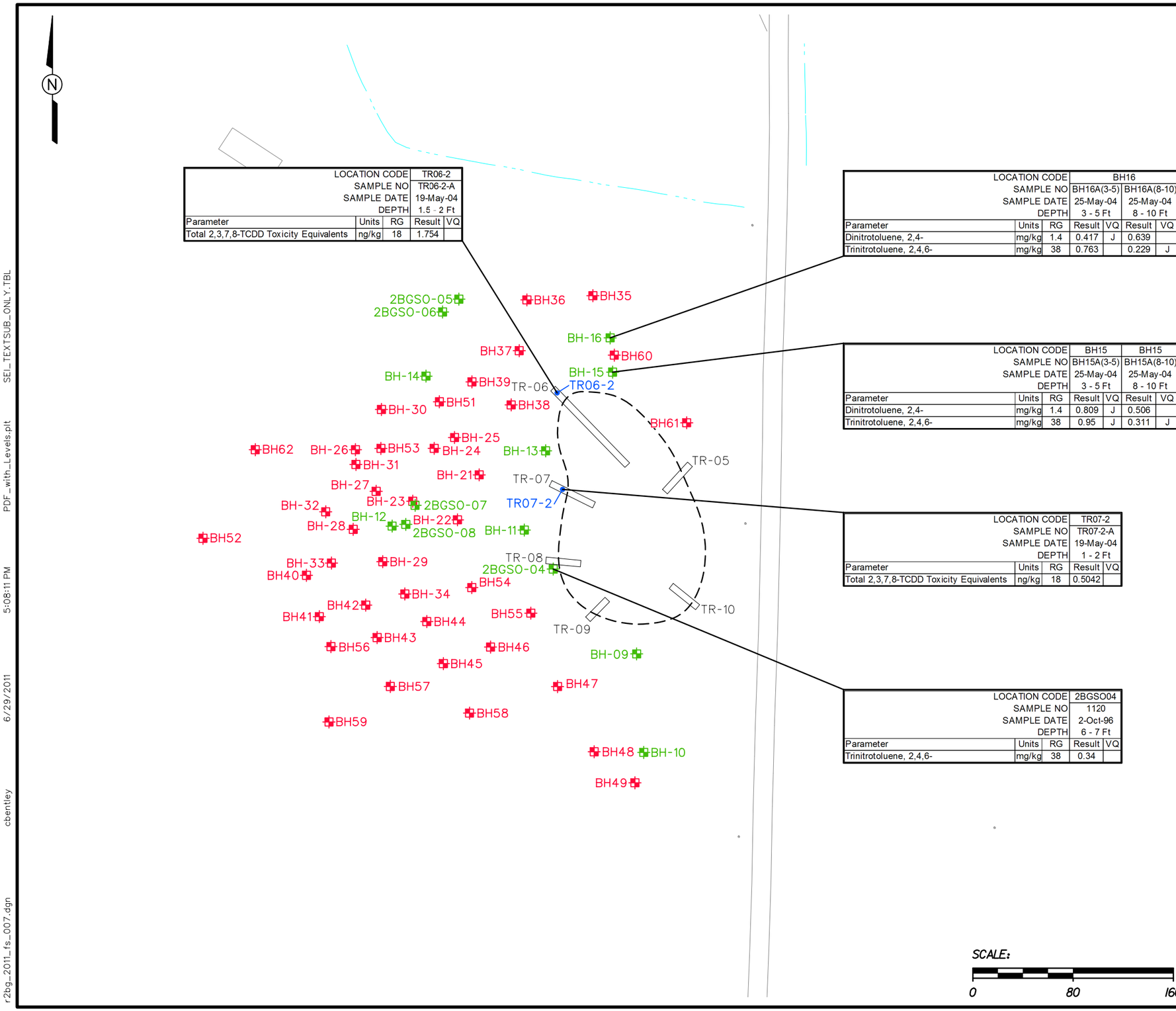

LOCATION CODE			TR06-2	
SAMPLE NO			TR06-2-A	
SAMPLE DATE			19-May-04	
DEPTH			1.5 - 2 Ft	
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	1.754	

LOCATION CODE			BH16			
SAMPLE NO			BH16A(3-5)		BH16A(8-10)	
SAMPLE DATE			25-May-04		25-May-04	
DEPTH			3 - 5 Ft		8 - 10 Ft	
Parameter	Units	RG	Result	VQ	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	0.417	J	0.639	
Trinitrotoluene, 2,4,6-	mg/kg	38	0.763		0.229	J

LOCATION CODE			BH15		BH15	
SAMPLE NO			BH15A(3-5)		BH15A(8-10)	
SAMPLE DATE			25-May-04		25-May-04	
DEPTH			3 - 5 Ft		8 - 10 Ft	
Parameter	Units	RG	Result	VQ	Result	VQ
Dinitrotoluene, 2,4-	mg/kg	1.4	0.809	J	0.506	
Trinitrotoluene, 2,4,6-	mg/kg	38	0.95	J	0.311	J

LOCATION CODE			TR07-2	
SAMPLE NO			TR07-2-A	
SAMPLE DATE			19-May-04	
DEPTH			1 - 2 Ft	
Parameter	Units	RG	Result	VQ
Total 2,3,7,8-TCDD Toxicity Equivalents	ng/kg	18	0.5042	

LOCATION CODE			2BGSO04	
SAMPLE NO			1120	
SAMPLE DATE			2-Oct-96	
DEPTH			6 - 7 Ft	
Parameter	Units	RG	Result	VQ
Trinitrotoluene, 2,4,6-	mg/kg	38	0.34	

LEGEND:

- SOIL BORING LOCATION (SURFACE)
- SOIL BORING LOCATION (SURFACE/ SUBSURFACE)
- TRENCH SAMPLE LOCATION OUTSIDE THE BURN LAYER (SUBSURFACE)
- BURN LAYER BOUNDARY (BASED ON JACOBS 2004 TRENCHING)
- CREEK, DITCH, CONVEYANCE
- ROAD
- BUILDING
- mg/kg MILLIGRAM PER KILOGRAM
- ng/kg NANOGRAM PER KILOGRAM

NOTES:

1. NO SUBSURFACE SOIL SAMPLES OUTSIDE THE BURN LAYER BOUNDARY HAD CONCENTRATIONS GREATER THAN THE REMEDIAL GOALS (RG).
2. TOTAL 2,3,7,8-TCDD TEQ - TOXICITY EQUIVALENCE BASED ON THE TOXICITY OF 2,3,7,8-TETRACHLORODIBENZODIOXIN (2,3,7,8-TCDD).
3. VALIDATION QUALIFIERS (VQ):
   J - THE COMPOUND/ANALYTE WAS POSITIVELY IDENTIFIED; THE REPORTED VALUE IS AN ESTIMATED CONCENTRATION.

DATA SOURCES:

Jacobs Engineering Group, Inc. (Jacobs), 2005, Final Site Characterization Report, Remedial Investigation Part 1 at Reservoir No. 2 Burning Ground, Former Plum Brook Ordnance Works, Sandusky, Ohio, January.

IT Corporation (IT), 1997, Site Investigations of the Reservoir No. 2 Burning Ground, Additional Burning Ground, Waste Disposal Plant No. 2, and Power House No. 2 Ash Pit, Former Plum Brook Ordnance Works, Sandusky, Ohio, December.

SCALE:

0 80 160 FEET

FIGURE 1-7
DETECTED CHEMICALS OF CONCERN IN SUBSURFACE SOIL SAMPLES OUTSIDE THE BURN LAYER BOUNDARY

RESERVOIR NO. 2 BURNING GROUND
FEASIBILITY STUDY
FORMER PLUM BROOK ORDNANCE WORKS
NASA PLUM BROOK STATION
SANDUSKY, OHIO

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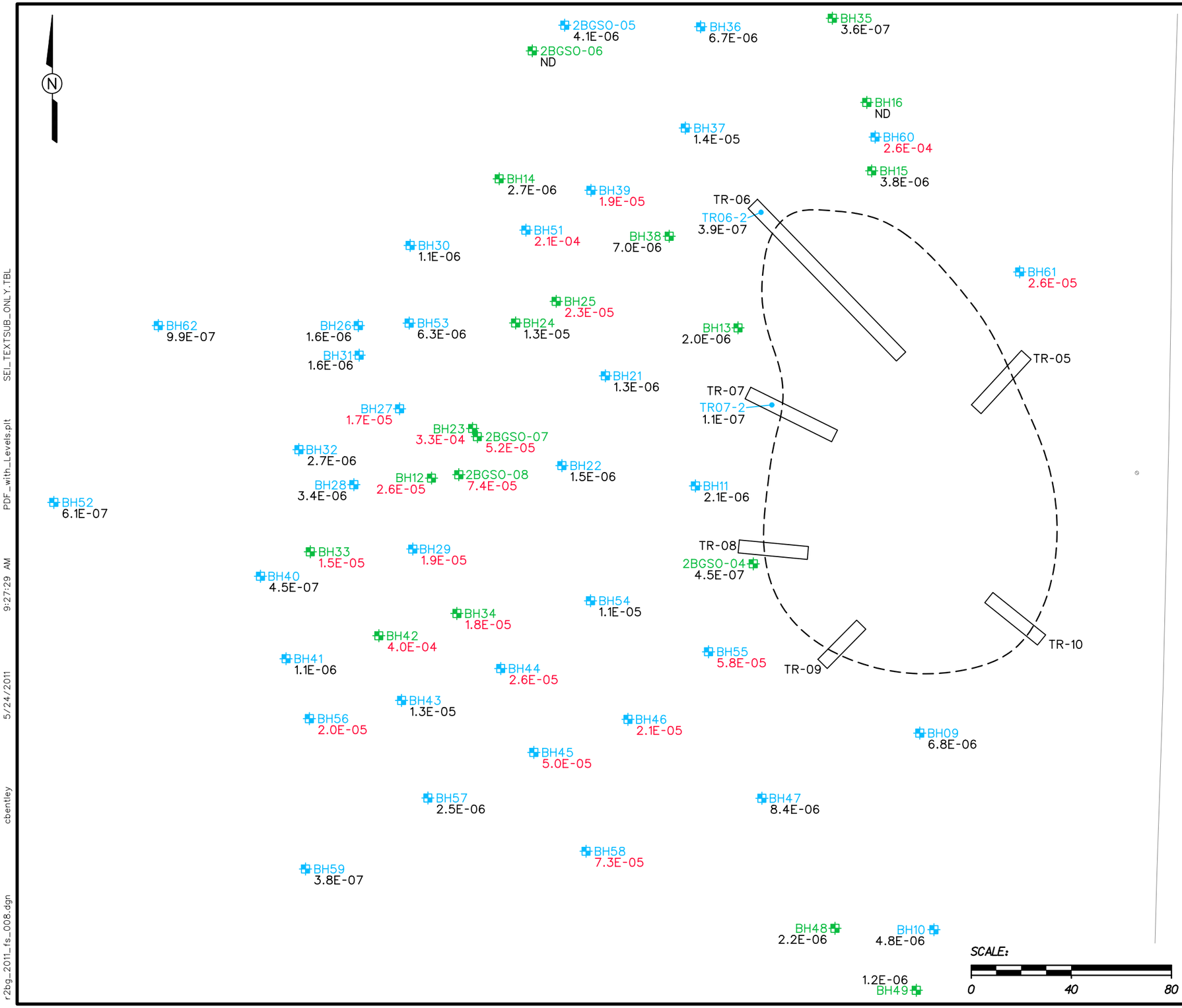

LEGEND:

- TRENCH LOCATION
- SOIL SAMPLE LOCATION NOT ANALYZED FOR PCDD/Fs
- SOIL SAMPLE LOCATION ANALYZED FOR FULL SUITE INCLUDING PCDD/Fs
- TRENCH SAMPLE LOCATION ANALYZED FOR PCDD/Fs ONLY
- BURN LAYER BOUNDARY (BASED ON JACOBS 2004 TRENCHING)

NOTES:

1. VALUES SHOWN IN RED EXCEED A SAMPLE SPECIFIC INCREMENTAL LIFETIME CANCER RISK OF 1E-5 (ROUNDED TO ONE SIGNIFICANT FIGURE).
2. "PCDD/F" REFERS TO POLYCHLORINATED DIBENZODIOXINS/FURANS.

FIGURE 1-8
CANCER RISK VALUES FOR SURFACE SOIL SAMPLES OUTSIDE THE BURN LAYER BOUNDARY

RESERVOIR NO. 2 BURNING GROUND
FEASIBILITY STUDY
FORMER PLUM BROOK ORDNANCE WORKS
NASA PLUM BROOK STATION
SANDUSKY, OHIO

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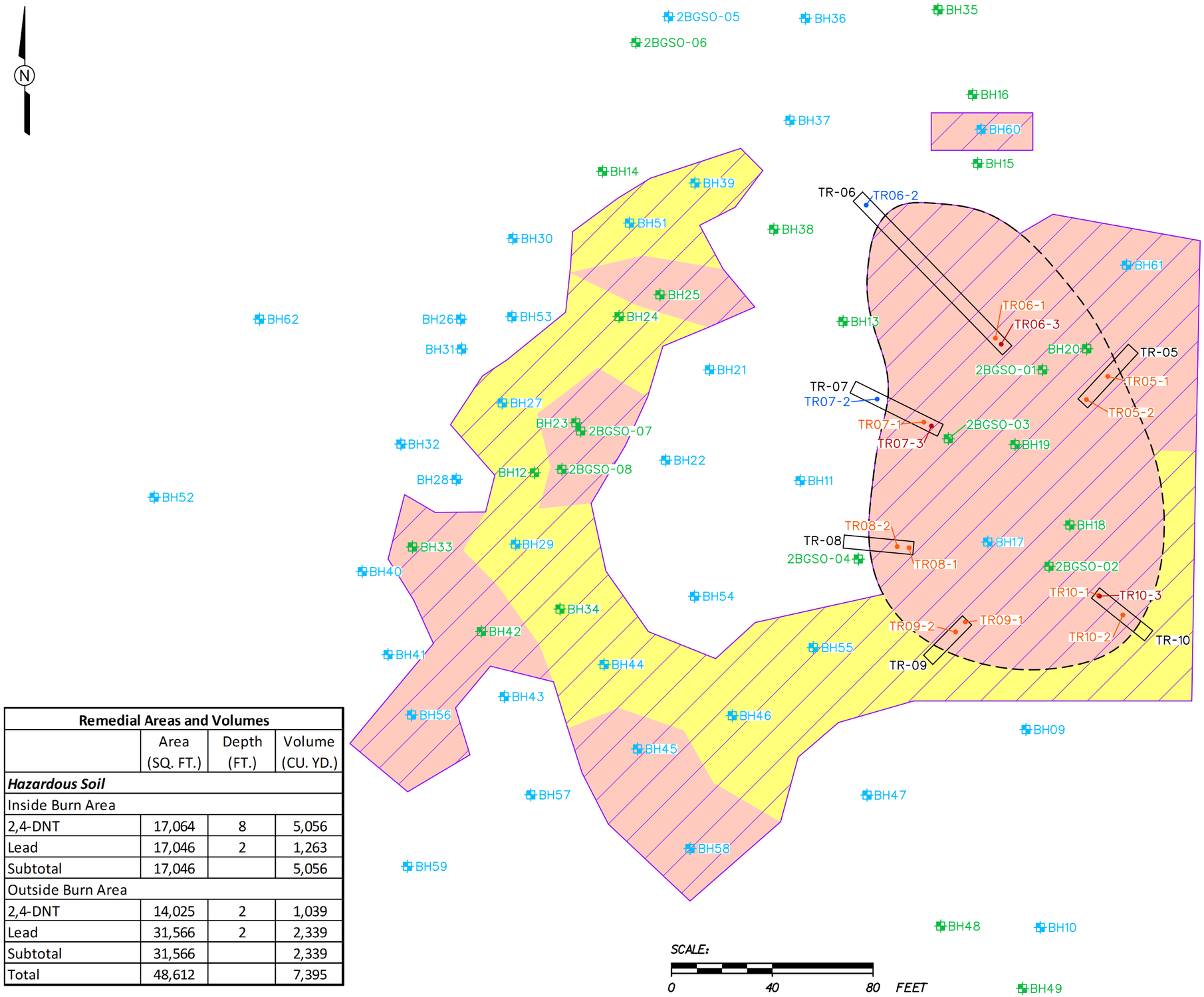

LEGEND:

- TRENCH LOCATION
- SURFACE SOIL SAMPLE LOCATION NOT ANALYZED FOR PCDD/Fs
- SURFACE SOIL SAMPLE LOCATION FULL SUITE ANALYSIS INCLUDING PCDD/Fs
- TRENCH SAMPLE LOCATION OF BURN LAYER (SUBSURFACE)
- TRENCH SAMPLE LOCATION OUTSIDE BURN LAYER (SUBSURFACE)
- TRENCH SAMPLE LOCATION BELOW BURN LAYER (SUBSURFACE)
- BURN LAYER BOUNDARY (BASED ON JACOBS 2004 TRENCHING)
- REMEDIAL AREA - NONHAZARDOUS FOR 2,4-DNT (<2.6 mg/kg)
- REMEDIAL AREA - HAZARDOUS FOR 2,4-DNT (>2.6 mg/kg)
- REMEDIAL AREA - HAZARDOUS FOR LEAD (>100 mg/kg)

NOTES:

1. ALL SOIL FROM 0 TO 2 FEET IS ASSUMED HAZARDOUS WITH RESPECT TO LEAD.
2. ALL BURN AREA SOIL AT DEPTHS OF 2 TO 8 FEET IS ASSUMED HAZARDOUS DUE TO 2,4-DNT.
3. LOCATIONS SHOWN IN RED WERE PREVIOUSLY SAMPLED, BUT NOT FOR POLYCHLORINATED DIBENZODIOXINS/FURANS (PCDD/Fs).
4. "FULL SUITE" INCLUDES NITROAROMATICS, PCBs, PAHs, AND PCDD/Fs ANALYSIS.
5. REMEDIAL AREAS CIRCUMSCRIBE SAMPLE LOCATIONS WITH A TOTAL CANCER RISK >1E-05.
6. DEPTH OF REMEDIAL VOLUME INSIDE LIMITS OF BURN AREA = 8 FEET.
7. DEPTH OF REMEDIAL VOLUME OUTSIDE LIMITS OF BURN AREA = 2 FEET.
8. TRENCH SAMPLES ENDING IN "-1" SUFFIX WERE ANALYZED FOR FULL SUITE.
9. TRENCH SAMPLES ENDING IN "-2" SUFFIX WERE ANALYZED FOR PCDD/Fs ONLY.

Remedial Areas and Volumes

	Area (SQ. FT.)	Depth (FT.)	Volume (CU. YD.)
Hazardous Soil			
Inside Burn Area			
2,4-DNT	17,064	8	5,056
Lead	17,046	2	1,263
Subtotal	17,046		5,056
Outside Burn Area			
2,4-DNT	14,025	2	1,039
Lead	31,566	2	2,339
Subtotal	31,566		2,339
Total	48,612		7,395

FIGURE 2-1
PROPOSED REMEDIAL AREAS AND VOLUMES OF SOIL

RESERVOIR NO. 2 BURNING GROUND
FORMER PLUM BROOK ORDNANCE WORKS
NASA PLUM BROOK STATION
SANDUSKY, OHIO

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Figure 3-1

Cometabolic Reduction of 2,4,6-TNT During Fermentation of Glucose

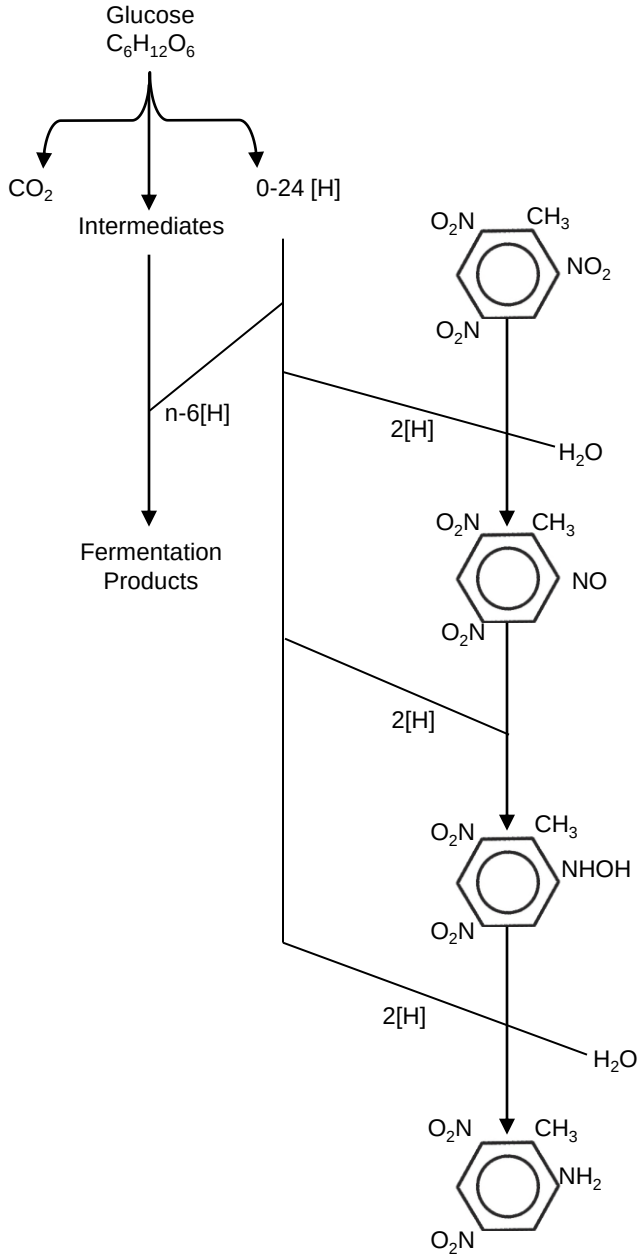


Figure 3-2
Transformation and Humification of TNT in an Anaerobic/ Aerobic Composting System

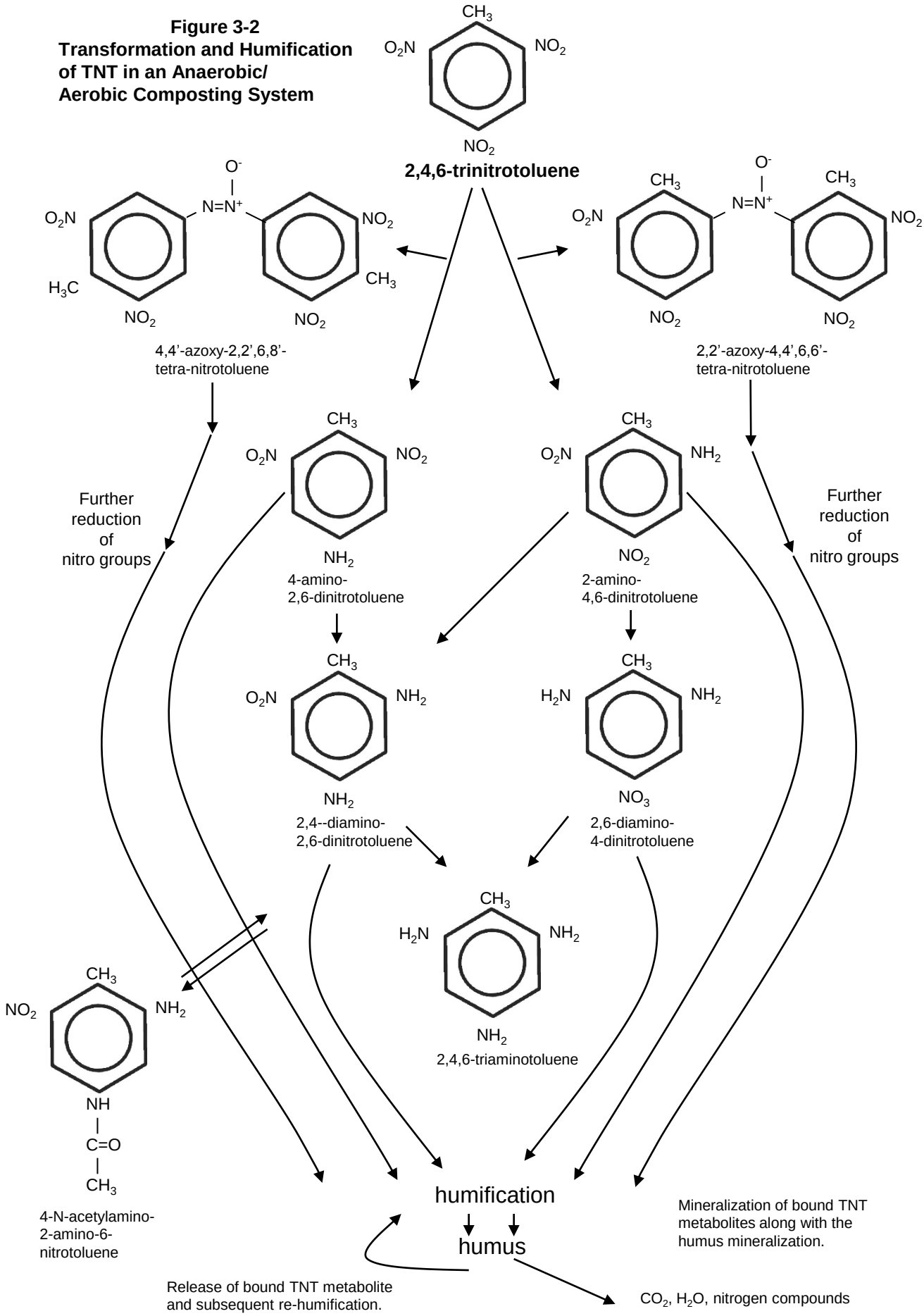
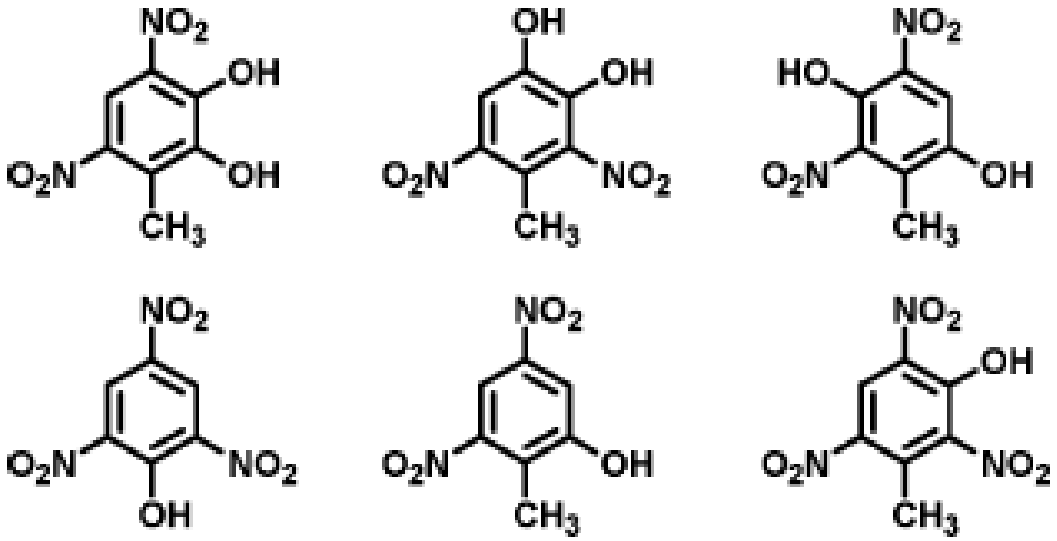


Figure 3-3

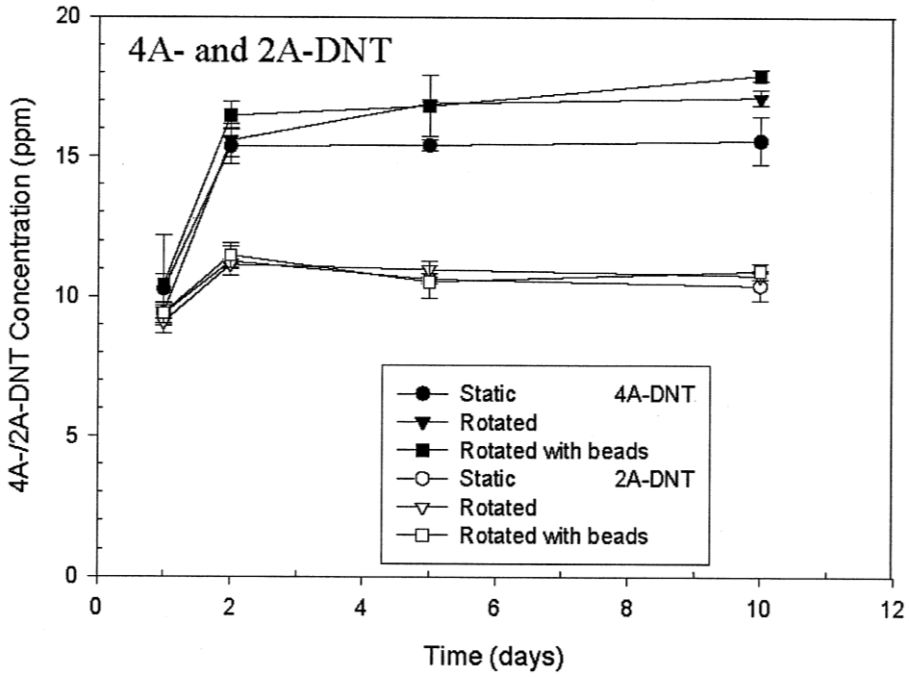
Structures from the Initial Attack of Hydroxide Ion on Trinitrotoluene



Reference: Thorn, K., P. Thorne, L. Cox, 2004, "Alkaline Hydrolysis/Polymerization of 2,4,6-Trinitrotoluene: Characterization of Products by 13C and 15N NMR," ***Environmental Science and Technology***, 38(7), 2224-2231.

Figure 3-4

Effect of Mixing Regime on Aminodinitrotoluene Concentrations in Trinitrotoluene-Contaminated Soil Treated with Lime



(Initial concentration of ADNT in soil not reported)

Reference: Hansen, L., S. Larson, J. Davis, J. Cullinane, C. Nestler, and R. Felt, 2003, ***Lime Treatment of 2,4,6-Trinitrotoluene Contaminated Soils: Proof of Concept Study***, ERDC/EL TR-03-15, U.S. Army Engineer Research and Development Center, Vicksburg, Mississippi, September.

APPENDIX A

ANALYTICAL DATA

(ELECTRONIC DELIVERABLE)

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	57-12-5	Cyanide, total	0.63	mg/kg	TRG	U	U	0.63	N	CYANIDE	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	12	mg/kg	TRG	GU	U	12	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	99-65-0	Dinitrobenzene, 1,3-	5	mg/kg	TRG	U	U	5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	121-14-2	Dinitrotoluene, 2,4-	5	mg/kg	TRG	U	U	5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	606-20-2	Dinitrotoluene, 2,6-	36	mg/kg	TRG	GU	U	36	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	2691-41-0	HMX	10	mg/kg	TRG	U	U	10	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	98-95-3	Nitrobenzene	5	mg/kg	TRG	U	U	5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	88-72-2	Nitrotoluene, 2-	5	mg/kg	TRG	U	U	5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	99-08-1	Nitrotoluene, 3-	5	mg/kg	TRG	U	U	5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	121-82-4	RDX	10	mg/kg	TRG	U	U	10	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	479-45-8	Tetryl	13	mg/kg	TRG	U	U	13	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	99-35-4	Trinitrobenzene, 1,3,5-	5	mg/kg	TRG	U	U	5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	118-96-7	Trinitrotoluene, 2,4,6-	48	mg/kg	TRG			5	Y	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7429-90-5	Aluminum	6780	mg/kg	TRG			25	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7440-36-0	Antimony	7.5	mg/kg	TRG	U	U	7.5	N	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7440-38-2	Arsenic	5.1	mg/kg	TRG			1.3	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7440-39-3	Barium	73.4	mg/kg	TRG			25	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7440-41-7	Beryllium	0.63	mg/kg	TRG	U	U	0.63	N	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7440-43-9	Cadmium	0.63	mg/kg	TRG	U	U	0.63	N	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7440-70-2	Calcium	6490	mg/kg	TRG			626	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7440-47-3	Chromium	11.8	mg/kg	TRG			1.3	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7440-48-4	Cobalt	6.3	mg/kg	TRG	U	U	6.3	N	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7440-50-8	Copper	23.1	mg/kg	TRG			3.1	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7439-89-6	Iron	15500	mg/kg	TRG			12.5	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7439-92-1	Lead	165	mg/kg	TRG			0.38	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7439-95-4	Magnesium	2300	mg/kg	TRG			626	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7439-96-5	Manganese	224	mg/kg	TRG		J	1.9	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7439-97-6	Mercury	0.078	mg/kg	TRG			0.041	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7440-02-0	Nickel	16.4	mg/kg	TRG			5	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7440-09-7	Potassium	626	mg/kg	TRG	U	U	626	N	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7782-49-2	Selenium	0.68	mg/kg	TRG			0.63	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7440-22-4	Silver	1.3	mg/kg	TRG	U	U	1.3	N	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7440-23-5	Sodium	626	mg/kg	TRG	U	U	626	N	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7440-28-0	Thallium	1.8	mg/kg	TRG			1.3	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7440-62-2	Vanadium	18.4	mg/kg	TRG			6.3	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7440-66-6	Zinc	80.9	mg/kg	TRG			2.5	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	10-00-4	% moisture	20.1	Percent	TRG			0	Y	MOISTURE	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	309-00-2	Aldrin	0.043	mg/kg	TRG	U	U	0.043	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	12674-11-2	Aroclor 1016	0.83	mg/kg	TRG	U	U	0.83	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	11104-28-2	Aroclor 1221	0.83	mg/kg	TRG	U	U	0.83	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	11141-16-5	Aroclor 1232	1.3	mg/kg	TRG	GU	U	1.3	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	53469-21-9	Aroclor 1242	0.83	mg/kg	TRG	U	U	0.83	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	12672-29-6	Aroclor 1248	0.83	mg/kg	TRG	U	U	0.83	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	11097-69-1	Aroclor 1254	3.9	mg/kg	TRG	GU	U	3.9	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	11096-82-5	Aroclor 1260	3.3	mg/kg	TRG			0.83	Y	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	319-84-6	BHC, alpha-	0.043	mg/kg	TRG	U	U	0.043	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	319-85-7	BHC, beta-	0.043	mg/kg	TRG	U	U	0.043	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	319-86-8	BHC, delta-	0.043	mg/kg	TRG	U	U	0.043	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	58-89-9	BHC, gamma-	0.043	mg/kg	TRG	U	U	0.043	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	5103-71-9	Chlordane, alpha-	0.043	mg/kg	TRG	U	U	0.043	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	5103-74-2	Chlordane, gamma-	0.043	mg/kg	TRG	U	U	0.043	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	72-54-8	DDD, 4,4'-	0.043	mg/kg	TRG	U	U	0.043	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	72-55-9	DDE, 4,4'-	0.043	mg/kg	TRG	U	U	0.043	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	50-29-3	DDT, 4,4'-	0.043	mg/kg	TRG	U	U	0.043	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	60-57-1	Dieldrin	0.043	mg/kg	TRG	U	U	0.043	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	959-98-8	Endosulfan I	0.043	mg/kg	TRG	U	U	0.043	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	33213-65-9	Endosulfan II	0.081	mg/kg	TRG	GU	U	0.081	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	1031-07-8	Endosulfan sulfate	0.043	mg/kg	TRG	U	U	0.043	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	72-20-8	Endrin	0.043	mg/kg	TRG	U	U	0.043	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7421-93-4	Endrin aldehyde	0.043	mg/kg	TRG	U	U	0.043	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	53494-70-5	Endrin ketone	0.043	mg/kg	TRG	U	U	0.043	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	76-44-8	Heptachlor	0.043	mg/kg	TRG	U	U	0.043	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	1024-57-3	Heptachlor epoxide	0.043	mg/kg	TRG	U	U	0.043	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	72-43-5	Methoxychlor	0.083	mg/kg	TRG	U	U	0.083	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	8001-35-2	Toxaphene	1.7	mg/kg	TRG	U	U	1.7	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	83-32-9	Acenaphthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	208-96-8	Acenaphthylene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	120-12-7	Anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	56-55-3	Benzo(a)anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	50-32-8	Benzo(a)pyrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	205-99-2	Benzo(b)fluoranthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	191-24-2	Benzo(ghi)perylene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	207-08-9	Benzo(k)fluoranthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	111-91-1	Bis(2-chloroethoxy)methane	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	111-44-4	Bis(2-chloroethyl)ether	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	85-68-7	Butyl benzyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	86-74-8	Carbazole	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	59-50-7	Chloro-3-methylphenol, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	106-47-8	Chloroaniline, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	91-58-7	Chloronaphthalene, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	95-57-8	Chlorophenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	218-01-9	Chrysene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	84-74-2	Di-n-butyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	117-84-0	Di-n-octyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	53-70-3	Dibenz(a,h)anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	132-64-9	Dibenzofuran	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	95-50-1	Dichlorobenzene, 1,2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	541-73-1	Dichlorobenzene, 1,3-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	106-46-7	Dichlorobenzene, 1,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	91-94-1	Dichlorobenzidine, 3,3'-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	120-83-2	Dichlorophenol, 2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	84-66-2	Diethyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	131-11-3	Dimethyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	105-67-9	Dimethylphenol, 2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	51-28-5	Dinitrophenol, 2,4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	121-14-2	Dinitrotoluene, 2,4-	1.7	mg/kg	TRG			0.41	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	606-20-2	Dinitrotoluene, 2,6-	0.81	mg/kg	TRG			0.41	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	206-44-0	Fluoranthene	0.056	mg/kg	TRG	J	J	0.41	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	86-73-7	Fluorene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	118-74-1	Hexachlorobenzene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	87-68-3	Hexachlorobutadiene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	77-47-4	Hexachlorocyclopentadiene	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	67-72-1	Hexachloroethane	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	78-59-1	Isophorone	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	91-57-6	Methylnaphthalene, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	95-48-7	Methylphenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	106-44-5	Methylphenol, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	91-20-3	Naphthalene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	88-74-4	Nitroaniline, 2-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	99-09-2	Nitroaniline, 3-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	100-01-6	Nitroaniline, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	98-95-3	Nitrobenzene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	88-75-5	Nitrophenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	100-02-7	Nitrophenol, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	87-86-5	Pentachlorophenol	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	85-01-8	Phenanthrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	108-95-2	Phenol	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	129-00-0	Pyrene	0.044	mg/kg	TRG	J	J	0.41	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	95-95-4	Trichlorophenol, 2,4,5-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	88-06-2	Trichlorophenol, 2,4,6-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	621-64-7	n-Nitroso-di-n-propylamine	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	86-30-6	n-Nitrosodiphenylamine	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	67-64-1	Acetone	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	71-43-2	Benzene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	75-27-4	Bromodichloromethane	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	75-25-2	Bromoform	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	74-83-9	Bromomethane	0.013	mg/kg	TRG	U	U	0.013	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	78-93-3	Butanone, 2-	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	75-15-0	Carbon disulfide	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	56-23-5	Carbon tetrachloride	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	108-90-7	Chlorobenzene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	75-00-3	Chloroethane	0.013	mg/kg	TRG	U	U	0.013	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	67-66-3	Chloroform	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	74-87-3	Chloromethane	0.013	mg/kg	TRG	U	U	0.013	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	124-48-1	Dibromochloromethane	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	75-34-3	Dichloroethane, 1,1-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	107-06-2	Dichloroethane, 1,2-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	75-35-4	Dichloroethene, 1,1-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	540-59-0	Dichloroethene, 1,2-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	78-87-5	Dichloropropane, 1,2-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	10061-01-5	Dichloropropene, cis-1,3-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	10061-02-6	Dichloropropene, trans-1,3-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	100-41-4	Ethylbenzene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	591-78-6	Hexanone, 2-	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	108-10-1	Methyl-2-pentanone, 4-	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	75-09-2	Methylene chloride	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	100-42-5	Styrene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	127-18-4	Tetrachloroethene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	108-88-3	Toluene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	71-55-6	Trichloroethane, 1,1,1-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	79-00-5	Trichloroethane, 1,1,2-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	79-01-6	Trichloroethene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	75-01-4	Vinyl chloride	0.013	mg/kg	TRG	U	U	0.013	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	0	0.5	1010	REG	1330-20-7	Xylenes, total	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	57-12-5	Cyanide, total	0.59	mg/kg	TRG	U	U	0.59	N	CYANIDE	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	3.9	mg/kg	TRG	GU	U	3.9	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	99-65-0	Dinitrobenzene, 1,3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	121-14-2	Dinitrotoluene, 2,4-	4.5	mg/kg	TRG			0.25	Y	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	606-20-2	Dinitrotoluene, 2,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	2691-41-0	HMX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	98-95-3	Nitrobenzene	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	88-72-2	Nitrotoluene, 2-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	99-08-1	Nitrotoluene, 3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	121-82-4	RDX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	479-45-8	Tetryl	0.65	mg/kg	TRG	U	U	0.65	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	118-96-7	Trinitrotoluene, 2,4,6-	3.6	mg/kg	TRG			0.25	Y	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7429-90-5	Aluminum	11200	mg/kg	TRG			23.7	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7440-36-0	Antimony	7.1	mg/kg	TRG	U	U	7.1	N	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7440-38-2	Arsenic	4.7	mg/kg	TRG			1.2	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7440-39-3	Barium	75	mg/kg	TRG			23.7	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7440-41-7	Beryllium	0.59	mg/kg	TRG	U	U	0.59	N	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7440-43-9	Cadmium	0.59	mg/kg	TRG	U	U	0.59	N	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7440-70-2	Calcium	3070	mg/kg	TRG			592	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7440-47-3	Chromium	14.7	mg/kg	TRG			1.2	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7440-48-4	Cobalt	8.1	mg/kg	TRG			5.9	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7440-50-8	Copper	11.7	mg/kg	TRG			3	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7439-89-6	Iron	18400	mg/kg	TRG			11.8	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7439-92-1	Lead	13.8	mg/kg	TRG			0.36	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7439-95-4	Magnesium	2790	mg/kg	TRG			592	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7439-96-5	Manganese	157	mg/kg	TRG		J	1.8	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7439-97-6	Mercury	0.039	mg/kg	TRG	U	U	0.039	N	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7440-02-0	Nickel	17.1	mg/kg	TRG			4.7	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7440-09-7	Potassium	928	mg/kg	TRG			592	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7782-49-2	Selenium	0.59	mg/kg	TRG	U	U	0.59	N	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7440-22-4	Silver	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7440-23-5	Sodium	592	mg/kg	TRG	U	U	592	N	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7440-28-0	Thallium	1.9	mg/kg	TRG			1.2	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7440-62-2	Vanadium	23.5	mg/kg	TRG			5.9	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7440-66-6	Zinc	61.3	mg/kg	TRG			2.4	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	10-00-4	% moisture	15.6	Percent	TRG			0	Y	MOISTURE	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	309-00-2	Aldrin	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	12674-11-2	Aroclor 1016	0.044	mg/kg	TRG	GU	U	0.044	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	11104-28-2	Aroclor 1221	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	11141-16-5	Aroclor 1232	0.11	mg/kg	TRG	GU	U	0.11	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	53469-21-9	Aroclor 1242	0.049	mg/kg	TRG	GU	U	0.049	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	12672-29-6	Aroclor 1248	0.049	mg/kg	TRG	GU	U	0.049	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	11097-69-1	Aroclor 1254	0.04	mg/kg	TRG	GU	U	0.04	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	11096-82-5	Aroclor 1260	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	319-84-6	BHC, alpha-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	319-85-7	BHC, beta-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	319-86-8	BHC, delta-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	58-89-9	BHC, gamma-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	5103-71-9	Chlordane, alpha-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	5103-74-2	Chlordane, gamma-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	72-54-8	DDD, 4,4'-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	72-55-9	DDE, 4,4'-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	50-29-3	DDT, 4,4'-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	60-57-1	Dieldrin	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	959-98-8	Endosulfan I	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	33213-65-9	Endosulfan II	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	1031-07-8	Endosulfan sulfate	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	72-20-8	Endrin	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7421-93-4	Endrin aldehyde	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	53494-70-5	Endrin ketone	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	76-44-8	Heptachlor	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	1024-57-3	Heptachlor epoxide	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	72-43-5	Methoxychlor	0.0039	mg/kg	TRG	U	U	0.0039	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	8001-35-2	Toxaphene	0.079	mg/kg	TRG	U	U	0.079	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	83-32-9	Acenaphthene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	208-96-8	Acenaphthylene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	120-12-7	Anthracene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	56-55-3	Benzo(a)anthracene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	50-32-8	Benzo(a)pyrene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	205-99-2	Benzo(b)fluoranthene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	191-24-2	Benzo(ghi)perylene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	207-08-9	Benzo(k)fluoranthene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	111-91-1	Bis(2-chloroethoxy)methane	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	111-44-4	Bis(2-chloroethyl)ether	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	85-68-7	Butyl benzyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	86-74-8	Carbazole	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	59-50-7	Chloro-3-methylphenol, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	106-47-8	Chloroaniline, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	91-58-7	Chloronaphthalene, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	95-57-8	Chlorophenol, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	218-01-9	Chrysene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	84-74-2	Di-n-butyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	117-84-0	Di-n-octyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	53-70-3	Dibenz(a,h)anthracene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	132-64-9	Dibenzofuran	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	95-50-1	Dichlorobenzene, 1,2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	541-73-1	Dichlorobenzene, 1,3-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	106-46-7	Dichlorobenzene, 1,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	91-94-1	Dichlorobenzidine, 3,3'-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	120-83-2	Dichlorophenol, 2,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	84-66-2	Diethyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	131-11-3	Dimethyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	105-67-9	Dimethylphenol, 2,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	51-28-5	Dinitrophenol, 2,4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	121-14-2	Dinitrotoluene, 2,4-	19	mg/kg	TRG			2.3	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	606-20-2	Dinitrotoluene, 2,6-	3.4	mg/kg	TRG			2.3	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	206-44-0	Fluoranthene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	86-73-7	Fluorene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	118-74-1	Hexachlorobenzene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	87-68-3	Hexachlorobutadiene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	77-47-4	Hexachlorocyclopentadiene	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	67-72-1	Hexachloroethane	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	78-59-1	Isophorone	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	91-57-6	Methylnaphthalene, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	95-48-7	Methylphenol, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	106-44-5	Methylphenol, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	91-20-3	Naphthalene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	88-74-4	Nitroaniline, 2-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	99-09-2	Nitroaniline, 3-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	100-01-6	Nitroaniline, 4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	98-95-3	Nitrobenzene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	88-75-5	Nitrophenol, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	100-02-7	Nitrophenol, 4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	87-86-5	Pentachlorophenol	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	85-01-8	Phenanthrene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	108-95-2	Phenol	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	129-00-0	Pyrene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	95-95-4	Trichlorophenol, 2,4,5-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	88-06-2	Trichlorophenol, 2,4,6-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	621-64-7	n-Nitroso-di-n-propylamine	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	86-30-6	n-Nitrosodiphenylamine	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	67-64-1	Acetone	0.3	mg/kg	TRG		J	0.024	Y	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	71-43-2	Benzene	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	75-27-4	Bromodichloromethane	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	75-25-2	Bromoform	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	74-83-9	Bromomethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	78-93-3	Butanone, 2-	0.054	mg/kg	TRG		J	0.024	Y	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	75-15-0	Carbon disulfide	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	56-23-5	Carbon tetrachloride	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	108-90-7	Chlorobenzene	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	75-00-3	Chloroethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	67-66-3	Chloroform	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	74-87-3	Chloromethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	124-48-1	Dibromochloromethane	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	75-34-3	Dichloroethane, 1,1-	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	107-06-2	Dichloroethane, 1,2-	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	75-35-4	Dichloroethene, 1,1-	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	540-59-0	Dichloroethene, 1,2-	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	78-87-5	Dichloropropane, 1,2-	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	10061-01-5	Dichloropropene, cis-1,3-	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	10061-02-6	Dichloropropene, trans-1,3-	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	100-41-4	Ethylbenzene	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	591-78-6	Hexanone, 2-	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	108-10-1	Methyl-2-pentanone, 4-	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	75-09-2	Methylene chloride	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	100-42-5	Styrene	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	127-18-4	Tetrachloroethene	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	108-88-3	Toluene	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	71-55-6	Trichloroethane, 1,1,1-	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	79-00-5	Trichloroethane, 1,1,2-	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	79-01-6	Trichloroethene	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	75-01-4	Vinyl chloride	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	2	3	1020	REG	1330-20-7	Xylenes, total	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	57-12-5	Cyanide, total	0.62	mg/kg	TRG	U	U	0.62	N	CYANIDE	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	1.8	mg/kg	TRG	GU	U	1.8	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	99-65-0	Dinitrobenzene, 1,3-	1.2	mg/kg	TRG	U	U	1.2	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	121-14-2	Dinitrotoluene, 2,4-	6.9	mg/kg	TRG			1.2	Y	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	606-20-2	Dinitrotoluene, 2,6-	1.2	mg/kg	TRG	U	U	1.2	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	2691-41-0	HMX	2.5	mg/kg	TRG	U	U	2.5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	98-95-3	Nitrobenzene	1.2	mg/kg	TRG	U	U	1.2	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	88-72-2	Nitrotoluene, 2-	1.2	mg/kg	TRG	U	U	1.2	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	99-08-1	Nitrotoluene, 3-	1.2	mg/kg	TRG	U	U	1.2	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	121-82-4	RDX	2.5	mg/kg	TRG	U	U	2.5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	479-45-8	Tetryl	3.2	mg/kg	TRG	U	U	3.2	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	99-35-4	Trinitrobenzene, 1,3,5-	1.2	mg/kg	TRG	U	U	1.2	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	118-96-7	Trinitrotoluene, 2,4,6-	9.6	mg/kg	TRG			1.2	Y	EXPLOSIVES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7429-90-5	Aluminum	11800	mg/kg	TRG			24.8	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7440-36-0	Antimony	7.4	mg/kg	TRG	U	U	7.4	N	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7440-38-2	Arsenic	11.7	mg/kg	TRG			1.2	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7440-39-3	Barium	86.9	mg/kg	TRG			24.8	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7440-41-7	Beryllium	0.65	mg/kg	TRG			0.62	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7440-43-9	Cadmium	0.62	mg/kg	TRG	U	U	0.62	N	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7440-70-2	Calcium	3900	mg/kg	TRG			620	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7440-47-3	Chromium	19.8	mg/kg	TRG			1.2	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7440-48-4	Cobalt	13.9	mg/kg	TRG			6.2	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7440-50-8	Copper	22	mg/kg	TRG			3.1	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7439-89-6	Iron	27500	mg/kg	TRG			12.4	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7439-92-1	Lead	21.4	mg/kg	TRG			0.37	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7439-95-4	Magnesium	3420	mg/kg	TRG			620	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7439-96-5	Manganese	417	mg/kg	TRG		J	1.9	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7439-97-6	Mercury	0.041	mg/kg	TRG	U	U	0.041	N	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7440-02-0	Nickel	29.1	mg/kg	TRG			5	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7440-09-7	Potassium	1740	mg/kg	TRG			620	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7782-49-2	Selenium	0.62	mg/kg	TRG	U	U	0.62	N	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7440-22-4	Silver	1.3	mg/kg	TRG			1.2	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7440-23-5	Sodium	620	mg/kg	TRG	U	U	620	N	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7440-28-0	Thallium	2.8	mg/kg	TRG			1.2	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7440-62-2	Vanadium	29.1	mg/kg	TRG			6.2	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7440-66-6	Zinc	63.1	mg/kg	TRG			2.5	Y	METALS	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	10-00-4	% moisture	19.3	Percent	TRG			0	Y	MOISTURE	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	309-00-2	Aldrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	12674-11-2	Aroclor 1016	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	11104-28-2	Aroclor 1221	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	11141-16-5	Aroclor 1232	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	53469-21-9	Aroclor 1242	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	12672-29-6	Aroclor 1248	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	11097-69-1	Aroclor 1254	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	11096-82-5	Aroclor 1260	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	319-84-6	BHC, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	319-85-7	BHC, beta-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	319-86-8	BHC, delta-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	58-89-9	BHC, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	5103-71-9	Chlordane, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	5103-74-2	Chlordane, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	72-54-8	DDD, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	72-55-9	DDE, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	50-29-3	DDT, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	60-57-1	Dieldrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	959-98-8	Endosulfan I	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	33213-65-9	Endosulfan II	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	1031-07-8	Endosulfan sulfate	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	72-20-8	Endrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7421-93-4	Endrin aldehyde	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	53494-70-5	Endrin ketone	0.0021	mg/kg	TRG	U	UJ	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	76-44-8	Heptachlor	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	1024-57-3	Heptachlor epoxide	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	72-43-5	Methoxychlor	0.0041	mg/kg	TRG	U	U	0.0041	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	8001-35-2	Toxaphene	0.083	mg/kg	TRG	U	U	0.083	N	PEST/PCB	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	83-32-9	Acenaphthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	208-96-8	Acenaphthylene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	120-12-7	Anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	56-55-3	Benzo(a)anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	50-32-8	Benzo(a)pyrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	205-99-2	Benzo(b)fluoranthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	191-24-2	Benzo(ghi)perylene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	207-08-9	Benzo(k)fluoranthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	111-91-1	Bis(2-chloroethoxy)methane	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	111-44-4	Bis(2-chloroethyl)ether	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	85-68-7	Butyl benzyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	86-74-8	Carbazole	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	59-50-7	Chloro-3-methylphenol, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	106-47-8	Chloroaniline, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	91-58-7	Chloronaphthalene, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	95-57-8	Chlorophenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	218-01-9	Chrysene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	84-74-2	Di-n-butyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	117-84-0	Di-n-octyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	53-70-3	Dibenz(a,h)anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	132-64-9	Dibenzofuran	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	95-50-1	Dichlorobenzene, 1,2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	541-73-1	Dichlorobenzene, 1,3-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	106-46-7	Dichlorobenzene, 1,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	91-94-1	Dichlorobenzidine, 3,3'-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	120-83-2	Dichlorophenol, 2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	84-66-2	Diethyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	131-11-3	Dimethyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	105-67-9	Dimethylphenol, 2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	51-28-5	Dinitrophenol, 2,4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	121-14-2	Dinitrotoluene, 2,4-	2.9	mg/kg	TRG			0.41	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	606-20-2	Dinitrotoluene, 2,6-	0.5	mg/kg	TRG			0.41	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	206-44-0	Fluoranthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	86-73-7	Fluorene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	118-74-1	Hexachlorobenzene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	87-68-3	Hexachlorobutadiene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	77-47-4	Hexachlorocyclopentadiene	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	67-72-1	Hexachloroethane	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	78-59-1	Isophorone	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	91-57-6	Methylnaphthalene, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	95-48-7	Methylphenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	106-44-5	Methylphenol, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	91-20-3	Naphthalene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	88-74-4	Nitroaniline, 2-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	99-09-2	Nitroaniline, 3-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	100-01-6	Nitroaniline, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	98-95-3	Nitrobenzene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	88-75-5	Nitrophenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	100-02-7	Nitrophenol, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	87-86-5	Pentachlorophenol	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	85-01-8	Phenanthrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	108-95-2	Phenol	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	129-00-0	Pyrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	95-95-4	Trichlorophenol, 2,4,5-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	88-06-2	Trichlorophenol, 2,4,6-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	621-64-7	n-Nitroso-di-n-propylamine	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	86-30-6	n-Nitrosodiphenylamine	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	67-64-1	Acetone	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	71-43-2	Benzene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	75-27-4	Bromodichloromethane	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	75-25-2	Bromoform	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	74-83-9	Bromomethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	78-93-3	Butanone, 2-	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	75-15-0	Carbon disulfide	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	56-23-5	Carbon tetrachloride	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	108-90-7	Chlorobenzene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	75-00-3	Chloroethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	67-66-3	Chloroform	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	74-87-3	Chloromethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	124-48-1	Dibromochloromethane	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	75-34-3	Dichloroethane, 1,1-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	107-06-2	Dichloroethane, 1,2-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	75-35-4	Dichloroethene, 1,1-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	540-59-0	Dichloroethene, 1,2-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	78-87-5	Dichloropropane, 1,2-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	10061-01-5	Dichloropropene, cis-1,3-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	10061-02-6	Dichloropropene, trans-1,3-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	100-41-4	Ethylbenzene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	591-78-6	Hexanone, 2-	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	108-10-1	Methyl-2-pentanone, 4-	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	75-09-2	Methylene chloride	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	100-42-5	Styrene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	127-18-4	Tetrachloroethene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	108-88-3	Toluene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	71-55-6	Trichloroethane, 1,1,1-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	79-00-5	Trichloroethane, 1,1,2-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	79-01-6	Trichloroethene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	75-01-4	Vinyl chloride	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
INSIDE_2BG	2BGS001	622219.115	1913176.535	639.87	SO	1-Oct-96	6	7	1030	REG	1330-20-7	Xylenes, total	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	57-12-5	Cyanide, total	0.61	mg/kg	TRG	U	U	0.61	N	CYANIDE	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	86	mg/kg	TRG	GU	U	86	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	99-65-0	Dinitrobenzene, 1,3-	12	mg/kg	TRG	U	U	12	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	121-14-2	Dinitrotoluene, 2,4-	35	mg/kg	TRG			12	Y	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	606-20-2	Dinitrotoluene, 2,6-	12	mg/kg	TRG	U	U	12	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	2691-41-0	HMX	25	mg/kg	TRG	U	U	25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	98-95-3	Nitrobenzene	12	mg/kg	TRG	U	U	12	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	88-72-2	Nitrotoluene, 2-	12	mg/kg	TRG	U	U	12	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	99-08-1	Nitrotoluene, 3-	12	mg/kg	TRG	U	U	12	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	121-82-4	RDX	25	mg/kg	TRG	U	U	25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	479-45-8	Tetryl	32	mg/kg	TRG	U	U	32	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	99-35-4	Trinitrobenzene, 1,3,5-	12	mg/kg	TRG	U	U	12	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	118-96-7	Trinitrotoluene, 2,4,6-	140	mg/kg	TRG			12	Y	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7429-90-5	Aluminum	9200	mg/kg	TRG			24.4	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7440-36-0	Antimony	7.3	mg/kg	TRG	U	U	7.3	N	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7440-38-2	Arsenic	9.5	mg/kg	TRG			1.2	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7440-39-3	Barium	170	mg/kg	TRG			24.4	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7440-41-7	Beryllium	0.65	mg/kg	TRG			0.61	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7440-43-9	Cadmium	0.61	mg/kg	TRG	U	U	0.61	N	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7440-70-2	Calcium	16600	mg/kg	TRG			610	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7440-47-3	Chromium	20.1	mg/kg	TRG			1.2	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7440-48-4	Cobalt	9.2	mg/kg	TRG			6.1	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7440-50-8	Copper	60	mg/kg	TRG			3	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7439-89-6	Iron	19900	mg/kg	TRG			12.2	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7439-92-1	Lead	1000	mg/kg	TRG			0.37	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7439-95-4	Magnesium	5900	mg/kg	TRG			610	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7439-96-5	Manganese	191	mg/kg	TRG		J	1.8	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7439-97-6	Mercury	0.18	mg/kg	TRG			0.04	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7440-02-0	Nickel	38.5	mg/kg	TRG			4.9	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7440-09-7	Potassium	1270	mg/kg	TRG			610	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7782-49-2	Selenium	1	mg/kg	TRG			0.61	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7440-22-4	Silver	1.2	mg/kg	TRG			1.2	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7440-23-5	Sodium	610	mg/kg	TRG	U	U	610	N	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7440-28-0	Thallium	2.1	mg/kg	TRG			1.2	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7440-62-2	Vanadium	27.2	mg/kg	TRG			6.1	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7440-66-6	Zinc	267	mg/kg	TRG			2.4	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	10-00-4	% moisture	18	Percent	TRG			0	Y	MOISTURE	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	309-00-2	Aldrin	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	12674-11-2	Aroclor 1016	0.4	mg/kg	TRG	U	U	0.4	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	11104-28-2	Aroclor 1221	0.4	mg/kg	TRG	U	U	0.4	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	11141-16-5	Aroclor 1232	0.59	mg/kg	TRG	GU	U	0.59	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	53469-21-9	Aroclor 1242	0.4	mg/kg	TRG	U	U	0.4	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	12672-29-6	Aroclor 1248	0.4	mg/kg	TRG	U	U	0.4	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	11097-69-1	Aroclor 1254	2	mg/kg	TRG	GU	U	2	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	11096-82-5	Aroclor 1260	1.7	mg/kg	TRG			0.4	Y	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	319-84-6	BHC, alpha-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	319-85-7	BHC, beta-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	319-86-8	BHC, delta-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	58-89-9	BHC, gamma-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	5103-71-9	Chlordane, alpha-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	5103-74-2	Chlordane, gamma-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	72-54-8	DDD, 4,4'-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	72-55-9	DDE, 4,4'-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	50-29-3	DDT, 4,4'-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	60-57-1	Dieldrin	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	959-98-8	Endosulfan I	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	33213-65-9	Endosulfan II	0.041	mg/kg	TRG	GU	U	0.041	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	1031-07-8	Endosulfan sulfate	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	72-20-8	Endrin	0.021	mg/kg	TRG	GU	U	0.021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7421-93-4	Endrin aldehyde	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	53494-70-5	Endrin ketone	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	76-44-8	Heptachlor	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	1024-57-3	Heptachlor epoxide	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	72-43-5	Methoxychlor	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	8001-35-2	Toxaphene	0.82	mg/kg	TRG	U	U	0.82	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	83-32-9	Acenaphthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	208-96-8	Acenaphthylene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	120-12-7	Anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	56-55-3	Benzo(a)anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	50-32-8	Benzo(a)pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	205-99-2	Benzo(b)fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	191-24-2	Benzo(ghi)perylene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	207-08-9	Benzo(k)fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	111-91-1	Bis(2-chloroethoxy)methane	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	111-44-4	Bis(2-chloroethyl)ether	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	85-68-7	Butyl benzyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	86-74-8	Carbazole	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	59-50-7	Chloro-3-methylphenol, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	106-47-8	Chloroaniline, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	91-58-7	Chloronaphthalene, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	95-57-8	Chlorophenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	218-01-9	Chrysene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	84-74-2	Di-n-butyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	117-84-0	Di-n-octyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	53-70-3	Dibenz(a,h)anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	132-64-9	Dibenzofuran	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	95-50-1	Dichlorobenzene, 1,2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	541-73-1	Dichlorobenzene, 1,3-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	106-46-7	Dichlorobenzene, 1,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	91-94-1	Dichlorobenzidine, 3,3'-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	120-83-2	Dichlorophenol, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	84-66-2	Diethyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	131-11-3	Dimethyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	105-67-9	Dimethylphenol, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	51-28-5	Dinitrophenol, 2,4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	121-14-2	Dinitrotoluene, 2,4-	1	mg/kg	TRG			0.4	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	606-20-2	Dinitrotoluene, 2,6-	0.29	mg/kg	TRG	J	J	0.4	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	206-44-0	Fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	86-73-7	Fluorene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	118-74-1	Hexachlorobenzene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	87-68-3	Hexachlorobutadiene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	77-47-4	Hexachlorocyclopentadiene	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	67-72-1	Hexachloroethane	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	78-59-1	Isophorone	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	91-57-6	Methylnaphthalene, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	95-48-7	Methylphenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	106-44-5	Methylphenol, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	91-20-3	Naphthalene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	88-74-4	Nitroaniline, 2-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	99-09-2	Nitroaniline, 3-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	100-01-6	Nitroaniline, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	98-95-3	Nitrobenzene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	88-75-5	Nitrophenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	100-02-7	Nitrophenol, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	87-86-5	Pentachlorophenol	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	85-01-8	Phenanthrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	108-95-2	Phenol	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	129-00-0	Pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	95-95-4	Trichlorophenol, 2,4,5-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	88-06-2	Trichlorophenol, 2,4,6-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	621-64-7	n-Nitroso-di-n-propylamine	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	86-30-6	n-Nitrosodiphenylamine	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	67-64-1	Acetone	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	71-43-2	Benzene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	75-27-4	Bromodichloromethane	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	75-25-2	Bromoform	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	74-83-9	Bromomethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	78-93-3	Butanone, 2-	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	75-15-0	Carbon disulfide	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	56-23-5	Carbon tetrachloride	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	108-90-7	Chlorobenzene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	75-00-3	Chloroethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	67-66-3	Chloroform	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	74-87-3	Chloromethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	124-48-1	Dibromochloromethane	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	75-34-3	Dichloroethane, 1,1-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	107-06-2	Dichloroethane, 1,2-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	75-35-4	Dichloroethene, 1,1-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	540-59-0	Dichloroethene, 1,2-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	78-87-5	Dichloropropane, 1,2-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	10061-01-5	Dichloropropene, cis-1,3-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	10061-02-6	Dichloropropene, trans-1,3-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	100-41-4	Ethylbenzene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	591-78-6	Hexanone, 2-	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	108-10-1	Methyl-2-pentanone, 4-	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	75-09-2	Methylene chloride	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	100-42-5	Styrene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	127-18-4	Tetrachloroethene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	108-88-3	Toluene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	71-55-6	Trichloroethane, 1,1,1-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	79-00-5	Trichloroethane, 1,1,2-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	79-01-6	Trichloroethene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	75-01-4	Vinyl chloride	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1040	REG	1330-20-7	Xylenes, total	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	57-12-5	Cyanide, total	0.64	mg/kg	TRG	U	U	0.64	N	CYANIDE	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	19406-51-0	Amino-2,6-dinitrotoluene, 4-	11	mg/kg	TRG	GU	U	11	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	99-65-0	Dinitrobenzene, 1,3-	1.2	mg/kg	TRG	U	U	1.2	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	121-14-2	Dinitrotoluene, 2,4-	2.5	mg/kg	TRG			1.2	Y	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	606-20-2	Dinitrotoluene, 2,6-	1.2	mg/kg	TRG	U	U	1.2	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	2691-41-0	HMX	2.5	mg/kg	TRG	U	U	2.5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	98-95-3	Nitrobenzene	1.2	mg/kg	TRG	U	U	1.2	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	88-72-2	Nitrotoluene, 2-	1.2	mg/kg	TRG	U	U	1.2	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	99-08-1	Nitrotoluene, 3-	1.2	mg/kg	TRG	U	U	1.2	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	121-82-4	RDX	2.5	mg/kg	TRG	U	U	2.5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	479-45-8	Tetryl	3.2	mg/kg	TRG	U	U	3.2	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	99-35-4	Trinitrobenzene, 1,3,5-	1.2	mg/kg	TRG	U	U	1.2	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	118-96-7	Trinitrotoluene, 2,4,6-	9.5	mg/kg	TRG			1.2	Y	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7429-90-5	Aluminum	8600	mg/kg	TRG			25.4	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7440-36-0	Antimony	7.6	mg/kg	TRG	U	U	7.6	N	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7440-38-2	Arsenic	8.7	mg/kg	TRG			1.3	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7440-39-3	Barium	158	mg/kg	TRG			25.4	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7440-41-7	Beryllium	0.68	mg/kg	TRG			0.64	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7440-43-9	Cadmium	0.64	mg/kg	TRG	U	U	0.64	N	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7440-70-2	Calcium	9810	mg/kg	TRG			635	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7440-47-3	Chromium	18.2	mg/kg	TRG			1.3	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7440-48-4	Cobalt	10.1	mg/kg	TRG			6.4	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7440-50-8	Copper	138	mg/kg	TRG			3.2	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7439-89-6	Iron	19100	mg/kg	TRG			12.7	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7439-92-1	Lead	555	mg/kg	TRG			0.38	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7439-95-4	Magnesium	4720	mg/kg	TRG			635	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7439-96-5	Manganese	174	mg/kg	TRG		J	1.9	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7439-97-6	Mercury	0.23	mg/kg	TRG			0.042	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7440-02-0	Nickel	42.1	mg/kg	TRG			5.1	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7440-09-7	Potassium	1360	mg/kg	TRG			635	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7782-49-2	Selenium	0.71	mg/kg	TRG			0.64	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7440-22-4	Silver	1.3	mg/kg	TRG	U	U	1.3	N	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7440-23-5	Sodium	635	mg/kg	TRG	U	U	635	N	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7440-28-0	Thallium	1.8	mg/kg	TRG			1.3	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7440-62-2	Vanadium	24.1	mg/kg	TRG			6.4	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7440-66-6	Zinc	246	mg/kg	TRG			2.5	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	10-00-4	% moisture	21.3	Percent	TRG			0	Y	MOISTURE	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	309-00-2	Aldrin	0.022	mg/kg	TRG	U	U	0.022	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	12674-11-2	Aroclor 1016	0.42	mg/kg	TRG	U	U	0.42	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	11104-28-2	Aroclor 1221	0.42	mg/kg	TRG	U	U	0.42	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	11141-16-5	Aroclor 1232	0.45	mg/kg	TRG	GU	U	0.45	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	53469-21-9	Aroclor 1242	0.42	mg/kg	TRG	U	U	0.42	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	12672-29-6	Aroclor 1248	0.42	mg/kg	TRG	U	U	0.42	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	11097-69-1	Aroclor 1254	2.5	mg/kg	TRG	GU	U	2.5	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	11096-82-5	Aroclor 1260	2.2	mg/kg	TRG			0.42	Y	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	319-84-6	BHC, alpha-	0.022	mg/kg	TRG	U	U	0.022	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	319-85-7	BHC, beta-	0.022	mg/kg	TRG	U	U	0.022	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	319-86-8	BHC, delta-	0.026	mg/kg	TRG	GU	U	0.026	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	58-89-9	BHC, gamma-	0.022	mg/kg	TRG	U	U	0.022	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	5103-71-9	Chlordane, alpha-	0.022	mg/kg	TRG	U	U	0.022	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	5103-74-2	Chlordane, gamma-	0.022	mg/kg	TRG	U	U	0.022	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	72-54-8	DDD, 4,4'-	0.022	mg/kg	TRG	U	U	0.022	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	72-55-9	DDE, 4,4'-	0.022	mg/kg	TRG	U	U	0.022	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	50-29-3	DDT, 4,4'-	0.022	mg/kg	TRG	U	U	0.022	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	60-57-1	Dieldrin	0.022	mg/kg	TRG	U	U	0.022	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	959-98-8	Endosulfan I	0.022	mg/kg	TRG	U	U	0.022	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	33213-65-9	Endosulfan II	0.05	mg/kg	TRG	GU	U	0.05	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	1031-07-8	Endosulfan sulfate	0.022	mg/kg	TRG	U	U	0.022	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	72-20-8	Endrin	0.022	mg/kg	TRG	U	U	0.022	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7421-93-4	Endrin aldehyde	0.022	mg/kg	TRG	U	U	0.022	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	53494-70-5	Endrin ketone	0.022	mg/kg	TRG	U	U	0.022	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	76-44-8	Heptachlor	0.022	mg/kg	TRG	U	U	0.022	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	1024-57-3	Heptachlor epoxide	0.022	mg/kg	TRG	U	U	0.022	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	72-43-5	Methoxychlor	0.042	mg/kg	TRG	U	U	0.042	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	8001-35-2	Toxaphene	0.85	mg/kg	TRG	U	U	0.85	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	83-32-9	Acenaphthene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	208-96-8	Acenaphthylene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	120-12-7	Anthracene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	56-55-3	Benzo(a)anthracene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	50-32-8	Benzo(a)pyrene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	205-99-2	Benzo(b)fluoranthene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	191-24-2	Benzo(ghi)perylene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	207-08-9	Benzo(k)fluoranthene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	111-91-1	Bis(2-chloroethoxy)methane	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	111-44-4	Bis(2-chloroethyl)ether	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	108-60-1	Bis(2-chloroisopropyl)ether	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	117-81-7	Bis(2-ethylhexyl)phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	101-55-3	Bromophenyl phenyl ether, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	85-68-7	Butyl benzyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	86-74-8	Carbazole	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	59-50-7	Chloro-3-methylphenol, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	106-47-8	Chloroaniline, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	91-58-7	Chloronaphthalene, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	95-57-8	Chlorophenol, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	7005-72-3	Chlorophenyl phenyl ether, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	218-01-9	Chrysene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	84-74-2	Di-n-butyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	117-84-0	Di-n-octyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	53-70-3	Dibenz(a,h)anthracene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	132-64-9	Dibenzofuran	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	95-50-1	Dichlorobenzene, 1,2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	541-73-1	Dichlorobenzene, 1,3-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	106-46-7	Dichlorobenzene, 1,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	91-94-1	Dichlorobenzidine, 3,3'-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	120-83-2	Dichlorophenol, 2,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	84-66-2	Diethyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	131-11-3	Dimethyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	105-67-9	Dimethylphenol, 2,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	534-52-1	Dinitro-2-methylphenol, 4,6-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	51-28-5	Dinitrophenol, 2,4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	121-14-2	Dinitrotoluene, 2,4-	0.87	mg/kg	TRG			0.42	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	606-20-2	Dinitrotoluene, 2,6-	0.3	mg/kg	TRG	J	J	0.42	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	206-44-0	Fluoranthene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	86-73-7	Fluorene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	118-74-1	Hexachlorobenzene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	87-68-3	Hexachlorobutadiene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	77-47-4	Hexachlorocyclopentadiene	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	67-72-1	Hexachloroethane	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	193-39-5	Indeno(1,2,3-cd)pyrene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	78-59-1	Isophorone	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	91-57-6	Methylnaphthalene, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	95-48-7	Methylphenol, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	106-44-5	Methylphenol, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	91-20-3	Naphthalene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	88-74-4	Nitroaniline, 2-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	99-09-2	Nitroaniline, 3-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	100-01-6	Nitroaniline, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	98-95-3	Nitrobenzene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	88-75-5	Nitrophenol, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	100-02-7	Nitrophenol, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	87-86-5	Pentachlorophenol	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	85-01-8	Phenanthrene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	108-95-2	Phenol	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	129-00-0	Pyrene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	120-82-1	Trichlorobenzene, 1,2,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	95-95-4	Trichlorophenol, 2,4,5-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	88-06-2	Trichlorophenol, 2,4,6-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	621-64-7	n-Nitroso-di-n-propylamine	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	86-30-6	n-Nitrosodiphenylamine	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	67-64-1	Acetone	0.13	mg/kg	TRG	U	U	0.13	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	71-43-2	Benzene	0.012	mg/kg	TRG	J	J	0.032	Y	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	75-27-4	Bromodichloromethane	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	75-25-2	Bromoform	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	74-83-9	Bromomethane	0.064	mg/kg	TRG	U	U	0.064	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	78-93-3	Butanone, 2-	0.13	mg/kg	TRG	U	U	0.13	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	75-15-0	Carbon disulfide	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	56-23-5	Carbon tetrachloride	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	108-90-7	Chlorobenzene	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	75-00-3	Chloroethane	0.064	mg/kg	TRG	U	U	0.064	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	67-66-3	Chloroform	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	74-87-3	Chloromethane	0.064	mg/kg	TRG	U	U	0.064	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	124-48-1	Dibromochloromethane	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	75-34-3	Dichloroethane, 1,1-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	107-06-2	Dichloroethane, 1,2-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	75-35-4	Dichloroethene, 1,1-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	540-59-0	Dichloroethene, 1,2-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	78-87-5	Dichloropropane, 1,2-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	10061-01-5	Dichloropropene, cis-1,3-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	10061-02-6	Dichloropropene, trans-1,3-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	100-41-4	Ethylbenzene	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	591-78-6	Hexanone, 2-	0.13	mg/kg	TRG	U	U	0.13	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	108-10-1	Methyl-2-pentanone, 4-	0.13	mg/kg	TRG	U	U	0.13	N	VOLATILES	Y

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	75-09-2	Methylene chloride	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	100-42-5	Styrene	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	79-34-5	Tetrachloroethane, 1,1,2,2-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	127-18-4	Tetrachloroethene	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	108-88-3	Toluene	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	71-55-6	Trichloroethane, 1,1,1-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	79-00-5	Trichloroethane, 1,1,2-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	79-01-6	Trichloroethene	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	75-01-4	Vinyl chloride	0.064	mg/kg	TRG	U	U	0.064	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	0	0.5	1041	FD	1330-20-7	Xylenes, total	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	57-12-5	Cyanide, total	0.61	mg/kg	TRG	U	U	0.61	N	CYANIDE	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	99-65-0	Dinitrobenzene, 1,3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	121-14-2	Dinitrotoluene, 2,4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	606-20-2	Dinitrotoluene, 2,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	2691-41-0	HMX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	98-95-3	Nitrobenzene	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	88-72-2	Nitrotoluene, 2-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	99-08-1	Nitrotoluene, 3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	121-82-4	RDX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	479-45-8	Tetryl	0.65	mg/kg	TRG	U	U	0.65	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7429-90-5	Aluminum	14900	mg/kg	TRG			24.4	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7440-36-0	Antimony	7.3	mg/kg	TRG	U	U	7.3	N	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7440-38-2	Arsenic	9.7	mg/kg	TRG			1.2	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7440-39-3	Barium	111	mg/kg	TRG			24.4	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7440-41-7	Beryllium	0.69	mg/kg	TRG			0.61	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7440-43-9	Cadmium	0.61	mg/kg	TRG	U	U	0.61	N	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7440-70-2	Calcium	4100	mg/kg	TRG			611	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7440-47-3	Chromium	18.5	mg/kg	TRG			1.2	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7440-48-4	Cobalt	13.5	mg/kg	TRG			6.1	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7440-50-8	Copper	18.2	mg/kg	TRG			3.1	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7439-89-6	Iron	26400	mg/kg	TRG			12.2	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7439-92-1	Lead	16.2	mg/kg	TRG			0.37	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7439-95-4	Magnesium	3620	mg/kg	TRG			611	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7439-96-5	Manganese	1000	mg/kg	TRG		J	1.8	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7439-97-6	Mercury	0.04	mg/kg	TRG	U	U	0.04	N	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7440-02-0	Nickel	23.7	mg/kg	TRG			4.9	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7440-09-7	Potassium	1570	mg/kg	TRG			611	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7782-49-2	Selenium	0.62	mg/kg	TRG			0.61	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7440-22-4	Silver	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7440-23-5	Sodium	611	mg/kg	TRG	U	U	611	N	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7440-28-0	Thallium	1.8	mg/kg	TRG			1.2	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7440-62-2	Vanadium	29.2	mg/kg	TRG			6.1	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7440-66-6	Zinc	83.1	mg/kg	TRG			2.4	Y	METALS	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	10-00-4	% moisture	18.1	Percent	TRG			0	Y	MOISTURE	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	309-00-2	Aldrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	12674-11-2	Aroclor 1016	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	11104-28-2	Aroclor 1221	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	11141-16-5	Aroclor 1232	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	53469-21-9	Aroclor 1242	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	12672-29-6	Aroclor 1248	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	11097-69-1	Aroclor 1254	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	11096-82-5	Aroclor 1260	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	319-84-6	BHC, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	319-85-7	BHC, beta-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	319-86-8	BHC, delta-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	58-89-9	BHC, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	5103-71-9	Chlordane, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	5103-74-2	Chlordane, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	72-54-8	DDD, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	72-55-9	DDE, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	50-29-3	DDT, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	60-57-1	Dieldrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	959-98-8	Endosulfan I	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	33213-65-9	Endosulfan II	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	1031-07-8	Endosulfan sulfate	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	72-20-8	Endrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7421-93-4	Endrin aldehyde	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	53494-70-5	Endrin ketone	0.0021	mg/kg	TRG	U	UJ	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	76-44-8	Heptachlor	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	1024-57-3	Heptachlor epoxide	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	72-43-5	Methoxychlor	0.004	mg/kg	TRG	U	U	0.004	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	8001-35-2	Toxaphene	0.082	mg/kg	TRG	U	U	0.082	N	PEST/PCB	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	83-32-9	Acenaphthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	208-96-8	Acenaphthylene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	120-12-7	Anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	56-55-3	Benzo(a)anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	50-32-8	Benzo(a)pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	205-99-2	Benzo(b)fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	191-24-2	Benzo(ghi)perylene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	207-08-9	Benzo(k)fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	111-91-1	Bis(2-chloroethoxy)methane	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	111-44-4	Bis(2-chloroethyl)ether	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	85-68-7	Butyl benzyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	86-74-8	Carbazole	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	59-50-7	Chloro-3-methylphenol, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	106-47-8	Chloroaniline, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	91-58-7	Chloronaphthalene, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	95-57-8	Chlorophenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	218-01-9	Chrysene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	84-74-2	Di-n-butyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	117-84-0	Di-n-octyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	53-70-3	Dibenz(a,h)anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	132-64-9	Dibenzofuran	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	95-50-1	Dichlorobenzene, 1,2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	541-73-1	Dichlorobenzene, 1,3-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	106-46-7	Dichlorobenzene, 1,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	91-94-1	Dichlorobenzidine, 3,3'-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	120-83-2	Dichlorophenol, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	84-66-2	Diethyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	131-11-3	Dimethyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	105-67-9	Dimethylphenol, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	51-28-5	Dinitrophenol, 2,4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	121-14-2	Dinitrotoluene, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	606-20-2	Dinitrotoluene, 2,6-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	206-44-0	Fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	86-73-7	Fluorene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	118-74-1	Hexachlorobenzene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	87-68-3	Hexachlorobutadiene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	77-47-4	Hexachlorocyclopentadiene	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	67-72-1	Hexachloroethane	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	78-59-1	Isophorone	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	91-57-6	Methylnaphthalene, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	95-48-7	Methylphenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	106-44-5	Methylphenol, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	91-20-3	Naphthalene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	88-74-4	Nitroaniline, 2-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	99-09-2	Nitroaniline, 3-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	100-01-6	Nitroaniline, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	98-95-3	Nitrobenzene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	88-75-5	Nitrophenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	100-02-7	Nitrophenol, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	87-86-5	Pentachlorophenol	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	85-01-8	Phenanthrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	108-95-2	Phenol	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	129-00-0	Pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	95-95-4	Trichlorophenol, 2,4,5-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	88-06-2	Trichlorophenol, 2,4,6-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	621-64-7	n-Nitroso-di-n-propylamine	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	86-30-6	n-Nitrosodiphenylamine	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	67-64-1	Acetone	0.2	mg/kg	TRG		J	0.12	Y	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	71-43-2	Benzene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	75-27-4	Bromodichloromethane	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	75-25-2	Bromoform	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	74-83-9	Bromomethane	0.061	mg/kg	TRG	U	U	0.061	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	78-93-3	Butanone, 2-	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	75-15-0	Carbon disulfide	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	56-23-5	Carbon tetrachloride	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	108-90-7	Chlorobenzene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	75-00-3	Chloroethane	0.061	mg/kg	TRG	U	U	0.061	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	67-66-3	Chloroform	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	74-87-3	Chloromethane	0.061	mg/kg	TRG	U	U	0.061	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	124-48-1	Dibromochloromethane	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	75-34-3	Dichloroethane, 1,1-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	107-06-2	Dichloroethane, 1,2-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	75-35-4	Dichloroethene, 1,1-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	540-59-0	Dichloroethene, 1,2-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	78-87-5	Dichloropropane, 1,2-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	10061-01-5	Dichloropropene, cis-1,3-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	10061-02-6	Dichloropropene, trans-1,3-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	100-41-4	Ethylbenzene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	591-78-6	Hexanone, 2-	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	108-10-1	Methyl-2-pentanone, 4-	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	75-09-2	Methylene chloride	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	100-42-5	Styrene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	127-18-4	Tetrachloroethene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	108-88-3	Toluene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	71-55-6	Trichloroethane, 1,1,1-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	79-00-5	Trichloroethane, 1,1,2-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	79-01-6	Trichloroethene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	75-01-4	Vinyl chloride	0.061	mg/kg	TRG	U	U	0.061	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	2	3	1050	REG	1330-20-7	Xylenes, total	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	57-12-5	Cyanide, total	0.62	mg/kg	TRG	U	U	0.62	N	CYANIDE	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.33	mg/kg	TRG	GU	U	0.33	N	EXPLOSIVES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	99-65-0	Dinitrobenzene, 1,3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	121-14-2	Dinitrotoluene, 2,4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	606-20-2	Dinitrotoluene, 2,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	2691-41-0	HMX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	98-95-3	Nitrobenzene	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	88-72-2	Nitrotoluene, 2-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	99-08-1	Nitrotoluene, 3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	121-82-4	RDX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	479-45-8	Tetryl	0.65	mg/kg	TRG	U	U	0.65	N	EXPLOSIVES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.8	mg/kg	TRG			0.25	Y	EXPLOSIVES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7429-90-5	Aluminum	16100	mg/kg	TRG			24.7	Y	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7440-36-0	Antimony	7.4	mg/kg	TRG	U	U	7.4	N	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7440-38-2	Arsenic	13.3	mg/kg	TRG			1.2	Y	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7440-39-3	Barium	84.4	mg/kg	TRG			24.7	Y	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7440-41-7	Beryllium	0.78	mg/kg	TRG			0.62	Y	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7440-43-9	Cadmium	0.62	mg/kg	TRG	U	U	0.62	N	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7440-70-2	Calcium	3860	mg/kg	TRG			618	Y	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7440-47-3	Chromium	22.6	mg/kg	TRG			1.2	Y	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7440-48-4	Cobalt	14.2	mg/kg	TRG			6.2	Y	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7440-50-8	Copper	31.1	mg/kg	TRG			3.1	Y	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7439-89-6	Iron	35900	mg/kg	TRG			12.4	Y	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7439-92-1	Lead	13.3	mg/kg	TRG			0.37	Y	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7439-95-4	Magnesium	5690	mg/kg	TRG			618	Y	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7439-96-5	Manganese	580	mg/kg	TRG		J	1.9	Y	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7439-97-6	Mercury	0.041	mg/kg	TRG	U	U	0.041	N	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7440-02-0	Nickel	43	mg/kg	TRG			4.9	Y	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7440-09-7	Potassium	2130	mg/kg	TRG			618	Y	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7782-49-2	Selenium	0.63	mg/kg	TRG			0.62	Y	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7440-22-4	Silver	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7440-23-5	Sodium	618	mg/kg	TRG	U	U	618	N	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7440-28-0	Thallium	2.7	mg/kg	TRG			1.2	Y	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7440-62-2	Vanadium	28.1	mg/kg	TRG			6.2	Y	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7440-66-6	Zinc	84.1	mg/kg	TRG			2.5	Y	METALS	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	10-00-4	% moisture	19.1	Percent	TRG			0	Y	MOISTURE	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	309-00-2	Aldrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	12674-11-2	Aroclor 1016	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	11104-28-2	Aroclor 1221	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	11141-16-5	Aroclor 1232	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	53469-21-9	Aroclor 1242	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	12672-29-6	Aroclor 1248	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	11097-69-1	Aroclor 1254	0.065	mg/kg	TRG	GU	U	0.065	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	11096-82-5	Aroclor 1260	0.06	mg/kg	TRG			0.041	Y	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	319-84-6	BHC, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	319-85-7	BHC, beta-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	319-86-8	BHC, delta-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	58-89-9	BHC, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	5103-71-9	Chlordane, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	5103-74-2	Chlordane, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	72-54-8	DDD, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	72-55-9	DDE, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	50-29-3	DDT, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	60-57-1	Dieldrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	959-98-8	Endosulfan I	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	33213-65-9	Endosulfan II	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	1031-07-8	Endosulfan sulfate	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	72-20-8	Endrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7421-93-4	Endrin aldehyde	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	53494-70-5	Endrin ketone	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	76-44-8	Heptachlor	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	1024-57-3	Heptachlor epoxide	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	72-43-5	Methoxychlor	0.0041	mg/kg	TRG	U	U	0.0041	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	8001-35-2	Toxaphene	0.083	mg/kg	TRG	U	U	0.083	N	PEST/PCB	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	83-32-9	Acenaphthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	208-96-8	Acenaphthylene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGSO02	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	120-12-7	Anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	56-55-3	Benzo(a)anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	50-32-8	Benzo(a)pyrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	205-99-2	Benzo(b)fluoranthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	191-24-2	Benzo(ghi)perylene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	207-08-9	Benzo(k)fluoranthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	111-91-1	Bis(2-chloroethoxy)methane	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	111-44-4	Bis(2-chloroethyl)ether	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.06	mg/kg	TRG	J	J	0.41	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	85-68-7	Butyl benzyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	86-74-8	Carbazole	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	59-50-7	Chloro-3-methylphenol, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	106-47-8	Chloroaniline, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	91-58-7	Chloronaphthalene, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	95-57-8	Chlorophenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	218-01-9	Chrysene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	84-74-2	Di-n-butyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	117-84-0	Di-n-octyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	53-70-3	Dibenz(a,h)anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	132-64-9	Dibenzofuran	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	95-50-1	Dichlorobenzene, 1,2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	541-73-1	Dichlorobenzene, 1,3-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	106-46-7	Dichlorobenzene, 1,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	91-94-1	Dichlorobenzidine, 3,3'-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	120-83-2	Dichlorophenol, 2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	84-66-2	Diethyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	131-11-3	Dimethyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	105-67-9	Dimethylphenol, 2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	51-28-5	Dinitrophenol, 2,4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	121-14-2	Dinitrotoluene, 2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	606-20-2	Dinitrotoluene, 2,6-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	206-44-0	Fluoranthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	86-73-7	Fluorene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	118-74-1	Hexachlorobenzene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	87-68-3	Hexachlorobutadiene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	77-47-4	Hexachlorocyclopentadiene	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	67-72-1	Hexachloroethane	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	78-59-1	Isophorone	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	91-57-6	Methylnaphthalene, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	95-48-7	Methylphenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	106-44-5	Methylphenol, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	91-20-3	Naphthalene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	88-74-4	Nitroaniline, 2-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	99-09-2	Nitroaniline, 3-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	100-01-6	Nitroaniline, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	98-95-3	Nitrobenzene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	88-75-5	Nitrophenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	100-02-7	Nitrophenol, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	87-86-5	Pentachlorophenol	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	85-01-8	Phenanthrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	108-95-2	Phenol	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	129-00-0	Pyrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	95-95-4	Trichlorophenol, 2,4,5-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	88-06-2	Trichlorophenol, 2,4,6-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	621-64-7	n-Nitroso-di-n-propylamine	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	86-30-6	n-Nitrosodiphenylamine	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	67-64-1	Acetone	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	71-43-2	Benzene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	75-27-4	Bromodichloromethane	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	75-25-2	Bromoform	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	74-83-9	Bromomethane	0.062	mg/kg	TRG	U	U	0.062	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	78-93-3	Butanone, 2-	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	75-15-0	Carbon disulfide	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	56-23-5	Carbon tetrachloride	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	108-90-7	Chlorobenzene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	75-00-3	Chloroethane	0.062	mg/kg	TRG	U	U	0.062	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	67-66-3	Chloroform	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	74-87-3	Chloromethane	0.062	mg/kg	TRG	U	U	0.062	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	124-48-1	Dibromochloromethane	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	75-34-3	Dichloroethane, 1,1-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	107-06-2	Dichloroethane, 1,2-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	75-35-4	Dichloroethene, 1,1-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	540-59-0	Dichloroethene, 1,2-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	78-87-5	Dichloropropane, 1,2-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	10061-01-5	Dichloropropene, cis-1,3-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	10061-02-6	Dichloropropene, trans-1,3-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	100-41-4	Ethylbenzene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	591-78-6	Hexanone, 2-	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	108-10-1	Methyl-2-pentanone, 4-	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	75-09-2	Methylene chloride	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	100-42-5	Styrene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	127-18-4	Tetrachloroethene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	108-88-3	Toluene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	71-55-6	Trichloroethane, 1,1,1-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	79-00-5	Trichloroethane, 1,1,2-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	79-01-6	Trichloroethene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	75-01-4	Vinyl chloride	0.062	mg/kg	TRG	U	U	0.062	N	VOLATILES	Y
INSIDE_2BG	2BGS002	622141.06	1913179.074	639.78	SO	1-Oct-96	6	7	1060	REG	1330-20-7	Xylenes, total	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	57-12-5	Cyanide, total	0.64	mg/kg	TRG	U	U	0.64	N	CYANIDE	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	250	mg/kg	TRG	GU	U	250	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	99-65-0	Dinitrobenzene, 1,3-	50	mg/kg	TRG	U	U	50	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	121-14-2	Dinitrotoluene, 2,4-	50	mg/kg	TRG	U	U	50	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	606-20-2	Dinitrotoluene, 2,6-	50	mg/kg	TRG	U	U	50	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	2691-41-0	HMX	100	mg/kg	TRG	U	U	100	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	98-95-3	Nitrobenzene	50	mg/kg	TRG	U	U	50	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	88-72-2	Nitrotoluene, 2-	50	mg/kg	TRG	U	U	50	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	99-08-1	Nitrotoluene, 3-	50	mg/kg	TRG	U	U	50	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	121-82-4	RDX	100	mg/kg	TRG	U	U	100	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	479-45-8	Tetryl	130	mg/kg	TRG	U	U	130	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	99-35-4	Trinitrobenzene, 1,3,5-	50	mg/kg	TRG	U	U	50	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	118-96-7	Trinitrotoluene, 2,4,6-	910	mg/kg	TRG			50	Y	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7429-90-5	Aluminum	8620	mg/kg	TRG			25.6	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7440-36-0	Antimony	7.7	mg/kg	TRG	U	U	7.7	N	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7440-38-2	Arsenic	5.3	mg/kg	TRG			1.3	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7440-39-3	Barium	156	mg/kg	TRG			25.6	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7440-41-7	Beryllium	0.64	mg/kg	TRG	U	U	0.64	N	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7440-43-9	Cadmium	0.64	mg/kg	TRG	U	U	0.64	N	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7440-70-2	Calcium	7930	mg/kg	TRG			639	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7440-47-3	Chromium	18.2	mg/kg	TRG			1.3	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7440-48-4	Cobalt	10.6	mg/kg	TRG			6.4	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7440-50-8	Copper	47.4	mg/kg	TRG			3.2	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7439-89-6	Iron	18400	mg/kg	TRG			12.8	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7439-92-1	Lead	391	mg/kg	TRG			0.38	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7439-95-4	Magnesium	5160	mg/kg	TRG			639	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7439-96-5	Manganese	295	mg/kg	TRG		J	1.9	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7439-97-6	Mercury	0.17	mg/kg	TRG			0.042	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7440-02-0	Nickel	33.8	mg/kg	TRG			5.1	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7440-09-7	Potassium	1540	mg/kg	TRG			639	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7782-49-2	Selenium	0.76	mg/kg	TRG			0.64	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7440-22-4	Silver	1.3	mg/kg	TRG	U	U	1.3	N	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7440-23-5	Sodium	639	mg/kg	TRG	U	U	639	N	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7440-28-0	Thallium	1.3	mg/kg	TRG			1.3	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7440-62-2	Vanadium	20	mg/kg	TRG			6.4	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7440-66-6	Zinc	141	mg/kg	TRG			2.6	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	10-00-4	% moisture	21.8	Percent	TRG			0	Y	MOISTURE	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	309-00-2	Aldrin	0.11	mg/kg	TRG	U	U	0.11	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	12674-11-2	Aroclor 1016	2.1	mg/kg	TRG	U	U	2.1	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	11104-28-2	Aroclor 1221	2.1	mg/kg	TRG	U	U	2.1	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	11141-16-5	Aroclor 1232	4.1	mg/kg	TRG	GU	U	4.1	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	53469-21-9	Aroclor 1242	2.1	mg/kg	TRG	U	U	2.1	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	12672-29-6	Aroclor 1248	2.1	mg/kg	TRG	U	U	2.1	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	11097-69-1	Aroclor 1254	8.6	mg/kg	TRG	GU	U	8.6	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	11096-82-5	Aroclor 1260	6.8	mg/kg	TRG			2.1	Y	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	319-84-6	BHC, alpha-	0.11	mg/kg	TRG	U	U	0.11	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	319-85-7	BHC, beta-	0.11	mg/kg	TRG	U	U	0.11	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	319-86-8	BHC, delta-	0.11	mg/kg	TRG	U	U	0.11	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	58-89-9	BHC, gamma-	0.11	mg/kg	TRG	U	U	0.11	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	5103-71-9	Chlordane, alpha-	0.11	mg/kg	TRG	U	U	0.11	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	5103-74-2	Chlordane, gamma-	0.11	mg/kg	TRG	U	U	0.11	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	72-54-8	DDD, 4,4'-	0.11	mg/kg	TRG	U	U	0.11	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	72-55-9	DDE, 4,4'-	0.11	mg/kg	TRG	U	U	0.11	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	50-29-3	DDT, 4,4'-	0.11	mg/kg	TRG	U	U	0.11	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	60-57-1	Dieldrin	0.11	mg/kg	TRG	U	U	0.11	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	959-98-8	Endosulfan I	0.11	mg/kg	TRG	U	U	0.11	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	33213-65-9	Endosulfan II	0.21	mg/kg	TRG	GU	U	0.21	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	1031-07-8	Endosulfan sulfate	0.11	mg/kg	TRG	U	U	0.11	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	72-20-8	Endrin	0.13	mg/kg	TRG	GU	U	0.13	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7421-93-4	Endrin aldehyde	0.11	mg/kg	TRG	U	U	0.11	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	53494-70-5	Endrin ketone	0.11	mg/kg	TRG	U	U	0.11	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	76-44-8	Heptachlor	0.11	mg/kg	TRG	U	U	0.11	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	1024-57-3	Heptachlor epoxide	0.11	mg/kg	TRG	U	U	0.11	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	72-43-5	Methoxychlor	0.21	mg/kg	TRG	U	U	0.21	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	8001-35-2	Toxaphene	4.3	mg/kg	TRG	U	U	4.3	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	83-32-9	Acenaphthene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	208-96-8	Acenaphthylene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	120-12-7	Anthracene	0.055	mg/kg	TRG	J	J	0.42	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	56-55-3	Benzo(a)anthracene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	50-32-8	Benzo(a)pyrene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	205-99-2	Benzo(b)fluoranthene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	191-24-2	Benzo(ghi)perylene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	207-08-9	Benzo(k)fluoranthene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	111-91-1	Bis(2-chloroethoxy)methane	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	111-44-4	Bis(2-chloroethyl)ether	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	85-68-7	Butyl benzyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	86-74-8	Carbazole	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	59-50-7	Chloro-3-methylphenol, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	106-47-8	Chloroaniline, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	91-58-7	Chloronaphthalene, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	95-57-8	Chlorophenol, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	218-01-9	Chrysene	0.064	mg/kg	TRG	J	J	0.42	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	84-74-2	Di-n-butyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	117-84-0	Di-n-octyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	53-70-3	Dibenz(a,h)anthracene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	132-64-9	Dibenzofuran	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	95-50-1	Dichlorobenzene, 1,2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	541-73-1	Dichlorobenzene, 1,3-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	106-46-7	Dichlorobenzene, 1,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	91-94-1	Dichlorobenzidine, 3,3'-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	120-83-2	Dichlorophenol, 2,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	84-66-2	Diethyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	131-11-3	Dimethyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	105-67-9	Dimethylphenol, 2,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	51-28-5	Dinitrophenol, 2,4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	121-14-2	Dinitrotoluene, 2,4-	6.1	mg/kg	TRG			0.84	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	606-20-2	Dinitrotoluene, 2,6-	3.3	mg/kg	TRG			0.84	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	206-44-0	Fluoranthene	0.091	mg/kg	TRG	J	J	0.42	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	86-73-7	Fluorene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	118-74-1	Hexachlorobenzene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	87-68-3	Hexachlorobutadiene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	77-47-4	Hexachlorocyclopentadiene	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	67-72-1	Hexachloroethane	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	78-59-1	Isophorone	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	91-57-6	Methylnaphthalene, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	95-48-7	Methylphenol, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	106-44-5	Methylphenol, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	91-20-3	Naphthalene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	88-74-4	Nitroaniline, 2-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	99-09-2	Nitroaniline, 3-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	100-01-6	Nitroaniline, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	98-95-3	Nitrobenzene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	88-75-5	Nitrophenol, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	100-02-7	Nitrophenol, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	87-86-5	Pentachlorophenol	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	85-01-8	Phenanthrene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	108-95-2	Phenol	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	129-00-0	Pyrene	0.077	mg/kg	TRG	J	J	0.42	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	95-95-4	Trichlorophenol, 2,4,5-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	88-06-2	Trichlorophenol, 2,4,6-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	621-64-7	n-Nitroso-di-n-propylamine	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	86-30-6	n-Nitrosodiphenylamine	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	67-64-1	Acetone	0.026	mg/kg	TRG	U	U	0.026	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	71-43-2	Benzene	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	75-27-4	Bromodichloromethane	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	75-25-2	Bromoform	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	74-83-9	Bromomethane	0.013	mg/kg	TRG	U	U	0.013	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	78-93-3	Butanone, 2-	0.026	mg/kg	TRG	U	U	0.026	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	75-15-0	Carbon disulfide	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	56-23-5	Carbon tetrachloride	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	108-90-7	Chlorobenzene	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	75-00-3	Chloroethane	0.013	mg/kg	TRG	U	U	0.013	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	67-66-3	Chloroform	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	74-87-3	Chloromethane	0.013	mg/kg	TRG	U	U	0.013	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	124-48-1	Dibromochloromethane	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	75-34-3	Dichloroethane, 1,1-	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	107-06-2	Dichloroethane, 1,2-	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	75-35-4	Dichloroethene, 1,1-	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	540-59-0	Dichloroethene, 1,2-	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	78-87-5	Dichloropropane, 1,2-	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	10061-01-5	Dichloropropene, cis-1,3-	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	10061-02-6	Dichloropropene, trans-1,3-	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	100-41-4	Ethylbenzene	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	591-78-6	Hexanone, 2-	0.026	mg/kg	TRG	U	U	0.026	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	108-10-1	Methyl-2-pentanone, 4-	0.026	mg/kg	TRG	U	U	0.026	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	75-09-2	Methylene chloride	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	100-42-5	Styrene	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	127-18-4	Tetrachloroethene	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	108-88-3	Toluene	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	71-55-6	Trichloroethane, 1,1,1-	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	79-00-5	Trichloroethane, 1,1,2-	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	79-01-6	Trichloroethene	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	75-01-4	Vinyl chloride	0.013	mg/kg	TRG	U	U	0.013	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	1-Oct-96	0	0.5	1070	REG	1330-20-7	Xylenes, total	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	57-12-5	Cyanide, total	0.6	mg/kg	TRG	U	U	0.6	N	CYANIDE	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	58	mg/kg	TRG	GU	U	58	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	99-65-0	Dinitrobenzene, 1,3-	12	mg/kg	TRG	U	U	12	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	121-14-2	Dinitrotoluene, 2,4-	160	mg/kg	TRG			12	Y	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	606-20-2	Dinitrotoluene, 2,6-	12	mg/kg	TRG	U	U	12	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	2691-41-0	HMX	25	mg/kg	TRG	U	U	25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	98-95-3	Nitrobenzene	12	mg/kg	TRG	U	U	12	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	88-72-2	Nitrotoluene, 2-	12	mg/kg	TRG	U	U	12	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	99-08-1	Nitrotoluene, 3-	12	mg/kg	TRG	U	U	12	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	121-82-4	RDX	25	mg/kg	TRG	U	U	25	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	479-45-8	Tetryl	32	mg/kg	TRG	U	U	32	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	99-35-4	Trinitrobenzene, 1,3,5-	12	mg/kg	TRG	U	U	12	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	118-96-7	Trinitrotoluene, 2,4,6-	94	mg/kg	TRG			12	Y	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7429-90-5	Aluminum	10100	mg/kg	TRG			24	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7440-36-0	Antimony	7.2	mg/kg	TRG	U	UJ	7.2	N	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7440-38-2	Arsenic	18.3	mg/kg	TRG			1.2	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7440-39-3	Barium	118	mg/kg	TRG			24	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7440-41-7	Beryllium	0.81	mg/kg	TRG			0.6	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7440-43-9	Cadmium	0.84	mg/kg	TRG			0.6	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7440-70-2	Calcium	12200	mg/kg	TRG			601	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7440-47-3	Chromium	19.2	mg/kg	TRG		J	1.2	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7440-48-4	Cobalt	15.5	mg/kg	TRG			6	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7440-50-8	Copper	172	mg/kg	TRG			3	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7439-89-6	Iron	34100	mg/kg	TRG			12	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7439-92-1	Lead	232	mg/kg	TRG			0.36	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7439-95-4	Magnesium	4160	mg/kg	TRG			601	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7439-96-5	Manganese	213	mg/kg	TRG			1.8	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7439-97-6	Mercury	0.12	mg/kg	TRG			0.04	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7440-02-0	Nickel	49.5	mg/kg	TRG			4.8	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7440-09-7	Potassium	2050	mg/kg	TRG		J	601	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7782-49-2	Selenium	1.2	mg/kg	TRG			0.6	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7440-22-4	Silver	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7440-23-5	Sodium	601	mg/kg	TRG	U	U	601	N	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7440-28-0	Thallium	3.3	mg/kg	TRG			1.2	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7440-62-2	Vanadium	20.5	mg/kg	TRG		J	6	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7440-66-6	Zinc	270	mg/kg	TRG			2.4	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	10-00-4	% moisture	16.8	Percent	TRG			0	Y	MOISTURE	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	309-00-2	Aldrin	0.02	mg/kg	TRG	U	U	0.02	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	12674-11-2	Aroclor 1016	0.4	mg/kg	TRG	U	U	0.4	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	11104-28-2	Aroclor 1221	0.4	mg/kg	TRG	U	U	0.4	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	11141-16-5	Aroclor 1232	0.4	mg/kg	TRG	U	U	0.4	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	53469-21-9	Aroclor 1242	0.4	mg/kg	TRG	U	U	0.4	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	12672-29-6	Aroclor 1248	0.4	mg/kg	TRG	U	U	0.4	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	11097-69-1	Aroclor 1254	1.6	mg/kg	TRG	GU	U	1.6	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	11096-82-5	Aroclor 1260	1.8	mg/kg	TRG			0.4	Y	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	319-84-6	BHC, alpha-	0.02	mg/kg	TRG	U	U	0.02	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	319-85-7	BHC, beta-	0.02	mg/kg	TRG	U	U	0.02	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	319-86-8	BHC, delta-	0.02	mg/kg	TRG	U	U	0.02	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	58-89-9	BHC, gamma-	0.02	mg/kg	TRG	U	U	0.02	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	5103-71-9	Chlordane, alpha-	0.02	mg/kg	TRG	U	U	0.02	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	5103-74-2	Chlordane, gamma-	0.02	mg/kg	TRG	U	U	0.02	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	72-54-8	DDD, 4,4'-	0.02	mg/kg	TRG	U	U	0.02	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	72-55-9	DDE, 4,4'-	0.02	mg/kg	TRG	U	U	0.02	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	50-29-3	DDT, 4,4'-	0.02	mg/kg	TRG	U	U	0.02	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	60-57-1	Dieldrin	0.02	mg/kg	TRG	U	U	0.02	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	959-98-8	Endosulfan I	0.02	mg/kg	TRG	U	U	0.02	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	33213-65-9	Endosulfan II	0.029	mg/kg	TRG	GU	U	0.029	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	1031-07-8	Endosulfan sulfate	0.02	mg/kg	TRG	U	U	0.02	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	72-20-8	Endrin	0.02	mg/kg	TRG	U	U	0.02	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7421-93-4	Endrin aldehyde	0.02	mg/kg	TRG	U	U	0.02	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	53494-70-5	Endrin ketone	0.02	mg/kg	TRG	U	U	0.02	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	76-44-8	Heptachlor	0.02	mg/kg	TRG	U	U	0.02	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	1024-57-3	Heptachlor epoxide	0.02	mg/kg	TRG	U	U	0.02	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	72-43-5	Methoxychlor	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	8001-35-2	Toxaphene	0.81	mg/kg	TRG	U	U	0.81	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	83-32-9	Acenaphthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	208-96-8	Acenaphthylene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	120-12-7	Anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	56-55-3	Benzo(a)anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	50-32-8	Benzo(a)pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	205-99-2	Benzo(b)fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	191-24-2	Benzo(ghi)perylene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	207-08-9	Benzo(k)fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	111-91-1	Bis(2-chloroethoxy)methane	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	111-44-4	Bis(2-chloroethyl)ether	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	85-68-7	Butyl benzyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	86-74-8	Carbazole	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	59-50-7	Chloro-3-methylphenol, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	106-47-8	Chloroaniline, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	91-58-7	Chloronaphthalene, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	95-57-8	Chlorophenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	218-01-9	Chrysene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	84-74-2	Di-n-butyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	117-84-0	Di-n-octyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	53-70-3	Dibenz(a,h)anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	132-64-9	Dibenzofuran	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	95-50-1	Dichlorobenzene, 1,2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	541-73-1	Dichlorobenzene, 1,3-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	106-46-7	Dichlorobenzene, 1,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	91-94-1	Dichlorobenzidine, 3,3'-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	120-83-2	Dichlorophenol, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	84-66-2	Diethyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	131-11-3	Dimethyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	105-67-9	Dimethylphenol, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	51-28-5	Dinitrophenol, 2,4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	121-14-2	Dinitrotoluene, 2,4-	6.4	mg/kg	TRG			1.2	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	606-20-2	Dinitrotoluene, 2,6-	0.68	mg/kg	TRG			0.4	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	206-44-0	Fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	86-73-7	Fluorene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	118-74-1	Hexachlorobenzene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	87-68-3	Hexachlorobutadiene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	77-47-4	Hexachlorocyclopentadiene	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	67-72-1	Hexachloroethane	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	78-59-1	Isophorone	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	91-57-6	Methylnaphthalene, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	95-48-7	Methylphenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	106-44-5	Methylphenol, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	91-20-3	Naphthalene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	88-74-4	Nitroaniline, 2-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	99-09-2	Nitroaniline, 3-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	100-01-6	Nitroaniline, 4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	98-95-3	Nitrobenzene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	88-75-5	Nitrophenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	100-02-7	Nitrophenol, 4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	87-86-5	Pentachlorophenol	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	85-01-8	Phenanthrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	108-95-2	Phenol	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	129-00-0	Pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	95-95-4	Trichlorophenol, 2,4,5-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	88-06-2	Trichlorophenol, 2,4,6-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	621-64-7	n-Nitroso-di-n-propylamine	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	86-30-6	n-Nitrosodiphenylamine	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	67-64-1	Acetone	0.09	mg/kg	TRG			0.024	Y	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	71-43-2	Benzene	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	75-27-4	Bromodichloromethane	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	75-25-2	Bromoform	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	74-83-9	Bromomethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	78-93-3	Butanone, 2-	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	75-15-0	Carbon disulfide	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	56-23-5	Carbon tetrachloride	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	108-90-7	Chlorobenzene	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	75-00-3	Chloroethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	67-66-3	Chloroform	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	74-87-3	Chloromethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	124-48-1	Dibromochloromethane	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	75-34-3	Dichloroethane, 1,1-	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	107-06-2	Dichloroethane, 1,2-	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	75-35-4	Dichloroethene, 1,1-	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	540-59-0	Dichloroethene, 1,2-	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	78-87-5	Dichloropropane, 1,2-	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	10061-01-5	Dichloropropene, cis-1,3-	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	10061-02-6	Dichloropropene, trans-1,3-	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	100-41-4	Ethylbenzene	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	591-78-6	Hexanone, 2-	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	108-10-1	Methyl-2-pentanone, 4-	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	75-09-2	Methylene chloride	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	100-42-5	Styrene	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	127-18-4	Tetrachloroethene	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	108-88-3	Toluene	0.0032	mg/kg	TRG	J	J	0.006	Y	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	71-55-6	Trichloroethane, 1,1,1-	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	79-00-5	Trichloroethane, 1,1,2-	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	79-01-6	Trichloroethene	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	75-01-4	Vinyl chloride	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	2	3	1080	REG	1330-20-7	Xylenes, total	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	57-12-5	Cyanide, total	0.63	mg/kg	TRG	U	U	0.63	N	CYANIDE	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	2.5	mg/kg	TRG	U	U	2.5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	99-65-0	Dinitrobenzene, 1,3-	2.5	mg/kg	TRG	U	U	2.5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	121-14-2	Dinitrotoluene, 2,4-	11	mg/kg	TRG			2.5	Y	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	606-20-2	Dinitrotoluene, 2,6-	2.5	mg/kg	TRG	U	U	2.5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	2691-41-0	HMX	5	mg/kg	TRG	U	U	5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	98-95-3	Nitrobenzene	2.5	mg/kg	TRG	U	U	2.5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	88-72-2	Nitrotoluene, 2-	2.5	mg/kg	TRG	U	U	2.5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	99-08-1	Nitrotoluene, 3-	2.5	mg/kg	TRG	U	U	2.5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	121-82-4	RDX	5	mg/kg	TRG	U	U	5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	479-45-8	Tetryl	6.5	mg/kg	TRG	U	U	6.5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	99-35-4	Trinitrobenzene, 1,3,5-	2.5	mg/kg	TRG	U	U	2.5	N	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	118-96-7	Trinitrotoluene, 2,4,6-	10	mg/kg	TRG			2.5	Y	EXPLOSIVES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7429-90-5	Aluminum	17000	mg/kg	TRG			25.3	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7440-36-0	Antimony	7.6	mg/kg	TRG	U	UJ	7.6	N	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7440-38-2	Arsenic	17.6	mg/kg	TRG			1.3	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7440-39-3	Barium	140	mg/kg	TRG			25.3	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7440-41-7	Beryllium	0.83	mg/kg	TRG			0.63	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7440-43-9	Cadmium	0.63	mg/kg	TRG	U	U	0.63	N	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7440-70-2	Calcium	5610	mg/kg	TRG			632	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7440-47-3	Chromium	24.8	mg/kg	TRG		J	1.3	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7440-48-4	Cobalt	21.2	mg/kg	TRG			6.3	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7440-50-8	Copper	37.7	mg/kg	TRG			3.2	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7439-89-6	Iron	37300	mg/kg	TRG			12.6	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7439-92-1	Lead	31.4	mg/kg	TRG			0.38	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7439-95-4	Magnesium	5040	mg/kg	TRG			632	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7439-96-5	Manganese	1360	mg/kg	TRG			1.9	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7439-97-6	Mercury	0.042	mg/kg	TRG	U	U	0.042	N	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7440-02-0	Nickel	45.7	mg/kg	TRG			5.1	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7440-09-7	Potassium	3010	mg/kg	TRG		J	632	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7782-49-2	Selenium	0.63	mg/kg	TRG	U	U	0.63	N	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7440-22-4	Silver	1.3	mg/kg	TRG	U	U	1.3	N	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7440-23-5	Sodium	632	mg/kg	TRG	U	U	632	N	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7440-28-0	Thallium	2.3	mg/kg	TRG			1.3	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7440-62-2	Vanadium	34.3	mg/kg	TRG		J	6.3	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7440-66-6	Zinc	93.5	mg/kg	TRG			2.5	Y	METALS	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	10-00-4	% moisture	20.9	Percent	TRG			0	Y	MOISTURE	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	309-00-2	Aldrin	0.0021	mg/kg	TRG	U	UJ	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	12674-11-2	Aroclor 1016	0.042	mg/kg	TRG	U	U	0.042	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	11104-28-2	Aroclor 1221	0.042	mg/kg	TRG	U	U	0.042	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	11141-16-5	Aroclor 1232	0.042	mg/kg	TRG	U	U	0.042	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	53469-21-9	Aroclor 1242	0.042	mg/kg	TRG	U	U	0.042	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	12672-29-6	Aroclor 1248	0.042	mg/kg	TRG	U	U	0.042	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	11097-69-1	Aroclor 1254	0.087	mg/kg	TRG	GU	U	0.087	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	11096-82-5	Aroclor 1260	0.053	mg/kg	TRG			0.042	Y	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	319-84-6	BHC, alpha-	0.0021	mg/kg	TRG	U	UJ	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	319-85-7	BHC, beta-	0.0021	mg/kg	TRG	U	UJ	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	319-86-8	BHC, delta-	0.0021	mg/kg	TRG	U	UJ	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	58-89-9	BHC, gamma-	0.0021	mg/kg	TRG	U	UJ	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	5103-71-9	Chlordane, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	5103-74-2	Chlordane, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	72-54-8	DDD, 4,4'-	0.0021	mg/kg	TRG	U	UJ	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	72-55-9	DDE, 4,4'-	0.0021	mg/kg	TRG	U	UJ	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	50-29-3	DDT, 4,4'-	0.0021	mg/kg	TRG	U	UJ	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	60-57-1	Dieldrin	0.0021	mg/kg	TRG	U	UJ	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	959-98-8	Endosulfan I	0.0021	mg/kg	TRG	U	UJ	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	33213-65-9	Endosulfan II	0.0021	mg/kg	TRG	U	UJ	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	1031-07-8	Endosulfan sulfate	0.0028	mg/kg	TRG	GU	UJ	0.0028	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	72-20-8	Endrin	0.0021	mg/kg	TRG	U	UJ	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7421-93-4	Endrin aldehyde	0.0021	mg/kg	TRG	U	UJ	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	53494-70-5	Endrin ketone	0.0021	mg/kg	TRG	U	UJ	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	76-44-8	Heptachlor	0.0021	mg/kg	TRG	U	UJ	0.0021	N	PEST/PCB	Y

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	1024-57-3	Heptachlor epoxide	0.0021	mg/kg	TRG	U	UJ	0.0021	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	72-43-5	Methoxychlor	0.0042	mg/kg	TRG	U	UJ	0.0042	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	8001-35-2	Toxaphene	0.085	mg/kg	TRG	U	U	0.085	N	PEST/PCB	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	83-32-9	Acenaphthene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	208-96-8	Acenaphthylene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	120-12-7	Anthracene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	56-55-3	Benzo(a)anthracene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	50-32-8	Benzo(a)pyrene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	205-99-2	Benzo(b)fluoranthene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	191-24-2	Benzo(ghi)perylene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	207-08-9	Benzo(k)fluoranthene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	111-91-1	Bis(2-chloroethoxy)methane	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	111-44-4	Bis(2-chloroethyl)ether	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	85-68-7	Butyl benzyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	86-74-8	Carbazole	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	59-50-7	Chloro-3-methylphenol, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	106-47-8	Chloroaniline, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	91-58-7	Chloronaphthalene, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	95-57-8	Chlorophenol, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	218-01-9	Chrysene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	84-74-2	Di-n-butyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	117-84-0	Di-n-octyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	53-70-3	Dibenz(a,h)anthracene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	132-64-9	Dibenzofuran	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	95-50-1	Dichlorobenzene, 1,2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	541-73-1	Dichlorobenzene, 1,3-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	106-46-7	Dichlorobenzene, 1,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	91-94-1	Dichlorobenzidine, 3,3'-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	120-83-2	Dichlorophenol, 2,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	84-66-2	Diethyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	131-11-3	Dimethyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	105-67-9	Dimethylphenol, 2,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	51-28-5	Dinitrophenol, 2,4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	121-14-2	Dinitrotoluene, 2,4-	0.12	mg/kg	TRG	J	J	0.42	Y	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	606-20-2	Dinitrotoluene, 2,6-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	206-44-0	Fluoranthene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	86-73-7	Fluorene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	118-74-1	Hexachlorobenzene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	87-68-3	Hexachlorobutadiene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	77-47-4	Hexachlorocyclopentadiene	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	67-72-1	Hexachloroethane	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	78-59-1	Isophorone	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	91-57-6	Methylnaphthalene, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	95-48-7	Methylphenol, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	106-44-5	Methylphenol, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	91-20-3	Naphthalene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	88-74-4	Nitroaniline, 2-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	99-09-2	Nitroaniline, 3-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	100-01-6	Nitroaniline, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	98-95-3	Nitrobenzene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	88-75-5	Nitrophenol, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	100-02-7	Nitrophenol, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	87-86-5	Pentachlorophenol	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	85-01-8	Phenanthrene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	108-95-2	Phenol	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	129-00-0	Pyrene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	95-95-4	Trichlorophenol, 2,4,5-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	88-06-2	Trichlorophenol, 2,4,6-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	621-64-7	n-Nitroso-di-n-propylamine	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	86-30-6	n-Nitrosodiphenylamine	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	67-64-1	Acetone	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	71-43-2	Benzene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	75-27-4	Bromodichloromethane	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	75-25-2	Bromoform	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	74-83-9	Bromomethane	0.013	mg/kg	TRG	U	U	0.013	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	78-93-3	Butanone, 2-	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	75-15-0	Carbon disulfide	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	56-23-5	Carbon tetrachloride	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	108-90-7	Chlorobenzene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	75-00-3	Chloroethane	0.013	mg/kg	TRG	U	U	0.013	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	67-66-3	Chloroform	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	74-87-3	Chloromethane	0.013	mg/kg	TRG	U	U	0.013	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	124-48-1	Dibromochloromethane	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	75-34-3	Dichloroethane, 1,1-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	107-06-2	Dichloroethane, 1,2-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	75-35-4	Dichloroethene, 1,1-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	540-59-0	Dichloroethene, 1,2-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	78-87-5	Dichloropropane, 1,2-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	10061-01-5	Dichloropropene, cis-1,3-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	10061-02-6	Dichloropropene, trans-1,3-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	100-41-4	Ethylbenzene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	591-78-6	Hexanone, 2-	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	108-10-1	Methyl-2-pentanone, 4-	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	75-09-2	Methylene chloride	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	100-42-5	Styrene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	127-18-4	Tetrachloroethene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	108-88-3	Toluene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	71-55-6	Trichloroethane, 1,1,1-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	79-00-5	Trichloroethane, 1,1,2-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	79-01-6	Trichloroethene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	75-01-4	Vinyl chloride	0.013	mg/kg	TRG	U	U	0.013	N	VOLATILES	Y
INSIDE_2BG	2BGS003	622191.742	1913139.081	639.67	SO	2-Oct-96	6	7	1090	REG	1330-20-7	Xylenes, total	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	28.5	pg/g	TRG			7.125	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	79.1	pg/g	TRG		J	19.775	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	12	pg/g	TRG			3	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	4.34	pg/g	TRG			1.085	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	152	pg/g	TRG		J	38	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	5.55	pg/g	TRG			1.3875	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	87.6	pg/g	TRG		J	21.9	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	4.21	pg/g	TRG			1.0525	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	5.55	pg/g	TRG			1.3875	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	11.4	pg/g	TRG			2.85	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	84.8	pg/g	TRG		J	21.2	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	72.8	pg/g	TRG		J	18.2	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	187	pg/g	TRG		J	46.75	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	51207-31-9	2,3,7,8-Tcdf	165	pg/g	TRG		J	41.25	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	6.58	pg/g	TRG			1.645	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	37871-00-4	Heptachlorodibenzo-P-Dioxin	51.4	pg/g	TRG			12.85	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	38998-75-3	Heptachlorodibenzofuran	117	pg/g	TRG			29.25	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	43.8	pg/g	TRG			10.95	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	678	pg/g	TRG			169.5	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	3268-87-9	Octachlorodibenzo-P-Dioxin	119	pg/g	TRG			29.75	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	39001-02-0	Octachlorodibenzofuran	85.4	pg/g	TRG			21.35	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	36.1	pg/g	TRG			9.025	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	1090	pg/g	TRG			272.5	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	20.5	pg/g	TRG			5.125	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	909	pg/g	TRG			227.25	Y	DIOXIN	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	3.26	mg/kg	TRG	P	J	0.815	Y	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.686	mg/kg	TRG	P	J	0.1715	Y	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	118-96-7	Trinitrotoluene, 2,4,6-	6.54	mg/kg	TRG	P	J	1.635	Y	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7429-90-5	Aluminum	9210	mg/kg	TRG		J	25	Y	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7440-36-0	Antimony	0.41	mg/kg	TRG	UN	UJ	0.41	N	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7440-38-2	Arsenic	8.45	mg/kg	TRG		J	5	Y	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7440-39-3	Barium	314	mg/kg	TRG	N	J	20	Y	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7440-41-7	Beryllium	0.588	mg/kg	TRG	B	J	0.65	Y	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7440-43-9	Cadmium	0.611	mg/kg	TRG			0.65	Y	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7440-70-2	Calcium	9540	mg/kg	TRG	N	J	50	Y	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7440-47-3	Chromium	26.6	mg/kg	TRG			0.5	Y	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7440-48-4	Cobalt	7.57	mg/kg	TRG			6.3	Y	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7440-50-8	Copper	94.9	mg/kg	TRG			10	Y	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7439-89-6	Iron	23170	mg/kg	TRG			25	Y	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7439-92-1	Lead	730	mg/kg	TRG	*		2.5	Y	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7439-95-4	Magnesium	5520	mg/kg	TRG	N	J	50	Y	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7439-96-5	Manganese	290	mg/kg	TRG	N	J	50	Y	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7439-97-6	Mercury	0.409	mg/kg	TRG	NE	J	0.10225	Y	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7440-02-0	Nickel	56.3	mg/kg	TRG			10	Y	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7440-09-7	Potassium	1350	mg/kg	TRG	N	J	600	Y	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7782-49-2	Selenium	1.75	mg/kg	TRG			0.75	Y	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7440-22-4	Silver	0.108	mg/kg	TRG	U	U	0.108	N	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7440-23-5	Sodium	250	mg/kg	TRG			646	Y	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7440-28-0	Thallium	1.19	mg/kg	TRG	U	U	1.19	N	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7440-62-2	Vanadium	25.9	mg/kg	TRG			2	Y	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	7440-66-6	Zinc	339	mg/kg	TRG			10	Y	METALS	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	10-00-4	% moisture	29.98	Percent	TRG			0	Y	MOISTURE	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	12674-11-2	Aroclor 1016	5.52	mg/kg	TRG	U	U	5.52	N	PEST/PCB	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	11097-69-1	Aroclor 1254	12.1	mg/kg	TRG	U	U	12.1	N	PEST/PCB	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	11096-82-5	Aroclor 1260	11.6	mg/kg	TRG	J	J	2.9	Y	PEST/PCB	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	83-32-9	Acenaphthene	0.772	mg/kg	TRG	N	NJ	0.193	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	208-96-8	Acenaphthylene	0.614	mg/kg	TRG	N	NJ	0.1535	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	120-12-7	Anthracene	0.0214	mg/kg	TRG	J	J	0.00535	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	56-55-3	Benzo(a)anthracene	0.0313	mg/kg	TRG	N	NJ	0.007825	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	50-32-8	Benzo(a)pyrene	0.0627	mg/kg	TRG	N	NJ	0.015675	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	205-99-2	Benzo(b)fluoranthene	0.101	mg/kg	TRG	N	NJ	0.02525	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	191-24-2	Benzo(ghi)perylene	0.0947	mg/kg	TRG	J	J	0.023675	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	207-08-9	Benzo(k)fluoranthene	0.0755	mg/kg	TRG	N	NJ	0.018875	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	218-01-9	Chrysene	0.0389	mg/kg	TRG	J	J	0.009725	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	53-70-3	Dibenz(a,h)anthracene	0.0184	mg/kg	TRG	U	U	0.0184	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	121-14-2	Dinitrotoluene, 2,4-	3.04	mg/kg	TRG	P	J	0.76	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	606-20-2	Dinitrotoluene, 2,6-	0.977	mg/kg	TRG			0.24425	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	206-44-0	Fluoranthene	0.139	mg/kg	TRG	J	J	0.03475	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	86-73-7	Fluorene	0.0529	mg/kg	TRG	U	U	0.0529	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0339	mg/kg	TRG	J	J	0.008475	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	85-01-8	Phenanthrene	0.0688	mg/kg	TRG	J	J	0.0172	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	129-00-0	Pyrene	0.0587	mg/kg	TRG	U	U	0.0587	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	67-64-1	Acetone	0.0089	mg/kg	TRG		JB	0.002225	Y	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	71-43-2	Benzene	0.0017	mg/kg	TRG		J	0.000425	Y	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	74-97-5	Bromochloromethane	0.00049	mg/kg	TRG	U	UJ	0.00049	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	75-27-4	Bromodichloromethane	0.00048	mg/kg	TRG	U	UJ	0.00048	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	75-25-2	Bromoform	0.00048	mg/kg	TRG	U	UJ	0.00048	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	74-83-9	Bromomethane	0.00049	mg/kg	TRG	U	UJ	0.00049	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	78-93-3	Butanone, 2-	0.00367	mg/kg	TRG	U	UJ	0.00367	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	75-15-0	Carbon disulfide	0.00231	mg/kg	TRG	U	UJ	0.00231	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	56-23-5	Carbon tetrachloride	0.00048	mg/kg	TRG	U	UJ	0.00048	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	108-90-7	Chlorobenzene	0.000402	mg/kg	TRG	U	UJ	0.000402	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	75-00-3	Chloroethane	0.000794	mg/kg	TRG	U	UJ	0.000794	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	67-66-3	Chloroform	0.002	mg/kg	TRG		J	0.0005	Y	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	74-87-3	Chloromethane	0.000363	mg/kg	TRG	U	UJ	0.000363	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	110-82-7	Cyclohexane	0.000471	mg/kg	TRG	U	UJ	0.000471	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000735	mg/kg	TRG	U	UJ	0.000735	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	124-48-1	Dibromochloromethane	0.00049	mg/kg	TRG	U	UJ	0.00049	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	106-93-4	Dibromoethane, 1,2-	0.000412	mg/kg	TRG	U	UJ	0.000412	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000394	mg/kg	TRG	U	U	0.000394	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000271	mg/kg	TRG	U	U	0.000271	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000324	mg/kg	TRG	U	U	0.000324	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	75-71-8	Dichlorodifluoromethane	0.000814	mg/kg	TRG	U	UJ	0.000814	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	75-34-3	Dichloroethane, 1,1-	0.000461	mg/kg	TRG	U	UJ	0.000461	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	107-06-2	Dichloroethane, 1,2-	0.000422	mg/kg	TRG	U	UJ	0.000422	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	75-35-4	Dichloroethene, 1,1-	0.00066	mg/kg	TRG	J	J	0.000165	Y	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000461	mg/kg	TRG	U	UJ	0.000461	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	156-60-5	Dichloroethene, trans-1,2-	0.00052	mg/kg	TRG	U	UJ	0.00052	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	78-87-5	Dichloropropane, 1,2-	0.000471	mg/kg	TRG	U	UJ	0.000471	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000422	mg/kg	TRG	U	UJ	0.000422	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000245	mg/kg	TRG	U	UJ	0.000245	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	100-41-4	Ethylbenzene	0.000373	mg/kg	TRG	U	UJ	0.000373	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	591-78-6	Hexanone, 2-	0.0033	mg/kg	TRG	U	U	0.0033	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	98-82-8	Isopropylbenzene	0.000394	mg/kg	TRG	U	UJ	0.000394	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	79-20-9	METHYL ACETATE	0.00324	mg/kg	TRG	U	UJ	0.00324	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.00052	mg/kg	TRG	U	UJ	0.00052	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00353	mg/kg	TRG	U	U	0.00353	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	108-87-2	Methylcyclohexane	0.0019	mg/kg	TRG	J	J	0.000475	Y	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	75-09-2	Methylene chloride	0.00132	mg/kg	TRG	U	UJ	0.00132	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	91-20-3	Naphthalene	3.21	mg/kg	TRG	N	NJ	0.8025	Y	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	100-42-5	Styrene	0.000382	mg/kg	TRG	U	UJ	0.000382	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000796	mg/kg	TRG	U	UJ	0.000796	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	127-18-4	Tetrachloroethene	0.000373	mg/kg	TRG	U	UJ	0.000373	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	108-88-3	Toluene	0.0035	mg/kg	TRG		J	0.000875	Y	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000306	mg/kg	TRG	U	U	0.000306	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000315	mg/kg	TRG	U	U	0.000315	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	71-55-6	Trichloroethane, 1,1,1-	0.00052	mg/kg	TRG	U	UJ	0.00052	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000529	mg/kg	TRG	U	UJ	0.000529	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	79-01-6	Trichloroethene	0.000441	mg/kg	TRG	U	UJ	0.000441	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	75-69-4	Trichlorofluoromethane	0.00049	mg/kg	TRG	U	UJ	0.00049	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	75-01-4	Vinyl chloride	0.000549	mg/kg	TRG	U	UJ	0.000549	N	VOLATILES	P
INSIDE_2BG	BH17				SO	20-May-04	0	1	BH17A(0-1)	REG	1330-20-7	Xylenes, total	0.000382	mg/kg	TRG	U	UJ	0.000382	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7429-90-5	Aluminum	15660	mg/kg	TRG			25	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7440-36-0	Antimony	0.415	mg/kg	TRG	UN	UJ	0.415	N	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7440-38-2	Arsenic	16.1	mg/kg	TRG	*N	J	5	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7440-39-3	Barium	116	mg/kg	TRG	*	J	20	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7440-41-7	Beryllium	0.878	mg/kg	TRG			0.65	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7440-43-9	Cadmium	0.16	mg/kg	TRG	B*	BJ	0.65	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7440-70-2	Calcium	3640	mg/kg	TRG	*		50	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7440-47-3	Chromium	23.6	mg/kg	TRG			0.5	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7440-48-4	Cobalt	16.7	mg/kg	TRG	*N	J	6.3	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7440-50-8	Copper	27.8	mg/kg	TRG	*N	J	10	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7439-89-6	Iron	29990	mg/kg	TRG	E	J	25	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7439-92-1	Lead	14.4	mg/kg	TRG	*N	J	2.5	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7439-95-4	Magnesium	4420	mg/kg	TRG			50	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7439-96-5	Manganese	856	mg/kg	TRG	E*	J	50	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7439-97-6	Mercury	2.41E-02	mg/kg	TRG			0.006025	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7440-02-0	Nickel	36.1	mg/kg	TRG	E*N	J	10	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7440-09-7	Potassium	2570	mg/kg	TRG	N	J	600	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7782-49-2	Selenium	0.267	mg/kg	TRG	B	BJ	0.75	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7440-22-4	Silver	0.514	mg/kg	TRG	B	J	1.3	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7440-23-5	Sodium	160	mg/kg	TRG			646	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7440-28-0	Thallium	1.21	mg/kg	TRG	U	U	1.21	N	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7440-62-2	Vanadium	40.2	mg/kg	TRG			2	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	7440-66-6	Zinc	61.9	mg/kg	TRG	N*	J	10	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	10-00-4	% moisture	17.3	Percent	TRG			0	Y	MOISTURE	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	12674-11-2	Aroclor 1016	0.189	mg/kg	TRG	U	U	0.189	N	PEST/PCB	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	11097-69-1	Aroclor 1254	0.413	mg/kg	TRG	U	U	0.413	N	PEST/PCB	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	11096-82-5	Aroclor 1260	0.251	mg/kg	TRG	U	U	0.251	N	PEST/PCB	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	83-32-9	Acenaphthene	0.0731	mg/kg	TRG	U	U	0.0731	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	208-96-8	Acenaphthylene	0.0399	mg/kg	TRG	U	UJ	0.0399	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	120-12-7	Anthracene	0.00455	mg/kg	TRG	U	UJ	0.00455	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	56-55-3	Benzo(a)anthracene	0.00804	mg/kg	TRG	U	U	0.00804	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	50-32-8	Benzo(a)pyrene	0.00992	mg/kg	TRG	U	UJ	0.00992	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	205-99-2	Benzo(b)fluoranthene	0.004	mg/kg	TRG	J	J	0.001	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	191-24-2	Benzo(ghi)perylene	0.0143	mg/kg	TRG	U	U	0.0143	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	207-08-9	Benzo(k)fluoranthene	0.104	mg/kg	TRG	N	NJ	0.026	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	218-01-9	Chrysene	0.00583	mg/kg	TRG	U	U	0.00583	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	53-70-3	Dibenz(a,h)anthracene	0.0086	mg/kg	TRG	U	U	0.0086	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	206-44-0	Fluoranthene	0.0231	mg/kg	TRG	U	U	0.0231	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	86-73-7	Fluorene	0.0247	mg/kg	TRG	U	U	0.0247	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.00353	mg/kg	TRG	U	U	0.00353	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	85-01-8	Phenanthrene	0.0192	mg/kg	TRG	U	U	0.0192	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	129-00-0	Pyrene	0.0274	mg/kg	TRG	U	U	0.0274	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	67-64-1	Acetone	0.0224	mg/kg	TRG			0.0056	Y	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	71-43-2	Benzene	0.000394	mg/kg	TRG	U	U	0.000394	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	74-97-5	Bromochloromethane	0.000438	mg/kg	TRG	U	U	0.000438	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	75-27-4	Bromodichloromethane	0.000429	mg/kg	TRG	U	U	0.000429	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	75-25-2	Bromoform	0.000429	mg/kg	TRG	U	U	0.000429	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	74-83-9	Bromomethane	0.000438	mg/kg	TRG	U	U	0.000438	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	78-93-3	Butanone, 2-	0.0036	mg/kg	TRG	J	J	0.0009	Y	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	75-15-0	Carbon disulfide	0.00207	mg/kg	TRG	U	U	0.00207	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	56-23-5	Carbon tetrachloride	0.000429	mg/kg	TRG	U	U	0.000429	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	108-90-7	Chlorobenzene	0.000359	mg/kg	TRG	U	U	0.000359	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	75-00-3	Chloroethane	0.000709	mg/kg	TRG	U	U	0.000709	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	67-66-3	Chloroform	0.000455	mg/kg	TRG	U	U	0.000455	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	74-87-3	Chloromethane	0.000324	mg/kg	TRG	U	U	0.000324	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	110-82-7	Cyclohexane	0.00083	mg/kg	TRG	J	J	0.0002075	Y	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000656	mg/kg	TRG	U	U	0.000656	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	124-48-1	Dibromochloromethane	0.000438	mg/kg	TRG	U	U	0.000438	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	106-93-4	Dibromoethane, 1,2-	0.000368	mg/kg	TRG	U	U	0.000368	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000407	mg/kg	TRG	U	U	0.000407	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	541-73-1	Dichlorobenzene, 1,3-	0.00028	mg/kg	TRG	U	U	0.00028	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000335	mg/kg	TRG	U	U	0.000335	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	75-71-8	Dichlorodifluoromethane	0.000726	mg/kg	TRG	U	UJ	0.000726	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	75-34-3	Dichloroethane, 1,1-	0.000411	mg/kg	TRG	U	U	0.000411	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	107-06-2	Dichloroethane, 1,2-	0.000376	mg/kg	TRG	U	U	0.000376	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	75-35-4	Dichloroethene, 1,1-	0.0011	mg/kg	TRG			0.000275	Y	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000411	mg/kg	TRG	U	U	0.000411	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000464	mg/kg	TRG	U	U	0.000464	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	78-87-5	Dichloropropane, 1,2-	0.00042	mg/kg	TRG	U	U	0.00042	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000376	mg/kg	TRG	U	U	0.000376	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000219	mg/kg	TRG	U	U	0.000219	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	100-41-4	Ethylbenzene	0.000333	mg/kg	TRG	U	U	0.000333	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	591-78-6	Hexanone, 2-	0.00341	mg/kg	TRG	U	U	0.00341	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	98-82-8	Isopropylbenzene	0.000407	mg/kg	TRG	U	UJ	0.000407	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	79-20-9	METHYL ACETATE	0.00289	mg/kg	TRG	U	U	0.00289	N	VOLATILES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000464	mg/kg	TRG	U	U	0.000464	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00365	mg/kg	TRG	U	U	0.00365	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	108-87-2	Methylcyclohexane	0.000446	mg/kg	TRG	U	UJ	0.000446	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	75-09-2	Methylene chloride	0.00118	mg/kg	TRG	U	U	0.00118	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	91-20-3	Naphthalene	0.0267	mg/kg	TRG	U	U	0.0267	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	100-42-5	Styrene	0.000341	mg/kg	TRG	U	U	0.000341	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000823	mg/kg	TRG	U	UJ	0.000823	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	127-18-4	Tetrachloroethene	0.000333	mg/kg	TRG	U	U	0.000333	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	108-88-3	Toluene	0.000298	mg/kg	TRG	U	U	0.000298	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000317	mg/kg	TRG	U	U	0.000317	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000326	mg/kg	TRG	U	U	0.000326	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000464	mg/kg	TRG	U	U	0.000464	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000473	mg/kg	TRG	U	U	0.000473	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	79-01-6	Trichloroethene	0.000394	mg/kg	TRG	U	U	0.000394	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	75-69-4	Trichlorofluoromethane	0.000438	mg/kg	TRG	U	U	0.000438	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	75-01-4	Vinyl chloride	0.00049	mg/kg	TRG	U	U	0.00049	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	3	5	BH17A(3-5)	REG	1330-20-7	Xylenes, total	0.000341	mg/kg	TRG	U	U	0.000341	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7429-90-5	Aluminum	13810	mg/kg	TRG			25	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7440-36-0	Antimony	0.724	mg/kg	TRG	BN	BJ	8.35	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7440-38-2	Arsenic	8.79	mg/kg	TRG	*N	J	5	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7440-39-3	Barium	97	mg/kg	TRG	*	J	20	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7440-41-7	Beryllium	0.674	mg/kg	TRG			0.65	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7440-43-9	Cadmium	0.375	mg/kg	TRG	B*	J	0.65	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7440-70-2	Calcium	54080	mg/kg	TRG	*	J	50	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7440-47-3	Chromium	20.8	mg/kg	TRG			0.5	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7440-48-4	Cobalt	11.9	mg/kg	TRG	*N	J	6.3	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7440-50-8	Copper	34.3	mg/kg	TRG	*N	J	10	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7439-89-6	Iron	24330	mg/kg	TRG	E	J	25	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7439-92-1	Lead	18.1	mg/kg	TRG	*N		2.5	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7439-95-4	Magnesium	16970	mg/kg	TRG			50	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7439-96-5	Manganese	723	mg/kg	TRG	E*	J	50	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7439-97-6	Mercury	1.82E-02	mg/kg	TRG			0.00455	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7440-02-0	Nickel	35.3	mg/kg	TRG	E*N	J	10	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7440-09-7	Potassium	3440	mg/kg	TRG	N	J	600	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7782-49-2	Selenium	2.9	mg/kg	TRG			0.75	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7440-22-4	Silver	0.28	mg/kg	TRG	B	J	1.3	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7440-23-5	Sodium	212	mg/kg	TRG			646	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7440-28-0	Thallium	1.21	mg/kg	TRG	U	U	1.21	N	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7440-62-2	Vanadium	32.5	mg/kg	TRG			2	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	7440-66-6	Zinc	64.7	mg/kg	TRG	N*	J	10	Y	METALS	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	10-00-4	% moisture	18.5	Percent	TRG			0	Y	MOISTURE	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	12674-11-2	Aroclor 1016	0.181	mg/kg	TRG	U	U	0.181	N	PEST/PCB	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	11097-69-1	Aroclor 1254	0.396	mg/kg	TRG	U	U	0.396	N	PEST/PCB	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	11096-82-5	Aroclor 1260	0.24	mg/kg	TRG	U	U	0.24	N	PEST/PCB	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	83-32-9	Acenaphthene	0.0688	mg/kg	TRG	U	U	0.0688	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	208-96-8	Acenaphthylene	0.146	mg/kg	TRG	N	NJ	0.0365	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	120-12-7	Anthracene	0.0109	mg/kg	TRG	N	NJ	0.002725	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	56-55-3	Benzo(a)anthracene	0.00756	mg/kg	TRG	U	U	0.00756	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	50-32-8	Benzo(a)pyrene	0.0234	mg/kg	TRG	N	NJ	0.00585	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	205-99-2	Benzo(b)fluoranthene	0.0177	mg/kg	TRG	J	J	0.004425	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	191-24-2	Benzo(ghi)perylene	0.0494	mg/kg	TRG	J	J	0.01235	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	207-08-9	Benzo(k)fluoranthene	0.0942	mg/kg	TRG	N	NJ	0.02355	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	218-01-9	Chrysene	0.0263	mg/kg	TRG	J	J	0.006575	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	53-70-3	Dibenz(a,h)anthracene	0.00809	mg/kg	TRG	U	U	0.00809	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	206-44-0	Fluoranthene	0.0595	mg/kg	TRG	J	J	0.014875	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	86-73-7	Fluorene	0.0232	mg/kg	TRG	U	U	0.0232	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0129	mg/kg	TRG	J	J	0.003225	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	85-01-8	Phenanthrene	0.0336	mg/kg	TRG	J	J	0.0084	Y	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	129-00-0	Pyrene	0.0257	mg/kg	TRG	U	U	0.0257	N	SEMIVOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	67-64-1	Acetone	0.00318	mg/kg	TRG	U	U	0.00318	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	71-43-2	Benzene	0.000407	mg/kg	TRG	U	U	0.000407	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	74-97-5	Bromochloromethane	0.000452	mg/kg	TRG	U	U	0.000452	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	75-27-4	Bromodichloromethane	0.000443	mg/kg	TRG	U	U	0.000443	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	75-25-2	Bromoform	0.000443	mg/kg	TRG	U	U	0.000443	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	74-83-9	Bromomethane	0.000452	mg/kg	TRG	U	U	0.000452	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	78-93-3	Butanone, 2-	0.00338	mg/kg	TRG	U	U	0.00338	N	VOLATILES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	75-15-0	Carbon disulfide	0.00214	mg/kg	TRG	U	U	0.00214	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	56-23-5	Carbon tetrachloride	0.000443	mg/kg	TRG	U	U	0.000443	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	108-90-7	Chlorobenzene	0.000371	mg/kg	TRG	U	U	0.000371	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	75-00-3	Chloroethane	0.000733	mg/kg	TRG	U	U	0.000733	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	67-66-3	Chloroform	0.00047	mg/kg	TRG	U	U	0.00047	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	74-87-3	Chloromethane	0.000335	mg/kg	TRG	U	U	0.000335	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	110-82-7	Cyclohexane	0.000434	mg/kg	TRG	U	UJ	0.000434	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000679	mg/kg	TRG	U	U	0.000679	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	124-48-1	Dibromochloromethane	0.000452	mg/kg	TRG	U	U	0.000452	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	106-93-4	Dibromoethane, 1,2-	0.00038	mg/kg	TRG	U	U	0.00038	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000566	mg/kg	TRG	U	UJ	0.000566	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	541-73-1	Dichlorobenzene, 1,3-	0.00039	mg/kg	TRG	U	UJ	0.00039	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000466	mg/kg	TRG	U	UJ	0.000466	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	75-71-8	Dichlorodifluoromethane	0.000751	mg/kg	TRG	U	UJ	0.000751	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	75-34-3	Dichloroethane, 1,1-	0.000425	mg/kg	TRG	U	U	0.000425	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	107-06-2	Dichloroethane, 1,2-	0.000389	mg/kg	TRG	U	U	0.000389	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	75-35-4	Dichloroethene, 1,1-	0.00059	mg/kg	TRG	J	J	0.0001475	Y	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000425	mg/kg	TRG	U	U	0.000425	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	156-60-5	Dichloroethene, trans-1,2-	0.00048	mg/kg	TRG	U	U	0.00048	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	78-87-5	Dichloropropane, 1,2-	0.000434	mg/kg	TRG	U	U	0.000434	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000389	mg/kg	TRG	U	U	0.000389	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000226	mg/kg	TRG	U	U	0.000226	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	100-41-4	Ethylbenzene	0.000344	mg/kg	TRG	U	U	0.000344	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	591-78-6	Hexanone, 2-	0.00475	mg/kg	TRG	U	U	0.00475	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	98-82-8	Isopropylbenzene	0.000566	mg/kg	TRG	U	UJ	0.000566	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	79-20-9	METHYL ACETATE	0.00299	mg/kg	TRG	U	U	0.00299	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.00048	mg/kg	TRG	U	U	0.00048	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00507	mg/kg	TRG	U	UJ	0.00507	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	108-87-2	Methylcyclohexane	0.000461	mg/kg	TRG	U	UJ	0.000461	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	75-09-2	Methylene chloride	0.00122	mg/kg	TRG	U	U	0.00122	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	91-20-3	Naphthalene	0.0748	mg/kg	TRG	J	J	0.0187	Y	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	100-42-5	Styrene	0.000353	mg/kg	TRG	U	U	0.000353	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.00115	mg/kg	TRG	U	UJ	0.00115	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	127-18-4	Tetrachloroethene	0.000344	mg/kg	TRG	U	U	0.000344	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	108-88-3	Toluene	0.000308	mg/kg	TRG	U	U	0.000308	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000441	mg/kg	TRG	U	UJ	0.000441	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000453	mg/kg	TRG	U	UJ	0.000453	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	71-55-6	Trichloroethane, 1,1,1-	0.00048	mg/kg	TRG	U	U	0.00048	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000489	mg/kg	TRG	U	U	0.000489	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	79-01-6	Trichloroethene	0.000407	mg/kg	TRG	U	U	0.000407	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	75-69-4	Trichlorofluoromethane	0.000452	mg/kg	TRG	U	U	0.000452	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	75-01-4	Vinyl chloride	0.000507	mg/kg	TRG	U	U	0.000507	N	VOLATILES	P
INSIDE_2BG	BH17				SO	26-May-04	8	10	BH17A(8-10)	REG	1330-20-7	Xylenes, total	0.000353	mg/kg	TRG	U	U	0.000353	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	4.17	mg/kg	TRG	P	J	1.0425	Y	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	118-96-7	Trinitrotoluene, 2,4,6-	60.3	mg/kg	TRG			15.075	Y	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7429-90-5	Aluminum	9750	mg/kg	TRG			25	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7440-36-0	Antimony	0.963	mg/kg	TRG	BN	J	8.35	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7440-38-2	Arsenic	4.91	mg/kg	TRG	*	J	5	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7440-39-3	Barium	138	mg/kg	TRG	*N	J	20	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7440-41-7	Beryllium	0.627	mg/kg	TRG			0.65	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7440-43-9	Cadmium	0.61	mg/kg	TRG	B	J	0.65	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7440-70-2	Calcium	9870	mg/kg	TRG	*	J	50	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7440-47-3	Chromium	22.1	mg/kg	TRG			0.5	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7440-48-4	Cobalt	9.07	mg/kg	TRG	*	J	6.3	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7440-50-8	Copper	49.4	mg/kg	TRG	N*	J	10	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7439-89-6	Iron	15820	mg/kg	TRG	*	J	25	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7439-92-1	Lead	598	mg/kg	TRG	N*	J	2.5	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7439-95-4	Magnesium	6600	mg/kg	TRG	*N	J	50	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7439-96-5	Manganese	277	mg/kg	TRG	*	J	50	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7439-97-6	Mercury	0.39	mg/kg	TRG	E	J	0.0975	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7440-02-0	Nickel	31	mg/kg	TRG			10	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7440-09-7	Potassium	985	mg/kg	TRG	*N	J	600	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7782-49-2	Selenium	1.54	mg/kg	TRG	*	J	0.75	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7440-22-4	Silver	0.222	mg/kg	TRG	B	J	1.3	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7440-23-5	Sodium	135	mg/kg	TRG	*	J	646	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7440-28-0	Thallium	1.52	mg/kg	TRG	B	J	24.3	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7440-31-5	Tin	0.467	mg/kg	TRG	U*N	U	0.467	N	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7440-62-2	Vanadium	24	mg/kg	TRG			2	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	7440-66-6	Zinc	489	mg/kg	TRG	*N	J	10	Y	METALS	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	10-00-4	% moisture	18.38	Percent	TRG			0	Y	MOISTURE	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	12674-11-2	Aroclor 1016	3.81	mg/kg	TRG	U	U	3.81	N	PEST/PCB	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	11097-69-1	Aroclor 1254	8.34	mg/kg	TRG	U	U	8.34	N	PEST/PCB	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	11096-82-5	Aroclor 1260	8.94	mg/kg	TRG	J	J	2.235	Y	PEST/PCB	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	83-32-9	Acenaphthene	0.783	mg/kg	TRG	N	NJ	0.19575	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	208-96-8	Acenaphthylene	1.73	mg/kg	TRG	N	NJ	0.4325	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	120-12-7	Anthracene	0.0218	mg/kg	TRG	N	NJ	0.00545	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	56-55-3	Benzo(a)anthracene	0.0838	mg/kg	TRG	N	NJ	0.02095	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	50-32-8	Benzo(a)pyrene	0.108	mg/kg	TRG	N	NJ	0.027	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	205-99-2	Benzo(b)fluoranthene	0.14	mg/kg	TRG	N	NJ	0.035	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	191-24-2	Benzo(ghi)perylene	0.103	mg/kg	TRG	N	NJ	0.02575	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	207-08-9	Benzo(k)fluoranthene	0.209	mg/kg	TRG	N	NJ	0.05225	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	218-01-9	Chrysene	0.0568	mg/kg	TRG	J	J	0.0142	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	53-70-3	Dibenz(a,h)anthracene	0.0156	mg/kg	TRG	U	U	0.0156	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	121-14-2	Dinitrotoluene, 2,4-	0.993	mg/kg	TRG	P	J	0.24825	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	206-44-0	Fluoranthene	0.164	mg/kg	TRG	J	J	0.041	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	86-73-7	Fluorene	0.0449	mg/kg	TRG	U	U	0.0449	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0587	mg/kg	TRG	N	NJ	0.014675	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	85-01-8	Phenanthrene	0.0705	mg/kg	TRG	J	J	0.017625	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	129-00-0	Pyrene	0.203	mg/kg	TRG	N	NJ	0.05075	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	67-64-1	Acetone	0.00443	mg/kg	TRG	U	U	0.00443	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	71-43-2	Benzene	0.000566	mg/kg	TRG	U	U	0.000566	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	74-97-5	Bromochloromethane	0.000629	mg/kg	TRG	U	U	0.000629	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	75-27-4	Bromodichloromethane	0.000617	mg/kg	TRG	U	U	0.000617	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	75-25-2	Bromoform	0.000617	mg/kg	TRG	U	U	0.000617	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	74-83-9	Bromomethane	0.000629	mg/kg	TRG	U	U	0.000629	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	78-93-3	Butanone, 2-	0.00471	mg/kg	TRG	U	U	0.00471	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	75-15-0	Carbon disulfide	0.00297	mg/kg	TRG	U	U	0.00297	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	56-23-5	Carbon tetrachloride	0.000617	mg/kg	TRG	U	U	0.000617	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	108-90-7	Chlorobenzene	0.000516	mg/kg	TRG	U	U	0.000516	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	75-00-3	Chloroethane	0.00102	mg/kg	TRG	U	U	0.00102	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	67-66-3	Chloroform	0.000655	mg/kg	TRG	U	U	0.000655	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	74-87-3	Chloromethane	0.000466	mg/kg	TRG	U	U	0.000466	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	110-82-7	Cyclohexane	0.000604	mg/kg	TRG	U	UJ	0.000604	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000944	mg/kg	TRG	U	UJ	0.000944	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	124-48-1	Dibromochloromethane	0.000629	mg/kg	TRG	U	U	0.000629	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	106-93-4	Dibromoethane, 1,2-	0.000529	mg/kg	TRG	U	U	0.000529	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000393	mg/kg	TRG	U	U	0.000393	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000271	mg/kg	TRG	U	U	0.000271	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000323	mg/kg	TRG	U	U	0.000323	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	75-71-8	Dichlorodifluoromethane	0.000725	mg/kg	TRG	U	UJ	0.000725	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	75-34-3	Dichloroethane, 1,1-	0.000592	mg/kg	TRG	U	U	0.000592	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	107-06-2	Dichloroethane, 1,2-	0.000541	mg/kg	TRG	U	U	0.000541	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	75-35-4	Dichloroethene, 1,1-	0.000629	mg/kg	TRG	U	U	0.000629	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000592	mg/kg	TRG	U	U	0.000592	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000667	mg/kg	TRG	U	U	0.000667	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	78-87-5	Dichloropropane, 1,2-	0.000604	mg/kg	TRG	U	U	0.000604	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000541	mg/kg	TRG	U	U	0.000541	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000315	mg/kg	TRG	U	U	0.000315	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	100-41-4	Ethylbenzene	0.000478	mg/kg	TRG	U	U	0.000478	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	591-78-6	Hexanone, 2-	0.00329	mg/kg	TRG	U	U	0.00329	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	98-82-8	Isopropylbenzene	0.000393	mg/kg	TRG	U	UJ	0.000393	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	79-20-9	METHYL ACETATE	0.00415	mg/kg	TRG	U	UJ	0.00415	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000667	mg/kg	TRG	U	U	0.000667	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00352	mg/kg	TRG	U	U	0.00352	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	108-87-2	Methylcyclohexane	0.000445	mg/kg	TRG	U	UJ	0.000445	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	75-09-2	Methylene chloride	0.0017	mg/kg	TRG	U	U	0.0017	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	91-20-3	Naphthalene	2.2	mg/kg	TRG	N	NJ	0.55	Y	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	100-42-5	Styrene	0.000491	mg/kg	TRG	U	U	0.000491	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000795	mg/kg	TRG	U	UJ	0.000795	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	127-18-4	Tetrachloroethene	0.000478	mg/kg	TRG	U	U	0.000478	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	108-88-3	Toluene	0.000428	mg/kg	TRG	U	U	0.000428	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000306	mg/kg	TRG	U	U	0.000306	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000314	mg/kg	TRG	U	U	0.000314	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000667	mg/kg	TRG	U	U	0.000667	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	79-00-5	Trichloroethane, 1,1,2-	0.00068	mg/kg	TRG	U	U	0.00068	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	79-01-6	Trichloroethene	0.000566	mg/kg	TRG	U	U	0.000566	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	75-69-4	Trichlorofluoromethane	0.000629	mg/kg	TRG	U	U	0.000629	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	75-01-4	Vinyl chloride	0.000705	mg/kg	TRG	U	U	0.000705	N	VOLATILES	P
INSIDE_2BG	BH18				SO	21-May-04	0	1	BH18A(0-1)	REG	1330-20-7	Xylenes, total	0.000491	mg/kg	TRG	U	U	0.000491	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	4.98	mg/kg	TRG		J	1.245	Y	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	17.9	mg/kg	TRG	P	J	4.475	Y	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7429-90-5	Aluminum	17390	mg/kg	TRG			25	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7440-36-0	Antimony	0.415	mg/kg	TRG	UN	U	0.415	N	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7440-38-2	Arsenic	10.2	mg/kg	TRG	*N	J	5	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7440-39-3	Barium	99.2	mg/kg	TRG	*	J	20	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7440-41-7	Beryllium	0.909	mg/kg	TRG			0.65	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7440-43-9	Cadmium	8.26E-02	mg/kg	TRG	B*	BJ	0.65	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7440-70-2	Calcium	4100	mg/kg	TRG	*	J	50	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7440-47-3	Chromium	27.1	mg/kg	TRG			0.5	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7440-48-4	Cobalt	7.77	mg/kg	TRG	*N	J	6.3	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7440-50-8	Copper	25.3	mg/kg	TRG	*N	J	10	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7439-89-6	Iron	28250	mg/kg	TRG	E	J	25	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7439-92-1	Lead	103	mg/kg	TRG	*N		2.5	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7439-95-4	Magnesium	5760	mg/kg	TRG			50	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7439-96-5	Manganese	226	mg/kg	TRG	E*	J	50	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7439-97-6	Mercury	2.32E-02	mg/kg	TRG			0.0058	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7440-02-0	Nickel	30.2	mg/kg	TRG	E*N	J	10	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7440-09-7	Potassium	2870	mg/kg	TRG	N	J	600	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7782-49-2	Selenium	1.27	mg/kg	TRG			0.75	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7440-22-4	Silver	0.368	mg/kg	TRG	B	J	1.3	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7440-23-5	Sodium	138	mg/kg	TRG			646	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7440-28-0	Thallium	2.07	mg/kg	TRG	B	J	24.3	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7440-62-2	Vanadium	40.8	mg/kg	TRG			2	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	7440-66-6	Zinc	106	mg/kg	TRG	N*	J	10	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	10-00-4	% moisture	18.2	Percent	TRG			0	Y	MOISTURE	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	12674-11-2	Aroclor 1016	0.181	mg/kg	TRG	U	U	0.181	N	PEST/PCB	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	11097-69-1	Aroclor 1254	0.395	mg/kg	TRG	U	U	0.395	N	PEST/PCB	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	11096-82-5	Aroclor 1260	0.24	mg/kg	TRG	U	U	0.24	N	PEST/PCB	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	83-32-9	Acenaphthene	0.0781	mg/kg	TRG	U	U	0.0781	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	208-96-8	Acenaphthylene	0.0675	mg/kg	TRG	J	J	0.016875	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	120-12-7	Anthracene	0.00486	mg/kg	TRG	U	UJ	0.00486	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	56-55-3	Benzo(a)anthracene	0.00859	mg/kg	TRG	U	U	0.00859	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	50-32-8	Benzo(a)pyrene	0.0189	mg/kg	TRG	J	J	0.004725	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	205-99-2	Benzo(b)fluoranthene	0.00698	mg/kg	TRG	J	J	0.001745	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	191-24-2	Benzo(ghi)perylene	0.0152	mg/kg	TRG	U	U	0.0152	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	207-08-9	Benzo(k)fluoranthene	0.146	mg/kg	TRG	N	NJ	0.0365	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	218-01-9	Chrysene	0.00623	mg/kg	TRG	U	U	0.00623	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	53-70-3	Dibenz(a,h)anthracene	0.0396	mg/kg	TRG	N	NJ	0.0099	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	121-14-2	Dinitrotoluene, 2,4-	19.2	mg/kg	TRG	P	J	4.8	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	606-20-2	Dinitrotoluene, 2,6-	15.4	mg/kg	TRG		J	3.85	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	206-44-0	Fluoranthene	0.0247	mg/kg	TRG	U	U	0.0247	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	86-73-7	Fluorene	0.0264	mg/kg	TRG	U	U	0.0264	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.00377	mg/kg	TRG	U	U	0.00377	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	85-01-8	Phenanthrene	0.0205	mg/kg	TRG	U	U	0.0205	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	129-00-0	Pyrene	0.0292	mg/kg	TRG	U	U	0.0292	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	67-64-1	Acetone	0.00307	mg/kg	TRG	U	U	0.00307	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	71-43-2	Benzene	0.000393	mg/kg	TRG	U	U	0.000393	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	74-97-5	Bromochloromethane	0.000437	mg/kg	TRG	U	U	0.000437	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	75-27-4	Bromodichloromethane	0.000428	mg/kg	TRG	U	U	0.000428	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	75-25-2	Bromoform	0.000428	mg/kg	TRG	U	U	0.000428	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	74-83-9	Bromomethane	0.000437	mg/kg	TRG	U	U	0.000437	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	78-93-3	Butanone, 2-	0.00327	mg/kg	TRG	U	U	0.00327	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	75-15-0	Carbon disulfide	0.00206	mg/kg	TRG	U	U	0.00206	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	56-23-5	Carbon tetrachloride	0.000428	mg/kg	TRG	U	U	0.000428	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	108-90-7	Chlorobenzene	0.000358	mg/kg	TRG	U	U	0.000358	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	75-00-3	Chloroethane	0.000707	mg/kg	TRG	U	U	0.000707	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	67-66-3	Chloroform	0.000454	mg/kg	TRG	U	U	0.000454	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	74-87-3	Chloromethane	0.000323	mg/kg	TRG	U	U	0.000323	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	110-82-7	Cyclohexane	0.000419	mg/kg	TRG	U	UJ	0.000419	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000655	mg/kg	TRG	U	U	0.000655	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	124-48-1	Dibromochloromethane	0.000437	mg/kg	TRG	U	U	0.000437	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	106-93-4	Dibromoethane, 1,2-	0.000367	mg/kg	TRG	U	U	0.000367	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000423	mg/kg	TRG	U	U	0.000423	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000292	mg/kg	TRG	U	U	0.000292	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000348	mg/kg	TRG	U	U	0.000348	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	75-71-8	Dichlorodifluoromethane	0.000781	mg/kg	TRG	U	UJ	0.000781	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	75-34-3	Dichloroethane, 1,1-	0.000411	mg/kg	TRG	U	U	0.000411	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	107-06-2	Dichloroethane, 1,2-	0.000376	mg/kg	TRG	U	U	0.000376	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	75-35-4	Dichloroethene, 1,1-	0.0019	mg/kg	TRG			0.000475	Y	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000411	mg/kg	TRG	U	U	0.000411	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000463	mg/kg	TRG	U	U	0.000463	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	78-87-5	Dichloropropane, 1,2-	0.000419	mg/kg	TRG	U	U	0.000419	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000376	mg/kg	TRG	U	U	0.000376	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000218	mg/kg	TRG	U	U	0.000218	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	100-41-4	Ethylbenzene	0.000332	mg/kg	TRG	U	U	0.000332	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	591-78-6	Hexanone, 2-	0.00355	mg/kg	TRG	U	U	0.00355	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	98-82-8	Isopropylbenzene	0.000423	mg/kg	TRG	U	UJ	0.000423	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	79-20-9	METHYL ACETATE	0.00288	mg/kg	TRG	U	U	0.00288	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000463	mg/kg	TRG	U	U	0.000463	N	VOLATILES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00379	mg/kg	TRG	U	U	0.00379	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	108-87-2	Methylcyclohexane	0.00048	mg/kg	TRG	U	UJ	0.00048	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	75-09-2	Methylene chloride	0.00118	mg/kg	TRG	U	U	0.00118	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	91-20-3	Naphthalene	0.234	mg/kg	TRG	N	NJ	0.0585	Y	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	100-42-5	Styrene	0.000341	mg/kg	TRG	J	U	0.000341	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000856	mg/kg	TRG	U	UJ	0.000856	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	127-18-4	Tetrachloroethene	0.000332	mg/kg	TRG	U	U	0.000332	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	108-88-3	Toluene	0.000297	mg/kg	TRG	U	U	0.000297	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000329	mg/kg	TRG	U	U	0.000329	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000339	mg/kg	TRG	U	U	0.000339	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000463	mg/kg	TRG	U	U	0.000463	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000472	mg/kg	TRG	U	U	0.000472	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	79-01-6	Trichloroethene	0.000393	mg/kg	TRG	U	U	0.000393	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	75-69-4	Trichlorofluoromethane	0.000437	mg/kg	TRG	U	U	0.000437	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	75-01-4	Vinyl chloride	0.000489	mg/kg	TRG	U	U	0.000489	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	3	5	BH18A(3-5)	REG	1330-20-7	Xylenes, total	0.000341	mg/kg	TRG	U	U	0.000341	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7429-90-5	Aluminum	12560	mg/kg	TRG			25	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7440-36-0	Antimony	0.414	mg/kg	TRG	UN	U	0.414	N	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7440-38-2	Arsenic	9.45	mg/kg	TRG	*N	J	5	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7440-39-3	Barium	55.7	mg/kg	TRG	*	J	20	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7440-41-7	Beryllium	0.629	mg/kg	TRG			0.65	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7440-43-9	Cadmium	0.381	mg/kg	TRG	B*	J	0.65	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7440-70-2	Calcium	49400	mg/kg	TRG	*	J	50	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7440-47-3	Chromium	19.5	mg/kg	TRG			0.5	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7440-48-4	Cobalt	8.11	mg/kg	TRG	*N	J	6.3	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7440-50-8	Copper	29	mg/kg	TRG	*N	J	10	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7439-89-6	Iron	22070	mg/kg	TRG	E	J	25	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7439-92-1	Lead	13.5	mg/kg	TRG	*N	J	2.5	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7439-95-4	Magnesium	17330	mg/kg	TRG			50	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7439-96-5	Manganese	388	mg/kg	TRG	E*	J	50	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7439-97-6	Mercury	1.52E-02	mg/kg	TRG			0.0038	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7440-02-0	Nickel	24.7	mg/kg	TRG	E*N	J	10	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7440-09-7	Potassium	3180	mg/kg	TRG	N	J	600	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7782-49-2	Selenium	2.23	mg/kg	TRG			0.75	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7440-22-4	Silver	0.109	mg/kg	TRG	U	U	0.109	N	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7440-23-5	Sodium	195	mg/kg	TRG			646	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7440-28-0	Thallium	1.21	mg/kg	TRG	U	U	1.21	N	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7440-62-2	Vanadium	33.5	mg/kg	TRG			2	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	7440-66-6	Zinc	60.7	mg/kg	TRG	N*		10	Y	METALS	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	10-00-4	% moisture	22.8	Percent	TRG			0	Y	MOISTURE	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	12674-11-2	Aroclor 1016	0.191	mg/kg	TRG	U	U	0.191	N	PEST/PCB	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	11097-69-1	Aroclor 1254	0.418	mg/kg	TRG	U	U	0.418	N	PEST/PCB	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	11096-82-5	Aroclor 1260	0.254	mg/kg	TRG	U	U	0.254	N	PEST/PCB	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	83-32-9	Acenaphthene	0.0752	mg/kg	TRG	U	U	0.0752	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	208-96-8	Acenaphthylene	0.041	mg/kg	TRG	U	UJ	0.041	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	120-12-7	Anthracene	0.00572	mg/kg	TRG	J	J	0.00143	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	56-55-3	Benzo(a)anthracene	0.00827	mg/kg	TRG	U	U	0.00827	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	50-32-8	Benzo(a)pyrene	0.0102	mg/kg	TRG	U	UJ	0.0102	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	205-99-2	Benzo(b)fluoranthene	0.0172	mg/kg	TRG	J	J	0.0043	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	191-24-2	Benzo(ghi)perylene	0.0508	mg/kg	TRG	J	J	0.0127	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	207-08-9	Benzo(k)fluoranthene	0.0772	mg/kg	TRG	N	NJ	0.0193	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	218-01-9	Chrysene	0.0189	mg/kg	TRG	J	J	0.004725	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	53-70-3	Dibenz(a,h)anthracene	0.00884	mg/kg	TRG	U	U	0.00884	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	206-44-0	Fluoranthene	0.037	mg/kg	TRG	J	J	0.00925	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	86-73-7	Fluorene	0.0254	mg/kg	TRG	U	U	0.0254	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0115	mg/kg	TRG	J	J	0.002875	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	85-01-8	Phenanthrene	0.0242	mg/kg	TRG	J	J	0.00605	Y	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	129-00-0	Pyrene	0.0282	mg/kg	TRG	U	U	0.0282	N	SEMIVOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	67-64-1	Acetone	0.00331	mg/kg	TRG	U	U	0.00331	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	71-43-2	Benzene	0.000423	mg/kg	TRG	U	U	0.000423	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	74-97-5	Bromochloromethane	0.00047	mg/kg	TRG	U	U	0.00047	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	75-27-4	Bromodichloromethane	0.000461	mg/kg	TRG	U	U	0.000461	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	75-25-2	Bromoform	0.000461	mg/kg	TRG	U	U	0.000461	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	74-83-9	Bromomethane	0.00047	mg/kg	TRG	U	U	0.00047	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	78-93-3	Butanone, 2-	0.00352	mg/kg	TRG	U	U	0.00352	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	75-15-0	Carbon disulfide	0.00222	mg/kg	TRG	U	U	0.00222	N	VOLATILES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	56-23-5	Carbon tetrachloride	0.000461	mg/kg	TRG	U	U	0.000461	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	108-90-7	Chlorobenzene	0.000386	mg/kg	TRG	U	U	0.000386	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	75-00-3	Chloroethane	0.000762	mg/kg	TRG	U	U	0.000762	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	67-66-3	Chloroform	0.000489	mg/kg	TRG	U	U	0.000489	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	74-87-3	Chloromethane	0.000348	mg/kg	TRG	U	U	0.000348	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	110-82-7	Cyclohexane	0.0028	mg/kg	TRG		J	0.0007	Y	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000705	mg/kg	TRG	U	U	0.000705	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	124-48-1	Dibromochloromethane	0.00047	mg/kg	TRG	U	U	0.00047	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	106-93-4	Dibromoethane, 1,2-	0.000395	mg/kg	TRG	U	U	0.000395	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000529	mg/kg	TRG	U	U	0.000529	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000364	mg/kg	TRG	U	U	0.000364	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000435	mg/kg	TRG	U	U	0.000435	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	75-71-8	Dichlorodifluoromethane	0.000752	mg/kg	TRG	U	UJ	0.000752	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	75-34-3	Dichloroethane, 1,1-	0.000442	mg/kg	TRG	U	U	0.000442	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	107-06-2	Dichloroethane, 1,2-	0.000404	mg/kg	TRG	U	U	0.000404	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	75-35-4	Dichloroethene, 1,1-	0.00047	mg/kg	TRG	U	U	0.00047	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000442	mg/kg	TRG	U	U	0.000442	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000498	mg/kg	TRG	U	U	0.000498	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	78-87-5	Dichloropropane, 1,2-	0.000451	mg/kg	TRG	U	U	0.000451	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000404	mg/kg	TRG	U	U	0.000404	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000235	mg/kg	TRG	U	U	0.000235	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	100-41-4	Ethylbenzene	0.000357	mg/kg	TRG	U	U	0.000357	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	591-78-6	Hexanone, 2-	0.00443	mg/kg	TRG	U	U	0.00443	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	98-82-8	Isopropylbenzene	0.000529	mg/kg	TRG	U	U	0.000529	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	79-20-9	METHYL ACETATE	0.0031	mg/kg	TRG	U	U	0.0031	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000498	mg/kg	TRG	U	U	0.000498	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00473	mg/kg	TRG	U	U	0.00473	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	108-87-2	Methylcyclohexane	0.000462	mg/kg	TRG	U	UJ	0.000462	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	75-09-2	Methylene chloride	0.00127	mg/kg	TRG	U	U	0.00127	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	91-20-3	Naphthalene	0.0379	mg/kg	TRG	J	J	0.009475	Y	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	100-42-5	Styrene	0.000367	mg/kg	TRG	U	U	0.000367	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.00107	mg/kg	TRG	U	U	0.00107	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	127-18-4	Tetrachloroethene	0.000357	mg/kg	TRG	U	U	0.000357	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	108-88-3	Toluene	0.00032	mg/kg	TRG	U	U	0.00032	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000411	mg/kg	TRG	U	U	0.000411	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000423	mg/kg	TRG	U	U	0.000423	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000498	mg/kg	TRG	U	U	0.000498	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000508	mg/kg	TRG	U	U	0.000508	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	79-01-6	Trichloroethene	0.000423	mg/kg	TRG	U	U	0.000423	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	75-69-4	Trichlorofluoromethane	0.00047	mg/kg	TRG	U	U	0.00047	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	75-01-4	Vinyl chloride	0.000527	mg/kg	TRG	U	U	0.000527	N	VOLATILES	P
INSIDE_2BG	BH18				SO	26-May-04	8	10	BH18A(8-10)	REG	1330-20-7	Xylenes, total	0.000367	mg/kg	TRG	U	U	0.000367	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	28.9	mg/kg	TRG			7.225	Y	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	99-65-0	Dinitrobenzene, 1,3-	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	2691-41-0	HMX	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	88-72-2	Nitrotoluene, 2-	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	99-08-1	Nitrotoluene, 3-	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	99-99-0	Nitrotoluene, 4-	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	121-82-4	RDX	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	479-45-8	Tetryl	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	99-35-4	Trinitrobenzene, 1,3,5-	5.64	mg/kg	TRG		J	1.41	Y	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	118-96-7	Trinitrotoluene, 2,4,6-	3120	mg/kg	TRG	D		780	Y	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7429-90-5	Aluminum	8940	mg/kg	TRG			25	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7440-36-0	Antimony	0.431	mg/kg	TRG	UN	UJ	0.431	N	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7440-38-2	Arsenic	6.6	mg/kg	TRG	*	J	5	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7440-39-3	Barium	290	mg/kg	TRG	*N	J	20	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7440-41-7	Beryllium	0.548	mg/kg	TRG	B	J	0.65	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7440-43-9	Cadmium	0.421	mg/kg	TRG	B	J	0.65	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7440-70-2	Calcium	7390	mg/kg	TRG	*	J	50	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7440-47-3	Chromium	19.1	mg/kg	TRG			0.5	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7440-48-4	Cobalt	6.23	mg/kg	TRG	*	J	6.3	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7440-50-8	Copper	66.6	mg/kg	TRG	N*	J	10	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7439-89-6	Iron	16940	mg/kg	TRG	*	J	25	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7439-92-1	Lead	585	mg/kg	TRG	N*	J	2.5	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7439-95-4	Magnesium	4930	mg/kg	TRG	*N	J	50	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7439-96-5	Manganese	274	mg/kg	TRG	*	J	50	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7439-97-6	Mercury	0.282	mg/kg	TRG	E	J	0.0705	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7440-02-0	Nickel	27.2	mg/kg	TRG			10	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7440-09-7	Potassium	1270	mg/kg	TRG	*N	J	600	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7782-49-2	Selenium	1.38	mg/kg	TRG	*	J	0.75	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7440-22-4	Silver	0.313	mg/kg	TRG	B	J	1.3	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7440-23-5	Sodium	212	mg/kg	TRG	*	J	646	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7440-28-0	Thallium	1.26	mg/kg	TRG	U	U	1.26	N	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7440-31-5	Tin	5.31	mg/kg	TRG	*N		0.493	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7440-62-2	Vanadium	23.8	mg/kg	TRG			2	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	7440-66-6	Zinc	365	mg/kg	TRG	*N	J	10	Y	METALS	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	10-00-4	% moisture	23.43	Percent	TRG			0	Y	MOISTURE	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	12674-11-2	Aroclor 1016	4.02	mg/kg	TRG	U	U	4.02	N	PEST/PCB	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	11097-69-1	Aroclor 1254	8.81	mg/kg	TRG	U	U	8.81	N	PEST/PCB	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	11096-82-5	Aroclor 1260	8.14	mg/kg	TRG	J	J	2.035	Y	PEST/PCB	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	83-32-9	Acenaphthene	11	mg/kg	TRG	N	NJ	2.75	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	208-96-8	Acenaphthylene	4.14	mg/kg	TRG	N	NJ	1.035	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	120-12-7	Anthracene	0.0359	mg/kg	TRG	U	UJ	0.0359	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	56-55-3	Benzo(a)anthracene	0.0635	mg/kg	TRG	U	U	0.0635	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	50-32-8	Benzo(a)pyrene	0.0783	mg/kg	TRG	U	UJ	0.0783	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	205-99-2	Benzo(b)fluoranthene	0.0835	mg/kg	TRG	J	J	0.020875	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	191-24-2	Benzo(ghi)perylene	0.113	mg/kg	TRG	U	U	0.113	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	207-08-9	Benzo(k)fluoranthene	0.0294	mg/kg	TRG	U	U	0.0294	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	218-01-9	Chrysene	0.193	mg/kg	TRG	J	J	0.04825	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	53-70-3	Dibenz(a,h)anthracene	0.0679	mg/kg	TRG	U	U	0.0679	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	121-14-2	Dinitrotoluene, 2,4-	10.6	mg/kg	TRG		J	2.65	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	606-20-2	Dinitrotoluene, 2,6-	0.625	mg/kg	TRG	U	U	0.625	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	206-44-0	Fluoranthene	0.192	mg/kg	TRG	J	J	0.048	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	86-73-7	Fluorene	0.195	mg/kg	TRG	U	U	0.195	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0278	mg/kg	TRG	U	U	0.0278	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	98-95-3	Nitrobenzene	0.625	mg/kg	TRG	U	U	0.625	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	85-01-8	Phenanthrene	0.404	mg/kg	TRG	J	J	0.101	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	129-00-0	Pyrene	0.216	mg/kg	TRG	U	U	0.216	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	67-64-1	Acetone	0.0178	mg/kg	TRG			0.00445	Y	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	71-43-2	Benzene	0.0206	mg/kg	TRG			0.00515	Y	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	74-97-5	Bromochloromethane	0.000587	mg/kg	TRG	U	U	0.000587	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	75-27-4	Bromodichloromethane	0.000576	mg/kg	TRG	U	U	0.000576	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	75-25-2	Bromoform	0.000576	mg/kg	TRG	U	U	0.000576	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	74-83-9	Bromomethane	0.000587	mg/kg	TRG	U	U	0.000587	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	78-93-3	Butanone, 2-	0.00439	mg/kg	TRG	U	U	0.00439	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	75-15-0	Carbon disulfide	0.00277	mg/kg	TRG	U	U	0.00277	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	56-23-5	Carbon tetrachloride	0.000576	mg/kg	TRG	U	U	0.000576	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	108-90-7	Chlorobenzene	0.000482	mg/kg	TRG	U	U	0.000482	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	75-00-3	Chloroethane	0.000951	mg/kg	TRG	U	U	0.000951	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	67-66-3	Chloroform	0.000611	mg/kg	TRG	U	U	0.000611	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	74-87-3	Chloromethane	0.000435	mg/kg	TRG	U	U	0.000435	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	110-82-7	Cyclohexane	0.000564	mg/kg	TRG	U	UJ	0.000564	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000881	mg/kg	TRG	U	U	0.000881	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	124-48-1	Dibromochloromethane	0.000587	mg/kg	TRG	U	U	0.000587	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	106-93-4	Dibromoethane, 1,2-	0.000493	mg/kg	TRG	U	U	0.000493	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000407	mg/kg	TRG	U	U	0.000407	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000281	mg/kg	TRG	U	U	0.000281	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000335	mg/kg	TRG	U	U	0.000335	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	75-71-8	Dichlorodifluoromethane	0.000788	mg/kg	TRG	U	UJ	0.000788	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	75-34-3	Dichloroethane, 1,1-	0.000552	mg/kg	TRG	U	U	0.000552	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	107-06-2	Dichloroethane, 1,2-	0.000505	mg/kg	TRG	U	U	0.000505	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	75-35-4	Dichloroethene, 1,1-	0.000587	mg/kg	TRG	U	U	0.000587	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000552	mg/kg	TRG	U	U	0.000552	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000622	mg/kg	TRG	U	U	0.000622	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	78-87-5	Dichloropropane, 1,2-	0.000564	mg/kg	TRG	U	U	0.000564	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000505	mg/kg	TRG	U	U	0.000505	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000294	mg/kg	TRG	U	U	0.000294	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	100-41-4	Ethylbenzene	0.000446	mg/kg	TRG	U	U	0.000446	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	591-78-6	Hexanone, 2-	0.00341	mg/kg	TRG	U	U	0.00341	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	98-82-8	Isopropylbenzene	0.000407	mg/kg	TRG	U	UJ	0.000407	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	79-20-9	METHYL ACETATE	0.00388	mg/kg	TRG	U	UJ	0.00388	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000622	mg/kg	TRG	U	U	0.000622	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00365	mg/kg	TRG	U	U	0.00365	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	108-87-2	Methylcyclohexane	0.000484	mg/kg	TRG	U	U	0.000484	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	75-09-2	Methylene chloride	0.00159	mg/kg	TRG	U	U	0.00159	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	91-20-3	Naphthalene	9.93	mg/kg	TRG	N	NJ	2.4825	Y	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	100-42-5	Styrene	0.000458	mg/kg	TRG	U	U	0.000458	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000824	mg/kg	TRG	U	UJ	0.000824	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	127-18-4	Tetrachloroethene	0.000446	mg/kg	TRG	U	U	0.000446	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	108-88-3	Toluene	1.57	mg/kg	TRG			0.3925	Y	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000317	mg/kg	TRG	U	U	0.000317	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000326	mg/kg	TRG	U	U	0.000326	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	71-55-6	Trichloroethane, 1,1,1-	0.0017	mg/kg	TRG			0.000425	Y	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000634	mg/kg	TRG	U	U	0.000634	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	79-01-6	Trichloroethene	0.000529	mg/kg	TRG	U	U	0.000529	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	75-69-4	Trichlorofluoromethane	0.000587	mg/kg	TRG	U	U	0.000587	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	75-01-4	Vinyl chloride	0.000658	mg/kg	TRG	U	U	0.000658	N	VOLATILES	P
INSIDE_2BG	BH19				SO	21-May-04	0	1	BH19A(0-1)	REG	1330-20-7	Xylenes, total	0.000458	mg/kg	TRG	U	U	0.000458	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7429-90-5	Aluminum	11490	mg/kg	TRG			25	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7440-36-0	Antimony	0.412	mg/kg	TRG	UN	U	0.412	N	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7440-38-2	Arsenic	7.07	mg/kg	TRG	*N	J	5	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7440-39-3	Barium	57.8	mg/kg	TRG	*	J	20	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7440-41-7	Beryllium	0.635	mg/kg	TRG			0.65	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7440-43-9	Cadmium	0.111	mg/kg	TRG	B*	BJ	0.65	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7440-70-2	Calcium	2950	mg/kg	TRG	*	J	50	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7440-47-3	Chromium	19.2	mg/kg	TRG			0.5	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7440-48-4	Cobalt	8.37	mg/kg	TRG	*N	J	6.3	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7440-50-8	Copper	16.1	mg/kg	TRG	*N	J	10	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7439-89-6	Iron	19620	mg/kg	TRG	E	J	25	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7439-92-1	Lead	8.94	mg/kg	TRG	*N	J	2.5	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7439-95-4	Magnesium	3190	mg/kg	TRG			50	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7439-96-5	Manganese	229	mg/kg	TRG	E*	J	50	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7439-97-6	Mercury	2.30E-02	mg/kg	TRG			0.00575	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7440-02-0	Nickel	23.4	mg/kg	TRG	E*N	J	10	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7440-09-7	Potassium	1770	mg/kg	TRG	N	J	600	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7782-49-2	Selenium	0.756	mg/kg	TRG		B	0.75	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7440-22-4	Silver	0.19	mg/kg	TRG	B	J	1.3	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7440-23-5	Sodium	184	mg/kg	TRG			646	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7440-28-0	Thallium	1.63	mg/kg	TRG	B	J	24.3	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7440-62-2	Vanadium	29.6	mg/kg	TRG			2	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	7440-66-6	Zinc	50.2	mg/kg	TRG	N*	J	10	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	10-00-4	% moisture	17.5	Percent	TRG			0	Y	MOISTURE	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	12674-11-2	Aroclor 1016	0.183	mg/kg	TRG	U	U	0.183	N	PEST/PCB	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	11097-69-1	Aroclor 1254	0.401	mg/kg	TRG	U	U	0.401	N	PEST/PCB	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	11096-82-5	Aroclor 1260	0.243	mg/kg	TRG	U	U	0.243	N	PEST/PCB	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	83-32-9	Acenaphthene	0.241	mg/kg	TRG	N	NJ	0.06025	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	208-96-8	Acenaphthylene	0.0422	mg/kg	TRG	J	J	0.01055	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	120-12-7	Anthracene	0.00469	mg/kg	TRG	J	J	0.0011725	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	56-55-3	Benzo(a)anthracene	0.0097	mg/kg	TRG	J	J	0.002425	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	50-32-8	Benzo(a)pyrene	0.00965	mg/kg	TRG	U	UJ	0.00965	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	205-99-2	Benzo(b)fluoranthene	0.00382	mg/kg	TRG	U	U	0.00382	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	191-24-2	Benzo(ghi)perylene	0.0139	mg/kg	TRG	U	U	0.0139	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	207-08-9	Benzo(k)fluoranthene	0.103	mg/kg	TRG	N	NJ	0.02575	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	218-01-9	Chrysene	0.00568	mg/kg	TRG	U	U	0.00568	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	53-70-3	Dibenz(a,h)anthracene	0.00837	mg/kg	TRG	U	U	0.00837	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	206-44-0	Fluoranthene	0.0225	mg/kg	TRG	U	U	0.0225	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	86-73-7	Fluorene	0.0256	mg/kg	TRG	J	J	0.0064	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.00343	mg/kg	TRG	U	U	0.00343	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	85-01-8	Phenanthrene	0.247	mg/kg	TRG	N	NJ	0.06175	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	129-00-0	Pyrene	0.0266	mg/kg	TRG	U	U	0.0266	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	67-64-1	Acetone	0.0221	mg/kg	TRG			0.005525	Y	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	71-43-2	Benzene	0.000407	mg/kg	TRG	U	U	0.000407	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	74-97-5	Bromochloromethane	0.000453	mg/kg	TRG	U	U	0.000453	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	75-27-4	Bromodichloromethane	0.000444	mg/kg	TRG	U	U	0.000444	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	75-25-2	Bromoform	0.000444	mg/kg	TRG	U	U	0.000444	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	74-83-9	Bromomethane	0.000453	mg/kg	TRG	U	U	0.000453	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	78-93-3	Butanone, 2-	0.0042	mg/kg	TRG	J	J	0.00105	Y	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	75-15-0	Carbon disulfide	0.00214	mg/kg	TRG	U	U	0.00214	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	56-23-5	Carbon tetrachloride	0.000444	mg/kg	TRG	U	U	0.000444	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	108-90-7	Chlorobenzene	0.000371	mg/kg	TRG	U	U	0.000371	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	75-00-3	Chloroethane	0.000733	mg/kg	TRG	U	U	0.000733	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	67-66-3	Chloroform	0.000471	mg/kg	TRG	U	U	0.000471	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	74-87-3	Chloromethane	0.000335	mg/kg	TRG	U	U	0.000335	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	110-82-7	Cyclohexane	0.000435	mg/kg	TRG	U	UJ	0.000435	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000679	mg/kg	TRG	U	U	0.000679	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	124-48-1	Dibromochloromethane	0.000453	mg/kg	TRG	U	U	0.000453	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	106-93-4	Dibromoethane, 1,2-	0.00038	mg/kg	TRG	U	U	0.00038	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000427	mg/kg	TRG	U	U	0.000427	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000294	mg/kg	TRG	U	U	0.000294	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000351	mg/kg	TRG	U	U	0.000351	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	75-71-8	Dichlorodifluoromethane	0.000756	mg/kg	TRG	U	U	0.000756	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	75-34-3	Dichloroethane, 1,1-	0.000426	mg/kg	TRG	U	U	0.000426	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	107-06-2	Dichloroethane, 1,2-	0.000389	mg/kg	TRG	U	U	0.000389	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	75-35-4	Dichloroethene, 1,1-	0.0022	mg/kg	TRG			0.00055	Y	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000426	mg/kg	TRG	U	U	0.000426	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	156-60-5	Dichloroethene, trans-1,2-	0.00048	mg/kg	TRG	U	U	0.00048	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	78-87-5	Dichloropropane, 1,2-	0.000435	mg/kg	TRG	U	U	0.000435	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000389	mg/kg	TRG	U	U	0.000389	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000226	mg/kg	TRG	U	U	0.000226	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	100-41-4	Ethylbenzene	0.000344	mg/kg	TRG	U	U	0.000344	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	591-78-6	Hexanone, 2-	0.00358	mg/kg	TRG	U	U	0.00358	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	98-82-8	Isopropylbenzene	0.000427	mg/kg	TRG	U	U	0.000427	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	79-20-9	METHYL ACETATE	0.00299	mg/kg	TRG	U	U	0.00299	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.00048	mg/kg	TRG	U	U	0.00048	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00383	mg/kg	TRG	U	U	0.00383	N	VOLATILES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	108-87-2	Methylcyclohexane	0.000465	mg/kg	TRG	U	U	0.000465	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	75-09-2	Methylene chloride	0.0019	mg/kg	TRG	J	J	0.000475	Y	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	91-20-3	Naphthalene	0.026	mg/kg	TRG	U	U	0.026	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	100-42-5	Styrene	0.000353	mg/kg	TRG	U	U	0.000353	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000864	mg/kg	TRG	U	U	0.000864	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	127-18-4	Tetrachloroethene	0.000344	mg/kg	TRG	U	U	0.000344	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	108-88-3	Toluene	0.000308	mg/kg	TRG	U	U	0.000308	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000332	mg/kg	TRG	U	U	0.000332	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000342	mg/kg	TRG	U	U	0.000342	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	71-55-6	Trichloroethane, 1,1,1-	0.00048	mg/kg	TRG	U	U	0.00048	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000489	mg/kg	TRG	U	U	0.000489	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	79-01-6	Trichloroethene	0.000407	mg/kg	TRG	U	U	0.000407	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	75-69-4	Trichlorofluoromethane	0.000453	mg/kg	TRG	U	U	0.000453	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	75-01-4	Vinyl chloride	0.000507	mg/kg	TRG	U	U	0.000507	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	3	5	BH19A(3-5)	REG	1330-20-7	Xylenes, total	0.000353	mg/kg	TRG	U	U	0.000353	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.423	mg/kg	TRG			0.10575	Y	EXPLOSIVES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7429-90-5	Aluminum	12140	mg/kg	TRG			25	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7440-36-0	Antimony	0.416	mg/kg	TRG	UN	U	0.416	N	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7440-38-2	Arsenic	7.72	mg/kg	TRG	*N	J	5	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7440-39-3	Barium	55.1	mg/kg	TRG	*	J	20	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7440-41-7	Beryllium	0.569	mg/kg	TRG	B	J	0.65	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7440-43-9	Cadmium	0.297	mg/kg	TRG	B*	J	0.65	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7440-70-2	Calcium	55790	mg/kg	TRG	*	J	50	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7440-47-3	Chromium	19.4	mg/kg	TRG			0.5	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7440-48-4	Cobalt	7.26	mg/kg	TRG	*N	J	6.3	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7440-50-8	Copper	23.1	mg/kg	TRG	*N	J	10	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7439-89-6	Iron	20980	mg/kg	TRG	E	J	25	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7439-92-1	Lead	10.5	mg/kg	TRG	*N	J	2.5	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7439-95-4	Magnesium	18310	mg/kg	TRG			50	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7439-96-5	Manganese	368	mg/kg	TRG	E*	J	50	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7439-97-6	Mercury	1.43E-02	mg/kg	TRG			0.003575	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7440-02-0	Nickel	23.7	mg/kg	TRG	E*N	J	10	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7440-09-7	Potassium	3080	mg/kg	TRG	N	J	600	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7782-49-2	Selenium	3.13	mg/kg	TRG			0.75	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7440-22-4	Silver	0.109	mg/kg	TRG	U	U	0.109	N	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7440-23-5	Sodium	199	mg/kg	TRG			646	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7440-28-0	Thallium	1.21	mg/kg	TRG	U	U	1.21	N	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7440-62-2	Vanadium	29	mg/kg	TRG			2	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	7440-66-6	Zinc	57.4	mg/kg	TRG	N*	J	10	Y	METALS	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	10-00-4	% moisture	18.3	Percent	TRG			0	Y	MOISTURE	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	12674-11-2	Aroclor 1016	0.182	mg/kg	TRG	U	U	0.182	N	PEST/PCB	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	11097-69-1	Aroclor 1254	0.399	mg/kg	TRG	U	U	0.399	N	PEST/PCB	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	11096-82-5	Aroclor 1260	0.242	mg/kg	TRG	U	U	0.242	N	PEST/PCB	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	83-32-9	Acenaphthene	0.0746	mg/kg	TRG	U	UJ	0.0746	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	208-96-8	Acenaphthylene	0.0731	mg/kg	TRG	J	J	0.018275	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	120-12-7	Anthracene	0.00915	mg/kg	TRG	J	J	0.0022875	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	56-55-3	Benzo(a)anthracene	0.0243	mg/kg	TRG	N	NJ	0.006075	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	50-32-8	Benzo(a)pyrene	0.0279	mg/kg	TRG	N	NJ	0.006975	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	205-99-2	Benzo(b)fluoranthene	0.0299	mg/kg	TRG	N	NJ	0.007475	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	191-24-2	Benzo(ghi)perylene	0.0709	mg/kg	TRG	N	NJ	0.017725	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	207-08-9	Benzo(k)fluoranthene	0.0417	mg/kg	TRG	N	NJ	0.010425	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	218-01-9	Chrysene	0.0634	mg/kg	TRG	N	NJ	0.01585	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	53-70-3	Dibenz(a,h)anthracene	0.00877	mg/kg	TRG	U	UJ	0.00877	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	206-44-0	Fluoranthene	0.11	mg/kg	TRG	J	J	0.0275	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	86-73-7	Fluorene	0.162	mg/kg	TRG	J	J	0.0405	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0182	mg/kg	TRG	J	J	0.00455	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	85-01-8	Phenanthrene	0.0987	mg/kg	TRG	J	J	0.024675	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	129-00-0	Pyrene	0.0962	mg/kg	TRG	J	J	0.02405	Y	SEMIVOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	67-64-1	Acetone	0.0088	mg/kg	TRG			0.0022	Y	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	71-43-2	Benzene	0.000427	mg/kg	TRG	U	U	0.000427	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	74-97-5	Bromochloromethane	0.000475	mg/kg	TRG	U	U	0.000475	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	75-27-4	Bromodichloromethane	0.000465	mg/kg	TRG	U	U	0.000465	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	75-25-2	Bromoform	0.000465	mg/kg	TRG	U	U	0.000465	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	74-83-9	Bromomethane	0.000475	mg/kg	TRG	U	U	0.000475	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	78-93-3	Butanone, 2-	0.00355	mg/kg	TRG	U	U	0.00355	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	75-15-0	Carbon disulfide	0.00224	mg/kg	TRG	U	U	0.00224	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	56-23-5	Carbon tetrachloride	0.000465	mg/kg	TRG	U	U	0.000465	N	VOLATILES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	108-90-7	Chlorobenzene	0.000389	mg/kg	TRG	U	U	0.000389	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	75-00-3	Chloroethane	0.000769	mg/kg	TRG	U	U	0.000769	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	67-66-3	Chloroform	0.000494	mg/kg	TRG	U	U	0.000494	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	74-87-3	Chloromethane	0.000351	mg/kg	TRG	U	U	0.000351	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	110-82-7	Cyclohexane	0.00063	mg/kg	TRG	J	J	0.0001575	Y	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000712	mg/kg	TRG	U	U	0.000712	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	124-48-1	Dibromochloromethane	0.000475	mg/kg	TRG	U	U	0.000475	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	106-93-4	Dibromoethane, 1,2-	0.000399	mg/kg	TRG	U	U	0.000399	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000457	mg/kg	TRG	U	UJ	0.000457	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000315	mg/kg	TRG	U	UJ	0.000315	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000376	mg/kg	TRG	U	UJ	0.000376	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	75-71-8	Dichlorodifluoromethane	0.000721	mg/kg	TRG	U	U	0.000721	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	75-34-3	Dichloroethane, 1,1-	0.000446	mg/kg	TRG	U	U	0.000446	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	107-06-2	Dichloroethane, 1,2-	0.000408	mg/kg	TRG	U	U	0.000408	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	75-35-4	Dichloroethene, 1,1-	0.00058	mg/kg	TRG	J	J	0.000145	Y	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000446	mg/kg	TRG	U	U	0.000446	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000503	mg/kg	TRG	U	U	0.000503	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	78-87-5	Dichloropropane, 1,2-	0.000456	mg/kg	TRG	U	U	0.000456	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000408	mg/kg	TRG	U	U	0.000408	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000237	mg/kg	TRG	U	U	0.000237	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	100-41-4	Ethylbenzene	0.000361	mg/kg	TRG	U	U	0.000361	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	591-78-6	Hexanone, 2-	0.00383	mg/kg	TRG	U	U	0.00383	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	98-82-8	Isopropylbenzene	0.000457	mg/kg	TRG	U	UJ	0.000457	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	79-20-9	METHYL ACETATE	0.00313	mg/kg	TRG	U	U	0.00313	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000503	mg/kg	TRG	U	U	0.000503	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	108-10-1	Methyl-2-pentanone, 4-	0.0041	mg/kg	TRG	U	U	0.0041	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	108-87-2	Methylcyclohexane	0.000443	mg/kg	TRG	U	U	0.000443	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	75-09-2	Methylene chloride	0.00128	mg/kg	TRG	U	U	0.00128	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	91-20-3	Naphthalene	0.0522	mg/kg	TRG	J	J	0.01305	Y	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	100-42-5	Styrene	0.00037	mg/kg	TRG	U	U	0.00037	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000925	mg/kg	TRG	U	UJ	0.000925	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	127-18-4	Tetrachloroethene	0.000361	mg/kg	TRG	U	U	0.000361	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	108-88-3	Toluene	0.000323	mg/kg	TRG	U	U	0.000323	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000356	mg/kg	TRG	U	UJ	0.000356	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000366	mg/kg	TRG	U	UJ	0.000366	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000503	mg/kg	TRG	U	U	0.000503	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000513	mg/kg	TRG	U	U	0.000513	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	79-01-6	Trichloroethene	0.000427	mg/kg	TRG	U	U	0.000427	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	75-69-4	Trichlorofluoromethane	0.000475	mg/kg	TRG	U	U	0.000475	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	75-01-4	Vinyl chloride	0.000532	mg/kg	TRG	U	U	0.000532	N	VOLATILES	P
INSIDE_2BG	BH19				SO	26-May-04	8	10	BH19A(8-10)	REG	1330-20-7	Xylenes, total	0.00037	mg/kg	TRG	U	U	0.00037	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	2.18	mg/kg	TRG	P	J	0.545	Y	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	2.96	mg/kg	TRG			0.74	Y	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	118-96-7	Trinitrotoluene, 2,4,6-	4.75	mg/kg	TRG			1.1875	Y	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7429-90-5	Aluminum	9280	mg/kg	TRG			25	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7440-36-0	Antimony	0.425	mg/kg	TRG	UN	UJ	0.425	N	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7440-38-2	Arsenic	5.88	mg/kg	TRG	*	J	5	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7440-39-3	Barium	79.7	mg/kg	TRG	*N	J	20	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7440-41-7	Beryllium	0.568	mg/kg	TRG	B	J	0.65	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7440-43-9	Cadmium	0.279	mg/kg	TRG	B	J	0.65	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7440-70-2	Calcium	5830	mg/kg	TRG	*	J	50	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7440-47-3	Chromium	14.6	mg/kg	TRG			0.5	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7440-48-4	Cobalt	6.36	mg/kg	TRG	*	J	6.3	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7440-50-8	Copper	30.5	mg/kg	TRG	N*	J	10	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7439-89-6	Iron	15000	mg/kg	TRG	*	J	25	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7439-92-1	Lead	155	mg/kg	TRG	N*	J	2.5	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7439-95-4	Magnesium	3120	mg/kg	TRG	*N	J	50	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7439-96-5	Manganese	319	mg/kg	TRG	*	J	50	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7439-97-6	Mercury	0.185	mg/kg	TRG	E	J	0.04625	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7440-02-0	Nickel	19.1	mg/kg	TRG			10	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7440-09-7	Potassium	1280	mg/kg	TRG	*N	J	600	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7782-49-2	Selenium	1.34	mg/kg	TRG	*	J	0.75	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7440-22-4	Silver	0.132	mg/kg	TRG	B	J	1.3	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7440-23-5	Sodium	64.7	mg/kg	TRG	*	J	646	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7440-28-0	Thallium	1.24	mg/kg	TRG	U	U	1.24	N	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7440-31-5	Tin	0.472	mg/kg	TRG	U*N	U	0.472	N	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7440-62-2	Vanadium	23.3	mg/kg	TRG			2	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	7440-66-6	Zinc	75	mg/kg	TRG	*N	J	10	Y	METALS	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	10-00-4	% moisture	20.06	Percent	TRG			0	Y	MOISTURE	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	12674-11-2	Aroclor 1016	0.951	mg/kg	TRG	U	U	0.951	N	PEST/PCB	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	11097-69-1	Aroclor 1254	2.08	mg/kg	TRG	U	U	2.08	N	PEST/PCB	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	11096-82-5	Aroclor 1260	1.26	mg/kg	TRG	U	U	1.26	N	PEST/PCB	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	83-32-9	Acenaphthene	0.978	mg/kg	TRG	N	NJ	0.2445	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	208-96-8	Acenaphthylene	1.83	mg/kg	TRG	N	NJ	0.4575	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	120-12-7	Anthracene	0.0246	mg/kg	TRG	N	NJ	0.00615	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	56-55-3	Benzo(a)anthracene	0.0687	mg/kg	TRG	N	NJ	0.017175	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	50-32-8	Benzo(a)pyrene	0.0613	mg/kg	TRG	N	NJ	0.015325	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	205-99-2	Benzo(b)fluoranthene	0.0759	mg/kg	TRG	N	NJ	0.018975	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	191-24-2	Benzo(ghi)perylene	0.0474	mg/kg	TRG	N	NJ	0.01185	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	207-08-9	Benzo(k)fluoranthene	0.136	mg/kg	TRG	N	NJ	0.034	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	218-01-9	Chrysene	0.0609	mg/kg	TRG	N	NJ	0.015225	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	53-70-3	Dibenz(a,h)anthracene	0.00318	mg/kg	TRG	U	U	0.00318	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	121-14-2	Dinitrotoluene, 2,4-	1.62	mg/kg	TRG	P	J	0.405	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	606-20-2	Dinitrotoluene, 2,6-	0.352	mg/kg	TRG	J	J	0.088	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	206-44-0	Fluoranthene	0.126	mg/kg	TRG	N	NJ	0.0315	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	86-73-7	Fluorene	0.0663	mg/kg	TRG	J	J	0.016575	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0404	mg/kg	TRG	N	NJ	0.0101	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	85-01-8	Phenanthrene	0.0787	mg/kg	TRG	N	NJ	0.019675	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	129-00-0	Pyrene	0.0684	mg/kg	TRG	N	NJ	0.0171	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	67-64-1	Acetone	0.00358	mg/kg	TRG	U	U	0.00358	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	71-43-2	Benzene	0.000457	mg/kg	TRG	U	U	0.000457	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	74-97-5	Bromochloromethane	0.000508	mg/kg	TRG	U	U	0.000508	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	75-27-4	Bromodichloromethane	0.000498	mg/kg	TRG	U	U	0.000498	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	75-25-2	Bromoform	0.000498	mg/kg	TRG	U	U	0.000498	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	74-83-9	Bromomethane	0.000508	mg/kg	TRG	U	U	0.000508	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	78-93-3	Butanone, 2-	0.0038	mg/kg	TRG	U	U	0.0038	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	75-15-0	Carbon disulfide	0.0024	mg/kg	TRG	U	U	0.0024	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	56-23-5	Carbon tetrachloride	0.000498	mg/kg	TRG	U	U	0.000498	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	108-90-7	Chlorobenzene	0.000417	mg/kg	TRG	U	U	0.000417	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	75-00-3	Chloroethane	0.000823	mg/kg	TRG	U	U	0.000823	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	67-66-3	Chloroform	0.000528	mg/kg	TRG	U	U	0.000528	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	74-87-3	Chloromethane	0.000376	mg/kg	TRG	U	U	0.000376	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	110-82-7	Cyclohexane	0.000488	mg/kg	TRG	U	UJ	0.000488	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000762	mg/kg	TRG	U	UJ	0.000762	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	124-48-1	Dibromochloromethane	0.000508	mg/kg	TRG	U	U	0.000508	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	106-93-4	Dibromoethane, 1,2-	0.000427	mg/kg	TRG	U	U	0.000427	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	95-50-1	Dichlorobenzene, 1,2-	0.00041	mg/kg	TRG	U	U	0.00041	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000282	mg/kg	TRG	U	U	0.000282	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000337	mg/kg	TRG	U	U	0.000337	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	75-71-8	Dichlorodifluoromethane	0.000775	mg/kg	TRG	U	U	0.000775	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	75-34-3	Dichloroethane, 1,1-	0.000478	mg/kg	TRG	U	U	0.000478	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	107-06-2	Dichloroethane, 1,2-	0.000437	mg/kg	TRG	U	U	0.000437	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	75-35-4	Dichloroethene, 1,1-	0.000508	mg/kg	TRG	U	U	0.000508	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000478	mg/kg	TRG	U	U	0.000478	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000539	mg/kg	TRG	U	U	0.000539	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	78-87-5	Dichloropropane, 1,2-	0.000488	mg/kg	TRG	U	U	0.000488	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000437	mg/kg	TRG	U	U	0.000437	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000254	mg/kg	TRG	U	U	0.000254	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	100-41-4	Ethylbenzene	0.000386	mg/kg	TRG	U	U	0.000386	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	591-78-6	Hexanone, 2-	0.00343	mg/kg	TRG	U	U	0.00343	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	98-82-8	Isopropylbenzene	0.00041	mg/kg	TRG	U	U	0.00041	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	79-20-9	METHYL ACETATE	0.00335	mg/kg	TRG	U	UJ	0.00335	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000539	mg/kg	TRG	U	U	0.000539	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00367	mg/kg	TRG	U	U	0.00367	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	108-87-2	Methylcyclohexane	0.000476	mg/kg	TRG	U	U	0.000476	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	75-09-2	Methylene chloride	0.00137	mg/kg	TRG	U	U	0.00137	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	91-20-3	Naphthalene	0.835	mg/kg	TRG	N	NJ	0.20875	Y	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	100-42-5	Styrene	0.000396	mg/kg	TRG	U	U	0.000396	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000829	mg/kg	TRG	U	U	0.000829	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	127-18-4	Tetrachloroethene	0.000386	mg/kg	TRG	U	U	0.000386	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	108-88-3	Toluene	0.000345	mg/kg	TRG	U	U	0.000345	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000319	mg/kg	TRG	U	U	0.000319	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000328	mg/kg	TRG	U	U	0.000328	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000539	mg/kg	TRG	U	U	0.000539	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000549	mg/kg	TRG	U	U	0.000549	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	79-01-6	Trichloroethene	0.000457	mg/kg	TRG	U	U	0.000457	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	75-69-4	Trichlorofluoromethane	0.000508	mg/kg	TRG	U	U	0.000508	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	75-01-4	Vinyl chloride	0.000569	mg/kg	TRG	U	U	0.000569	N	VOLATILES	P
INSIDE_2BG	BH20				SO	21-May-04	0	1	BH20A(0-1)	REG	1330-20-7	Xylenes, total	0.000396	mg/kg	TRG	U	U	0.000396	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.249	mg/kg	TRG	PJ	J	0.06225	Y	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7429-90-5	Aluminum	11000	mg/kg	TRG	E	J	25	Y	METALS	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7440-36-0	Antimony	0.404	mg/kg	TRG	UN	U	0.404	N	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7440-38-2	Arsenic	9.89	mg/kg	TRG	*	J	5	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7440-39-3	Barium	63.3	mg/kg	TRG	NE	J	20	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7440-41-7	Beryllium	0.604	mg/kg	TRG			0.65	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7440-43-9	Cadmium	9.41E-02	mg/kg	TRG	B	J	0.65	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7440-70-2	Calcium	3080	mg/kg	TRG	E	J	50	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7440-47-3	Chromium	17	mg/kg	TRG	E	J	0.5	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7440-48-4	Cobalt	7.42	mg/kg	TRG	E	J	6.3	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7440-50-8	Copper	9.98	mg/kg	TRG	*E	J	10	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7439-89-6	Iron	23370	mg/kg	TRG	E	J	25	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7439-92-1	Lead	9.39	mg/kg	TRG	*	J	2.5	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7439-95-4	Magnesium	3000	mg/kg	TRG	E	J	50	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7439-96-5	Manganese	344	mg/kg	TRG	*E	J	50	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7439-97-6	Mercury	2.05E-02	mg/kg	TRG			0.005125	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7440-02-0	Nickel	19.3	mg/kg	TRG	E	J	10	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7440-09-7	Potassium	1490	mg/kg	TRG	NE	J	600	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7782-49-2	Selenium	1.62	mg/kg	TRG	*	J	0.75	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7440-22-4	Silver	0.165	mg/kg	TRG	B	J	1.3	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7440-23-5	Sodium	74.7	mg/kg	TRG	E	J	646	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7440-28-0	Thallium	1.18	mg/kg	TRG	U	U	1.18	N	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7440-62-2	Vanadium	31.6	mg/kg	TRG	E	J	2	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	7440-66-6	Zinc	51.4	mg/kg	TRG			10	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	10-00-4	% moisture	16.6	Percent	TRG			0	Y	MOISTURE	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	12674-11-2	Aroclor 1016	0.175	mg/kg	TRG	U	U	0.175	N	PEST/PCB	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	11097-69-1	Aroclor 1254	0.383	mg/kg	TRG	U	U	0.383	N	PEST/PCB	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	11096-82-5	Aroclor 1260	0.232	mg/kg	TRG	U	U	0.232	N	PEST/PCB	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	83-32-9	Acenaphthene	0.0909	mg/kg	TRG	J	J	0.022725	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	208-96-8	Acenaphthylene	0.0786	mg/kg	TRG	J	J	0.01965	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	120-12-7	Anthracene	0.0049	mg/kg	TRG	U	UJ	0.0049	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	56-55-3	Benzo(a)anthracene	0.0112	mg/kg	TRG	J	J	0.0028	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	50-32-8	Benzo(a)pyrene	0.0107	mg/kg	TRG	U	UJ	0.0107	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	205-99-2	Benzo(b)fluoranthene	0.00422	mg/kg	TRG	U	U	0.00422	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	191-24-2	Benzo(ghi)perylene	0.0154	mg/kg	TRG	U	U	0.0154	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	207-08-9	Benzo(k)fluoranthene	0.0592	mg/kg	TRG	N	NJ	0.0148	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	218-01-9	Chrysene	0.00628	mg/kg	TRG	U	U	0.00628	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	53-70-3	Dibenz(a,h)anthracene	0.0161	mg/kg	TRG	J	J	0.004025	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.37	mg/kg	TRG	J	J	0.0925	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	206-44-0	Fluoranthene	0.0249	mg/kg	TRG	U	U	0.0249	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	86-73-7	Fluorene	0.0266	mg/kg	TRG	U	U	0.0266	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.151	mg/kg	TRG	N	NJ	0.03775	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	85-01-8	Phenanthrene	0.0206	mg/kg	TRG	U	U	0.0206	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	129-00-0	Pyrene	0.0295	mg/kg	TRG	U	U	0.0295	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	67-64-1	Acetone	0.00321	mg/kg	TRG	U	U	0.00321	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	71-43-2	Benzene	0.00041	mg/kg	TRG	U	U	0.00041	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	74-97-5	Bromochloromethane	0.000455	mg/kg	TRG	U	U	0.000455	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	75-27-4	Bromodichloromethane	0.000446	mg/kg	TRG	U	U	0.000446	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	75-25-2	Bromoform	0.000446	mg/kg	TRG	U	U	0.000446	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	74-83-9	Bromomethane	0.000455	mg/kg	TRG	U	U	0.000455	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	78-93-3	Butanone, 2-	0.00341	mg/kg	TRG	U	U	0.00341	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	75-15-0	Carbon disulfide	0.00215	mg/kg	TRG	U	U	0.00215	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	56-23-5	Carbon tetrachloride	0.000446	mg/kg	TRG	U	U	0.000446	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	108-90-7	Chlorobenzene	0.000373	mg/kg	TRG	U	U	0.000373	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	75-00-3	Chloroethane	0.000738	mg/kg	TRG	U	U	0.000738	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	67-66-3	Chloroform	0.000474	mg/kg	TRG	U	U	0.000474	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	74-87-3	Chloromethane	0.000337	mg/kg	TRG	U	U	0.000337	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	110-82-7	Cyclohexane	0.0029	mg/kg	TRG			0.000725	Y	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000683	mg/kg	TRG	U	U	0.000683	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	124-48-1	Dibromochloromethane	0.000455	mg/kg	TRG	U	U	0.000455	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	106-93-4	Dibromoethane, 1,2-	0.000383	mg/kg	TRG	U	U	0.000383	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000391	mg/kg	TRG	U	U	0.000391	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000269	mg/kg	TRG	U	U	0.000269	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000321	mg/kg	TRG	U	U	0.000321	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	75-71-8	Dichlorodifluoromethane	0.00206	mg/kg	TRG	U	UJ	0.00206	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	75-34-3	Dichloroethane, 1,1-	0.000428	mg/kg	TRG	U	U	0.000428	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	107-06-2	Dichloroethane, 1,2-	0.000392	mg/kg	TRG	U	U	0.000392	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	75-35-4	Dichloroethene, 1,1-	0.00062	mg/kg	TRG	J	J	0.000155	Y	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000428	mg/kg	TRG	U	U	0.000428	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000483	mg/kg	TRG	U	U	0.000483	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	78-87-5	Dichloropropane, 1,2-	0.000437	mg/kg	TRG	U	U	0.000437	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000392	mg/kg	TRG	U	U	0.000392	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000228	mg/kg	TRG	U	U	0.000228	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	100-41-4	Ethylbenzene	0.000346	mg/kg	TRG	U	U	0.000346	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	591-78-6	Hexanone, 2-	0.00327	mg/kg	TRG	U	U	0.00327	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	98-82-8	Isopropylbenzene	0.000391	mg/kg	TRG	U	U	0.000391	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	79-20-9	METHYL ACETATE	0.00301	mg/kg	TRG	U	U	0.00301	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000483	mg/kg	TRG	U	U	0.000483	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	108-10-1	Methyl-2-pentanone, 4-	0.0035	mg/kg	TRG	U	U	0.0035	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	108-87-2	Methylcyclohexane	0.0014	mg/kg	TRG	J	J	0.00035	Y	VOLATILES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	75-09-2	Methylene chloride	0.00123	mg/kg	TRG	U	U	0.00123	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	91-20-3	Naphthalene	0.0288	mg/kg	TRG	U	U	0.0288	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	100-42-5	Styrene	0.000355	mg/kg	TRG	U	U	0.000355	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.00079	mg/kg	TRG	U	U	0.00079	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	127-18-4	Tetrachloroethene	0.000346	mg/kg	TRG	U	U	0.000346	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	108-88-3	Toluene	0.00031	mg/kg	TRG	U	U	0.00031	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000304	mg/kg	TRG	U	U	0.000304	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000313	mg/kg	TRG	U	U	0.000313	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	71-55-6	Trichloroethane, 1,1,1-	0.00067	mg/kg	TRG	J	J	0.0001675	Y	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000492	mg/kg	TRG	U	U	0.000492	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	79-01-6	Trichloroethene	0.00041	mg/kg	TRG	U	U	0.00041	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	75-69-4	Trichlorofluoromethane	0.000455	mg/kg	TRG	U	U	0.000455	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	75-01-4	Vinyl chloride	0.00051	mg/kg	TRG	U	U	0.00051	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20A(3-5)	REG	1330-20-7	Xylenes, total	0.000355	mg/kg	TRG	U	U	0.000355	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7429-90-5	Aluminum	12600	mg/kg	TRG	E	J	25	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7440-36-0	Antimony	0.412	mg/kg	TRG	UN	U	0.412	N	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7440-38-2	Arsenic	9.78	mg/kg	TRG	*	J	5	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7440-39-3	Barium	103	mg/kg	TRG	NE	J	20	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7440-41-7	Beryllium	0.603	mg/kg	TRG			0.65	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7440-43-9	Cadmium	0.319	mg/kg	TRG	B	J	0.65	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7440-70-2	Calcium	53910	mg/kg	TRG	E	J	50	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7440-47-3	Chromium	18.8	mg/kg	TRG	E	J	0.5	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7440-48-4	Cobalt	9.45	mg/kg	TRG	E	J	6.3	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7440-50-8	Copper	23.5	mg/kg	TRG	*E	J	10	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7439-89-6	Iron	25710	mg/kg	TRG	E	J	25	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7439-92-1	Lead	10.5	mg/kg	TRG	*	J	2.5	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7439-95-4	Magnesium	18240	mg/kg	TRG	E	J	50	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7439-96-5	Manganese	542	mg/kg	TRG	*E	J	50	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7439-97-6	Mercury	1.57E-02	mg/kg	TRG			0.003925	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7440-02-0	Nickel	26.7	mg/kg	TRG	E	J	10	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7440-09-7	Potassium	3250	mg/kg	TRG	NE	J	600	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7782-49-2	Selenium	4.57	mg/kg	TRG	*	J	0.75	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7440-22-4	Silver	0.108	mg/kg	TRG	U	U	0.108	N	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7440-23-5	Sodium	213	mg/kg	TRG	E	J	646	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7440-28-0	Thallium	1.2	mg/kg	TRG	U	U	1.2	N	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7440-62-2	Vanadium	30.6	mg/kg	TRG	E	J	2	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	7440-66-6	Zinc	57.3	mg/kg	TRG			10	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	10-00-4	% moisture	17.6	Percent	TRG			0	Y	MOISTURE	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	12674-11-2	Aroclor 1016	0.182	mg/kg	TRG	U	U	0.182	N	PEST/PCB	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	11097-69-1	Aroclor 1254	0.397	mg/kg	TRG	U	U	0.397	N	PEST/PCB	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	11096-82-5	Aroclor 1260	0.241	mg/kg	TRG	U	U	0.241	N	PEST/PCB	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	83-32-9	Acenaphthene	0.0793	mg/kg	TRG	U	U	0.0793	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	208-96-8	Acenaphthylene	0.0432	mg/kg	TRG	U	UJ	0.0432	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	120-12-7	Anthracene	0.00493	mg/kg	TRG	U	UJ	0.00493	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	56-55-3	Benzo(a)anthracene	0.00872	mg/kg	TRG	U	U	0.00872	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	50-32-8	Benzo(a)pyrene	0.0124	mg/kg	TRG	J	J	0.0031	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	205-99-2	Benzo(b)fluoranthene	0.0159	mg/kg	TRG	J	J	0.003975	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	191-24-2	Benzo(ghi)perylene	0.0357	mg/kg	TRG	J	J	0.008925	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	207-08-9	Benzo(k)fluoranthene	0.0746	mg/kg	TRG	N	NJ	0.01865	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	218-01-9	Chrysene	0.0139	mg/kg	TRG	J	J	0.003475	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	53-70-3	Dibenz(a,h)anthracene	0.00933	mg/kg	TRG	U	U	0.00933	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	206-44-0	Fluoranthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	86-73-7	Fluorene	0.0268	mg/kg	TRG	U	U	0.0268	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.00959	mg/kg	TRG	J	J	0.0023975	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	85-01-8	Phenanthrene	0.042	mg/kg	TRG	J	J	0.0105	Y	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	129-00-0	Pyrene	0.0297	mg/kg	TRG	U	U	0.0297	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	67-64-1	Acetone	0.00328	mg/kg	TRG	U	U	0.00328	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	71-43-2	Benzene	0.00042	mg/kg	TRG	U	U	0.00042	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	74-97-5	Bromochloromethane	0.000467	mg/kg	TRG	U	U	0.000467	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	75-27-4	Bromodichloromethane	0.000457	mg/kg	TRG	U	U	0.000457	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	75-25-2	Bromoform	0.000457	mg/kg	TRG	U	U	0.000457	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	74-83-9	Bromomethane	0.000467	mg/kg	TRG	U	U	0.000467	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	78-93-3	Butanone, 2-	0.00349	mg/kg	TRG	U	U	0.00349	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	75-15-0	Carbon disulfide	0.0022	mg/kg	TRG	U	U	0.0022	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	56-23-5	Carbon tetrachloride	0.000457	mg/kg	TRG	U	U	0.000457	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	108-90-7	Chlorobenzene	0.000383	mg/kg	TRG	U	U	0.000383	N	VOLATILES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	75-00-3	Chloroethane	0.000756	mg/kg	TRG	U	U	0.000756	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	67-66-3	Chloroform	0.000485	mg/kg	TRG	U	U	0.000485	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	74-87-3	Chloromethane	0.000345	mg/kg	TRG	U	U	0.000345	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	110-82-7	Cyclohexane	0.000448	mg/kg	TRG	U	U	0.000448	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.0007	mg/kg	TRG	U	U	0.0007	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	124-48-1	Dibromochloromethane	0.000467	mg/kg	TRG	U	U	0.000467	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	106-93-4	Dibromoethane, 1,2-	0.000392	mg/kg	TRG	U	U	0.000392	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	95-50-1	Dichlorobenzene, 1,2-	0.00111	mg/kg	TRG	U	U	0.00111	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000768	mg/kg	TRG	U	U	0.000768	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000917	mg/kg	TRG	U	U	0.000917	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	75-34-3	Dichloroethane, 1,1-	0.0016	mg/kg	TRG			0.0004	Y	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	107-06-2	Dichloroethane, 1,2-	0.000401	mg/kg	TRG	U	U	0.000401	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	75-35-4	Dichloroethene, 1,1-	0.002	mg/kg	TRG			0.0005	Y	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000439	mg/kg	TRG	U	U	0.000439	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000495	mg/kg	TRG	U	U	0.000495	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	78-87-5	Dichloropropane, 1,2-	0.000448	mg/kg	TRG	U	U	0.000448	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000401	mg/kg	TRG	U	U	0.000401	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000233	mg/kg	TRG	U	U	0.000233	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	100-41-4	Ethylbenzene	0.000355	mg/kg	TRG	U	U	0.000355	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	591-78-6	Hexanone, 2-	0.00934	mg/kg	TRG	U	U	0.00934	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	98-82-8	Isopropylbenzene	0.00111	mg/kg	TRG	U	U	0.00111	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	79-20-9	METHYL ACETATE	0.00308	mg/kg	TRG	U	U	0.00308	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000495	mg/kg	TRG	U	U	0.000495	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00999	mg/kg	TRG	U	U	0.00999	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	75-09-2	Methylene chloride	0.00126	mg/kg	TRG	U	U	0.00126	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	91-20-3	Naphthalene	0.0681	mg/kg	TRG	J	J	0.017025	Y	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	100-42-5	Styrene	0.000364	mg/kg	TRG	U	U	0.000364	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.00225	mg/kg	TRG	U	U	0.00225	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	127-18-4	Tetrachloroethene	0.000355	mg/kg	TRG	U	U	0.000355	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	108-88-3	Toluene	0.000317	mg/kg	TRG	U	U	0.000317	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000867	mg/kg	TRG	U	U	0.000867	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000892	mg/kg	TRG	U	U	0.000892	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000495	mg/kg	TRG	U	U	0.000495	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000504	mg/kg	TRG	U	U	0.000504	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	79-01-6	Trichloroethene	0.00042	mg/kg	TRG	U	U	0.00042	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	75-69-4	Trichlorofluoromethane	0.000467	mg/kg	TRG	U	U	0.000467	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	75-01-4	Vinyl chloride	0.000523	mg/kg	TRG	U	U	0.000523	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	8	10	BH20A(8-10)	REG	1330-20-7	Xylenes, total	0.000364	mg/kg	TRG	U	U	0.000364	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	118-96-7	Trinitrotoluene, 2,4,6-	0.539	mg/kg	TRG			0.13475	Y	EXPLOSIVES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7429-90-5	Aluminum	10180	mg/kg	TRG	E	J	25	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7440-36-0	Antimony	0.394	mg/kg	TRG	UN	U	0.394	N	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7440-38-2	Arsenic	11.6	mg/kg	TRG	*	J	5	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7440-39-3	Barium	64.9	mg/kg	TRG	NE	J	20	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7440-41-7	Beryllium	0.59	mg/kg	TRG			0.65	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7440-43-9	Cadmium	5.49E-02	mg/kg	TRG	U	U	5.49E-02	N	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7440-70-2	Calcium	2810	mg/kg	TRG	E	J	50	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7440-47-3	Chromium	16.5	mg/kg	TRG	E	J	0.5	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7440-48-4	Cobalt	10.1	mg/kg	TRG	E	J	6.3	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7440-50-8	Copper	9.65	mg/kg	TRG	*E	J	10	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7439-89-6	Iron	24630	mg/kg	TRG	E	J	25	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7439-92-1	Lead	9.47	mg/kg	TRG	*	J	2.5	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7439-95-4	Magnesium	2810	mg/kg	TRG	E	J	50	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7439-96-5	Manganese	346	mg/kg	TRG	*E	J	50	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7439-97-6	Mercury	2.31E-02	mg/kg	TRG			0.005775	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7440-02-0	Nickel	18.6	mg/kg	TRG	E	J	10	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7440-09-7	Potassium	1420	mg/kg	TRG	NE	J	600	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7782-49-2	Selenium	0.957	mg/kg	TRG	*	J	0.75	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7440-22-4	Silver	0.241	mg/kg	TRG	B	J	1.3	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7440-23-5	Sodium	75.2	mg/kg	TRG	E	J	646	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7440-28-0	Thallium	1.15	mg/kg	TRG	U	U	1.15	N	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7440-62-2	Vanadium	33	mg/kg	TRG	E	J	2	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	7440-66-6	Zinc	45.7	mg/kg	TRG			10	Y	METALS	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	67-64-1	Acetone	0.00306	mg/kg	TRG	U	U	0.00306	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	71-43-2	Benzene	0.000391	mg/kg	TRG	U	U	0.000391	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	74-97-5	Bromochloromethane	0.000434	mg/kg	TRG	U	U	0.000434	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	75-27-4	Bromodichloromethane	0.000426	mg/kg	TRG	U	U	0.000426	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	75-25-2	Bromoform	0.000426	mg/kg	TRG	U	U	0.000426	N	VOLATILES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	74-83-9	Bromomethane	0.000434	mg/kg	TRG	U	U	0.000434	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	78-93-3	Butanone, 2-	0.00325	mg/kg	TRG	U	U	0.00325	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	75-15-0	Carbon disulfide	0.00205	mg/kg	TRG	U	U	0.00205	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	56-23-5	Carbon tetrachloride	0.000426	mg/kg	TRG	U	U	0.000426	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	108-90-7	Chlorobenzene	0.000356	mg/kg	TRG	U	U	0.000356	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	75-00-3	Chloroethane	0.000704	mg/kg	TRG	U	U	0.000704	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	67-66-3	Chloroform	0.000452	mg/kg	TRG	U	U	0.000452	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	74-87-3	Chloromethane	0.000321	mg/kg	TRG	U	U	0.000321	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	110-82-7	Cyclohexane	0.000417	mg/kg	TRG	U	U	0.000417	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000651	mg/kg	TRG	U	U	0.000651	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	124-48-1	Dibromochloromethane	0.000434	mg/kg	TRG	U	U	0.000434	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	106-93-4	Dibromoethane, 1,2-	0.000365	mg/kg	TRG	U	U	0.000365	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	95-50-1	Dichlorobenzene, 1,2-	0.00042	mg/kg	TRG	U	U	0.00042	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	541-73-1	Dichlorobenzene, 1,3-	0.000289	mg/kg	TRG	U	U	0.000289	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	106-46-7	Dichlorobenzene, 1,4-	0.000345	mg/kg	TRG	U	U	0.000345	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	75-71-8	Dichlorodifluoromethane	0.00205	mg/kg	TRG	U	UJ	0.00205	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	75-34-3	Dichloroethane, 1,1-	0.000408	mg/kg	TRG	U	U	0.000408	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	107-06-2	Dichloroethane, 1,2-	0.000373	mg/kg	TRG	U	U	0.000373	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	75-35-4	Dichloroethene, 1,1-	0.000434	mg/kg	TRG	U	U	0.000434	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	156-59-2	Dichloroethene, cis-1,2-	0.000408	mg/kg	TRG	U	U	0.000408	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	156-60-5	Dichloroethene, trans-1,2-	0.00046	mg/kg	TRG	U	U	0.00046	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	78-87-5	Dichloropropane, 1,2-	0.000417	mg/kg	TRG	U	U	0.000417	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	10061-01-5	Dichloropropene, cis-1,3-	0.000373	mg/kg	TRG	U	U	0.000373	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	10061-02-6	Dichloropropene, trans-1,3-	0.000217	mg/kg	TRG	U	U	0.000217	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	100-41-4	Ethylbenzene	0.00033	mg/kg	TRG	U	U	0.00033	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	591-78-6	Hexanone, 2-	0.00352	mg/kg	TRG	U	U	0.00352	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	98-82-8	Isopropylbenzene	0.00042	mg/kg	TRG	U	U	0.00042	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	79-20-9	METHYL ACETATE	0.00287	mg/kg	TRG	U	U	0.00287	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	1634-04-4	Methyl Tertiary Butyl Ether	0.00046	mg/kg	TRG	U	U	0.00046	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	108-10-1	Methyl-2-pentanone, 4-	0.00376	mg/kg	TRG	U	U	0.00376	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	108-87-2	Methylcyclohexane	0.00126	mg/kg	TRG	U	U	0.00126	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	75-09-2	Methylene chloride	0.00117	mg/kg	TRG	U	U	0.00117	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	100-42-5	Styrene	0.000339	mg/kg	TRG	U	U	0.000339	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000849	mg/kg	TRG	U	U	0.000849	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	127-18-4	Tetrachloroethene	0.00087	mg/kg	TRG			0.0002175	Y	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	108-88-3	Toluene	0.000295	mg/kg	TRG	U	U	0.000295	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	87-61-6	Trichlorobenzene, 1,2,3-	0.000327	mg/kg	TRG	U	U	0.000327	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	120-82-1	Trichlorobenzene, 1,2,4-	0.000336	mg/kg	TRG	U	U	0.000336	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	71-55-6	Trichloroethane, 1,1,1-	0.0015	mg/kg	TRG			0.000375	Y	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	79-00-5	Trichloroethane, 1,1,2-	0.000469	mg/kg	TRG	U	U	0.000469	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	79-01-6	Trichloroethene	0.000391	mg/kg	TRG	U	U	0.000391	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	75-69-4	Trichlorofluoromethane	0.000434	mg/kg	TRG	U	U	0.000434	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	75-01-4	Vinyl chloride	0.000486	mg/kg	TRG	U	U	0.000486	N	VOLATILES	P
INSIDE_2BG	BH20				SO	25-May-04	3	5	BH20D(3-5)	FD	1330-20-7	Xylenes, total	0.000339	mg/kg	TRG	U	U	0.000339	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	12.1	pg/g	TRG		J	3.025	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	16	pg/g	TRG		J	4	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.95	pg/g	TRG		J	0.4875	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.369	pg/g	TRG		U	0.369	N	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	37.3	pg/g	TRG		J	9.325	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.944	pg/g	TRG		J	0.236	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	15.2	pg/g	TRG		J	3.8	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.782	pg/g	TRG		J	0.1955	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	4.21	pg/g	TRG		J	1.0525	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.39	pg/g	TRG		J	0.0975	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	24.8	pg/g	TRG		J	6.2	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	26.1	pg/g	TRG		J	6.525	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	75.4	pg/g	TRG		J	18.85	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	51207-31-9	2,3,7,8-Tcdf	77.3	pg/g	TRG		J	19.325	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	0.263	pg/g	TRG		J	0.06575	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	37871-00-4	Heptachlorodibenzo-P-Dioxin	22.1	pg/g	TRG			5.525	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	38998-75-3	Heptachlorodibenzofuran	25.7	pg/g	TRG			6.425	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	6.2	pg/g	TRG			1.55	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	189	pg/g	TRG			47.25	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	3268-87-9	Octachlorodibenzo-P-Dioxin	66.7	pg/g	TRG		J	16.675	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	39001-02-0	Octachlorodibenzofuran	4.69	pg/g	TRG		J	1.1725	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	1.43	pg/g	TRG			0.3575	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	409	pg/g	TRG			102.25	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	1.13	pg/g	TRG			0.2825	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	512	pg/g	TRG			128	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	35572-78-2	Amino-4,6-dinitrotoluene, 2-	59	mg/kg	TRG			14.75	Y	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	99-65-0	Dinitrobenzene, 1,3-	2.77	mg/kg	TRG	P	J	0.6925	Y	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	88-72-2	Nitrotoluene, 2-	4.28	mg/kg	TRG	P	J	1.07	Y	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	99-08-1	Nitrotoluene, 3-	0.942	mg/kg	TRG	P	J	0.2355	Y	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	99-99-0	Nitrotoluene, 4-	3.73	mg/kg	TRG	P	J	0.9325	Y	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	99-35-4	Trinitrobenzene, 1,3,5-	56.1	mg/kg	TRG	P	J	14.025	Y	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	118-96-7	Trinitrotoluene, 2,4,6-	1120	mg/kg	TRG	D		280	Y	EXPLOSIVES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7429-90-5	Aluminum	7150	mg/kg	TRG	E*	J	25	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7440-36-0	Antimony	7.02	mg/kg	TRG	N	J	8.35	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7440-38-2	Arsenic	8.29	mg/kg	TRG	*	J	5	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7440-39-3	Barium	5200	mg/kg	TRG	N	J	20	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7440-41-7	Beryllium	0.659	mg/kg	TRG	B	J	0.65	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7440-43-9	Cadmium	1.13	mg/kg	TRG		J	0.65	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7440-70-2	Calcium	6690	mg/kg	TRG	E	J	50	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7440-47-3	Chromium	48.9	mg/kg	TRG		J	0.5	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7440-48-4	Cobalt	18.3	mg/kg	TRG	*	J	6.3	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7440-50-8	Copper	1840	mg/kg	TRG	N	J	10	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7439-89-6	Iron	40460	mg/kg	TRG	*	J	25	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7439-92-1	Lead	11930	mg/kg	TRG		J	2.5	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7439-95-4	Magnesium	9360	mg/kg	TRG			50	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7439-96-5	Manganese	551	mg/kg	TRG	N	J	50	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7439-97-6	Mercury	5.62E-02	mg/kg	TRG	*NE	J	0.01405	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7440-02-0	Nickel	113	mg/kg	TRG			10	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7440-09-7	Potassium	2290	mg/kg	TRG	N	J	600	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7782-49-2	Selenium	5.55	mg/kg	TRG	*	J	0.75	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7440-22-4	Silver	1.43	mg/kg	TRG			1.3	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7440-23-5	Sodium	1270	mg/kg	TRG	*N	J	646	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7440-28-0	Thallium	1.79	mg/kg	TRG			24.3	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7440-62-2	Vanadium	20.1	mg/kg	TRG			2	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	7440-66-6	Zinc	834	mg/kg	TRG	*N	J	10	Y	METALS	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	10-00-4	% moisture	23	Percent	TRG			0	Y	MOISTURE	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	12674-11-2	Aroclor 1016	0.664	mg/kg	TRG	U	U	0.664	N	PEST/PCB	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	11097-69-1	Aroclor 1254	1.45	mg/kg	TRG	U	U	1.45	N	PEST/PCB	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	11096-82-5	Aroclor 1260	0.882	mg/kg	TRG	U	U	0.882	N	PEST/PCB	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	83-32-9	Acenaphthene	4.81	mg/kg	TRG	N	NJ	1.2025	Y	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	208-96-8	Acenaphthylene	6.19	mg/kg	TRG	N	NJ	1.5475	Y	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	120-12-7	Anthracene	0.0173	mg/kg	TRG	U	UJ	0.0173	N	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	56-55-3	Benzo(a)anthracene	0.0594	mg/kg	TRG	N	NJ	0.01485	Y	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	50-32-8	Benzo(a)pyrene	0.0377	mg/kg	TRG	U	UJ	0.0377	N	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	205-99-2	Benzo(b)fluoranthene	0.031	mg/kg	TRG	J	J	0.00775	Y	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	191-24-2	Benzo(ghi)perylene	0.0543	mg/kg	TRG	U	U	0.0543	N	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	207-08-9	Benzo(k)fluoranthene	0.0142	mg/kg	TRG	U	U	0.0142	N	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	218-01-9	Chrysene	0.0671	mg/kg	TRG	J	J	0.016775	Y	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	53-70-3	Dibenz(a,h)anthracene	0.0327	mg/kg	TRG	U	U	0.0327	N	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	121-14-2	Dinitrotoluene, 2,4-	88.1	mg/kg	TRG	D		22.025	Y	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	606-20-2	Dinitrotoluene, 2,6-	102	mg/kg	TRG	D		25.5	Y	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	206-44-0	Fluoranthene	0.133	mg/kg	TRG	J	J	0.03325	Y	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	86-73-7	Fluorene	0.328	mg/kg	TRG	J	J	0.082	Y	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	193-39-5	Indeno(1,2,3-cd)pyrene	0.0134	mg/kg	TRG	U	U	0.0134	N	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	85-01-8	Phenanthrene	0.175	mg/kg	TRG	J	J	0.04375	Y	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	129-00-0	Pyrene	0.104	mg/kg	TRG	U	U	0.104	N	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	67-64-1	Acetone	0.00867	mg/kg	TRG	U	U	0.00867	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	71-43-2	Benzene	0.0016	mg/kg	TRG	J	J	0.0004	Y	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	74-97-5	Bromochloromethane	0.00123	mg/kg	TRG	U	U	0.00123	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	75-27-4	Bromodichloromethane	0.00121	mg/kg	TRG	U	U	0.00121	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	75-25-2	Bromoform	0.00121	mg/kg	TRG	U	U	0.00121	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	74-83-9	Bromomethane	0.00123	mg/kg	TRG	U	U	0.00123	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	78-93-3	Butanone, 2-	0.00922	mg/kg	TRG	U	U	0.00922	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	75-15-0	Carbon disulfide	0.00582	mg/kg	TRG	U	U	0.00582	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	56-23-5	Carbon tetrachloride	0.00121	mg/kg	TRG	U	U	0.00121	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	108-90-7	Chlorobenzene	0.00101	mg/kg	TRG	U	U	0.00101	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	75-00-3	Chloroethane	0.002	mg/kg	TRG	U	U	0.002	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	67-66-3	Chloroform	0.00128	mg/kg	TRG	U	U	0.00128	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	74-87-3	Chloromethane	0.000912	mg/kg	TRG	U	U	0.000912	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	110-82-7	Cyclohexane	0.00118	mg/kg	TRG	U	UJ	0.00118	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	96-12-8	Dibromo-3-chloropropane, 1,2-	0.00185	mg/kg	TRG	U	UJ	0.00185	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	124-48-1	Dibromochloromethane	0.00123	mg/kg	TRG	U	U	0.00123	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	106-93-4	Dibromoethane, 1,2-	0.00103	mg/kg	TRG	U	U	0.00103	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	75-34-3	Dichloroethane, 1,1-	0.0114	mg/kg	TRG			0.00285	Y	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	107-06-2	Dichloroethane, 1,2-	0.00106	mg/kg	TRG	U	U	0.00106	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	75-35-4	Dichloroethene, 1,1-	0.0025	mg/kg	TRG			0.000625	Y	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	156-59-2	Dichloroethene, cis-1,2-	0.00116	mg/kg	TRG	U	U	0.00116	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	156-60-5	Dichloroethene, trans-1,2-	0.00131	mg/kg	TRG	U	U	0.00131	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	78-87-5	Dichloropropane, 1,2-	0.00118	mg/kg	TRG	U	U	0.00118	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	10061-01-5	Dichloropropene, cis-1,3-	0.00106	mg/kg	TRG	U	U	0.00106	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	10061-02-6	Dichloropropene, trans-1,3-	0.000616	mg/kg	TRG	U	U	0.000616	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	100-41-4	Ethylbenzene	0.000936	mg/kg	TRG	U	U	0.000936	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	79-20-9	METHYL ACETATE	0.00813	mg/kg	TRG	U	U	0.00813	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	1634-04-4	Methyl Tertiary Butyl Ether	0.00131	mg/kg	TRG	U	U	0.00131	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	75-09-2	Methylene chloride	0.00333	mg/kg	TRG	U	U	0.00333	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	91-20-3	Naphthalene	0.102	mg/kg	TRG	U	U	0.102	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	100-42-5	Styrene	0.000961	mg/kg	TRG	U	U	0.000961	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	127-18-4	Tetrachloroethene	0.000936	mg/kg	TRG	U	U	0.000936	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	108-88-3	Toluene	0.000838	mg/kg	TRG	U	U	0.000838	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	71-55-6	Trichloroethane, 1,1,1-	0.174	mg/kg	TRG		J	0.0435	Y	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	79-00-5	Trichloroethane, 1,1,2-	0.00133	mg/kg	TRG	U	U	0.00133	N	VOLATILES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	79-01-6	Trichloroethene	0.00111	mg/kg	TRG	U	U	0.00111	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	75-69-4	Trichlorofluoromethane	0.00123	mg/kg	TRG	U	U	0.00123	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	75-01-4	Vinyl chloride	0.00138	mg/kg	TRG	U	U	0.00138	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	19-May-04	1	2	TR05-1-D	FD	1330-20-7	Xylenes, total	0.000961	mg/kg	TRG	U	U	0.000961	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	6.91	pg/g	TRG		J	1.7275	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	8.34	pg/g	TRG		J	2.085	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.932	pg/g	TRG		J	0.233	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.345	pg/g	TRG		U	0.345	N	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	20.5	pg/g	TRG		J	5.125	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.579	pg/g	TRG		J	0.14475	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	7.27	pg/g	TRG		J	1.8175	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.585	pg/g	TRG		J	0.14625	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.59	pg/g	TRG		U	1.59	N	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.587	pg/g	TRG		J	0.14675	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	14.2	pg/g	TRG		J	3.55	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	12.6	pg/g	TRG		J	3.15	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	41.4	pg/g	TRG		J	10.35	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	51207-31-9	2,3,7,8-Tcdf	44	pg/g	TRG		J	11	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	0.452	pg/g	TRG		J	0.113	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	37871-00-4	Heptachlorodibenzo-P-Dioxin	12.2	pg/g	TRG			3.05	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	38998-75-3	Heptachlorodibenzofuran	13	pg/g	TRG			3.25	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	4.33	pg/g	TRG			1.0825	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	99.3	pg/g	TRG			24.825	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	3268-87-9	Octachlorodibenzo-P-Dioxin	33.6	pg/g	TRG		J	8.4	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	39001-02-0	Octachlorodibenzofuran	2.12	pg/g	TRG		J	0.53	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	3.02	pg/g	TRG			0.755	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	227	pg/g	TRG			56.75	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	0.717	pg/g	TRG			0.17925	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	278	pg/g	TRG			69.5	Y	DIOXIN	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	49.8	mg/kg	TRG			12.45	Y	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	99-65-0	Dinitrobenzene, 1,3-	4.32	mg/kg	TRG			1.08	Y	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	88-72-2	Nitrotoluene, 2-	4.5	mg/kg	TRG	P	J	1.125	Y	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	99-08-1	Nitrotoluene, 3-	0.612	mg/kg	TRG	P	J	0.153	Y	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	99-99-0	Nitrotoluene, 4-	4.11	mg/kg	TRG	P	J	1.0275	Y	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	99-35-4	Trinitrobenzene, 1,3,5-	53.6	mg/kg	TRG	P	J	13.4	Y	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	118-96-7	Trinitrotoluene, 2,4,6-	885	mg/kg	TRG	D		221.25	Y	EXPLOSIVES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7429-90-5	Aluminum	6000	mg/kg	TRG	E*	J	25	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7440-36-0	Antimony	4.08	mg/kg	TRG	N	J	8.35	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7440-38-2	Arsenic	14.6	mg/kg	TRG	*	J	5	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7440-39-3	Barium	2730	mg/kg	TRG	N	J	20	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7440-41-7	Beryllium	0.541	mg/kg	TRG	B	J	0.65	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7440-43-9	Cadmium	0.658	mg/kg	TRG		J	0.65	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7440-70-2	Calcium	11140	mg/kg	TRG	E	J	50	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7440-47-3	Chromium	114	mg/kg	TRG		J	0.5	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7440-48-4	Cobalt	10.7	mg/kg	TRG	*	J	6.3	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7440-50-8	Copper	1320	mg/kg	TRG	N	J	10	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7439-89-6	Iron	27690	mg/kg	TRG	*	J	25	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7439-92-1	Lead	4510	mg/kg	TRG		J	2.5	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7439-95-4	Magnesium	6300	mg/kg	TRG			50	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7439-96-5	Manganese	213	mg/kg	TRG	N	J	50	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7439-97-6	Mercury	3.71E-02	mg/kg	TRG	*NE	J	0.009275	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7440-02-0	Nickel	89.9	mg/kg	TRG			10	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7440-09-7	Potassium	1580	mg/kg	TRG	N	J	600	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7782-49-2	Selenium	3.39	mg/kg	TRG	*	J	0.75	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7440-22-4	Silver	1.14	mg/kg	TRG			1.3	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7440-23-5	Sodium	730	mg/kg	TRG	*N	J	646	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7440-28-0	Thallium	2.21	mg/kg	TRG			24.3	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7440-62-2	Vanadium	15.2	mg/kg	TRG			2	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	7440-66-6	Zinc	482	mg/kg	TRG	*N	J	10	Y	METALS	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	10-00-4	% moisture	20	Percent	TRG			0	Y	MOISTURE	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	12674-11-2	Aroclor 1016	6.49	mg/kg	TRG	U	U	6.49	N	PEST/PCB	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	11097-69-1	Aroclor 1254	14.2	mg/kg	TRG	U	U	14.2	N	PEST/PCB	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	11096-82-5	Aroclor 1260	8.62	mg/kg	TRG	U	U	8.62	N	PEST/PCB	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	83-32-9	Acenaphthene	4.55	mg/kg	TRG	N	NJ	1.1375	Y	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	208-96-8	Acenaphthylene	4.55	mg/kg	TRG	N	NJ	1.1375	Y	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	120-12-7	Anthracene	0.0169	mg/kg	TRG	U	UJ	0.0169	N	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	56-55-3	Benzo(a)anthracene	0.0445	mg/kg	TRG	N	NJ	0.011125	Y	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	50-32-8	Benzo(a)pyrene	0.0368	mg/kg	TRG	U	UJ	0.0368	N	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	205-99-2	Benzo(b)fluoranthene	0.0248	mg/kg	TRG	J	J	0.0062	Y	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	191-24-2	Benzo(ghi)perylene	0.0529	mg/kg	TRG	U	U	0.0529	N	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	207-08-9	Benzo(k)fluoranthene	0.0138	mg/kg	TRG	U	U	0.0138	N	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	218-01-9	Chrysene	0.113	mg/kg	TRG	J	J	0.02825	Y	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	53-70-3	Dibenz(a,h)anthracene	0.0319	mg/kg	TRG	U	U	0.0319	N	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	121-14-2	Dinitrotoluene, 2,4-	104	mg/kg	TRG	PD	J	26	Y	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	606-20-2	Dinitrotoluene, 2,6-	111	mg/kg	TRG	D		27.75	Y	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	206-44-0	Fluoranthene	0.14	mg/kg	TRG	J	J	0.035	Y	SEMIVOLATILES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	86-73-7	Fluorene	0.306	mg/kg	TRG	J	J	0.0765	Y	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0131	mg/kg	TRG	U	U	0.0131	N	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	85-01-8	Phenanthrene	0.163	mg/kg	TRG	J	J	0.04075	Y	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	129-00-0	Pyrene	0.102	mg/kg	TRG	U	U	0.102	N	SEMIVOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	67-64-1	Acetone	0.00872	mg/kg	TRG	U	U	0.00872	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	71-43-2	Benzene	0.0028	mg/kg	TRG		J	0.0007	Y	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	74-97-5	Bromochloromethane	0.00124	mg/kg	TRG	U	U	0.00124	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	75-27-4	Bromodichloromethane	0.00121	mg/kg	TRG	U	U	0.00121	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	75-25-2	Bromoform	0.00121	mg/kg	TRG	U	U	0.00121	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	74-83-9	Bromomethane	0.00124	mg/kg	TRG	U	U	0.00124	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	78-93-3	Butanone, 2-	0.00927	mg/kg	TRG	U	U	0.00927	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	75-15-0	Carbon disulfide	0.00585	mg/kg	TRG	U	U	0.00585	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	56-23-5	Carbon tetrachloride	0.00121	mg/kg	TRG	U	U	0.00121	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	108-90-7	Chlorobenzene	0.00102	mg/kg	TRG	U	U	0.00102	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	75-00-3	Chloroethane	0.00201	mg/kg	TRG	U	U	0.00201	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	67-66-3	Chloroform	0.00129	mg/kg	TRG	U	U	0.00129	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	74-87-3	Chloromethane	0.000917	mg/kg	TRG	U	U	0.000917	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	110-82-7	Cyclohexane	0.0249	mg/kg	TRG		J	0.006225	Y	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.00186	mg/kg	TRG	U	U	0.00186	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	124-48-1	Dibromochloromethane	0.00124	mg/kg	TRG	U	U	0.00124	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	106-93-4	Dibromoethane, 1,2-	0.00104	mg/kg	TRG	U	U	0.00104	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	95-50-1	Dichlorobenzene, 1,2-	0.00111	mg/kg	TRG	U	UJ	0.00111	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	541-73-1	Dichlorobenzene, 1,3-	0.000764	mg/kg	TRG	U	UJ	0.000764	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	106-46-7	Dichlorobenzene, 1,4-	0.000912	mg/kg	TRG	U	UJ	0.000912	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	75-71-8	Dichlorodifluoromethane	0.00138	mg/kg	TRG	U	UJ	0.00138	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	75-34-3	Dichloroethane, 1,1-	0.0088	mg/kg	TRG			0.0022	Y	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	107-06-2	Dichloroethane, 1,2-	0.00107	mg/kg	TRG	U	U	0.00107	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	75-35-4	Dichloroethene, 1,1-	0.0026	mg/kg	TRG			0.00065	Y	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	156-59-2	Dichloroethene, cis-1,2-	0.00116	mg/kg	TRG	U	U	0.00116	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	156-60-5	Dichloroethene, trans-1,2-	0.00131	mg/kg	TRG	U	U	0.00131	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	78-87-5	Dichloropropane, 1,2-	0.00119	mg/kg	TRG	U	U	0.00119	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	10061-01-5	Dichloropropene, cis-1,3-	0.00107	mg/kg	TRG	U	U	0.00107	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000619	mg/kg	TRG	U	U	0.000619	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	100-41-4	Ethylbenzene	0.000942	mg/kg	TRG	U	U	0.000942	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	591-78-6	Hexanone, 2-	0.00929	mg/kg	TRG	U	U	0.00929	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	98-82-8	Isopropylbenzene	0.00111	mg/kg	TRG	U	UJ	0.00111	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	79-20-9	METHYL ACETATE	0.00818	mg/kg	TRG	U	U	0.00818	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.00131	mg/kg	TRG	U	U	0.00131	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	108-10-1	Methyl-2-pentanone, 4-	0.00993	mg/kg	TRG	U	UJ	0.00993	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	108-87-2	Methylcyclohexane	0.000849	mg/kg	TRG	U	U	0.000849	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	75-09-2	Methylene chloride	0.00334	mg/kg	TRG	U	U	0.00334	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	91-20-3	Naphthalene	15.9	mg/kg	TRG	N	NJ	3.975	Y	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	100-42-5	Styrene	0.000966	mg/kg	TRG	U	U	0.000966	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.00224	mg/kg	TRG	U	UJ	0.00224	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	127-18-4	Tetrachloroethene	0.000942	mg/kg	TRG	U	U	0.000942	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	108-88-3	Toluene	0.00099	mg/kg	TRG	J	J	0.0002475	Y	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000862	mg/kg	TRG	U	UJ	0.000862	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000887	mg/kg	TRG	U	UJ	0.000887	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	71-55-6	Trichloroethane, 1,1,1-	0.106	mg/kg	TRG		J	0.0265	Y	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	79-00-5	Trichloroethane, 1,1,2-	0.00134	mg/kg	TRG	U	U	0.00134	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	79-01-6	Trichloroethene	0.00111	mg/kg	TRG	U	U	0.00111	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	75-69-4	Trichlorofluoromethane	0.00124	mg/kg	TRG	U	U	0.00124	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	75-01-4	Vinyl chloride	0.00139	mg/kg	TRG	U	U	0.00139	N	VOLATILES	P
INSIDE_2BG	TR05-1				SO	26-May-04	1	2	TR05-1-A	REG	1330-20-7	Xylenes, total	0.000966	mg/kg	TRG	U	U	0.000966	N	VOLATILES	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	29	pg/g	TRG		J	7.25	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	20.8	pg/g	TRG			5.2	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	3.02	pg/g	TRG			0.755	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.74	pg/g	TRG		J	0.185	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	48.5	pg/g	TRG			12.125	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	2.14	pg/g	TRG		J	0.535	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	15.3	pg/g	TRG			3.825	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	2.09	pg/g	TRG		J	0.5225	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	3.82	pg/g	TRG		J	0.955	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.7	pg/g	TRG		J	0.175	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	27.4	pg/g	TRG			6.85	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	27.2	pg/g	TRG		J	6.8	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	77.5	pg/g	TRG		J	19.375	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	51207-31-9	2,3,7,8-Tcdf	85.8	pg/g	TRG		J	21.45	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	0.117	pg/g	TRG		U	0.117	N	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	37871-00-4	Heptachlorodibenzo-P-Dioxin	49.9	pg/g	TRG			12.475	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	38998-75-3	Heptachlorodibenzofuran	35.1	pg/g	TRG			8.775	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	18.6	pg/g	TRG			4.65	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	225	pg/g	TRG			56.25	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	3268-87-9	Octachlorodibenzo-P-Dioxin	93.9	pg/g	TRG		J	23.475	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	39001-02-0	Octachlorodibenzofuran	12.9	pg/g	TRG			3.225	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	2.84	pg/g	TRG			0.71	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	444	pg/g	TRG			111	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	1.12	pg/g	TRG			0.28	Y	DIOXIN	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	586	pg/g	TRG			146.5	Y	DIOXIN	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	95-50-1	Dichlorobenzene, 1,2-	0.000749	mg/kg	TRG	U	UJ	0.000749	N	VOLATILES	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	541-73-1	Dichlorobenzene, 1,3-	0.000516	mg/kg	TRG	U	UJ	0.000516	N	VOLATILES	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	106-46-7	Dichlorobenzene, 1,4-	0.000616	mg/kg	TRG	U	UJ	0.000616	N	VOLATILES	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	75-71-8	Dichlorodifluoromethane	0.00165	mg/kg	TRG	U	UJ	0.00165	N	VOLATILES	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	591-78-6	Hexanone, 2-	0.00627	mg/kg	TRG	U	U	0.00627	N	VOLATILES	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	98-82-8	Isopropylbenzene	0.000749	mg/kg	TRG	U	UJ	0.000749	N	VOLATILES	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	108-10-1	Methyl-2-pentanone, 4-	0.0067	mg/kg	TRG	U	UJ	0.0067	N	VOLATILES	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	108-87-2	Methylcyclohexane	0.0239	mg/kg	TRG			0.005975	Y	VOLATILES	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.00151	mg/kg	TRG	U	UJ	0.00151	N	VOLATILES	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000582	mg/kg	TRG	U	UJ	0.000582	N	VOLATILES	P
INSIDE_2BG	TR05-2				SO	19-May-04	1	2	TR05-2-A	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000599	mg/kg	TRG	U	UJ	0.000599	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	39.8	pg/g	TRG		J	9.95	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	30.2	pg/g	TRG			7.55	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	3.43	pg/g	TRG			0.8575	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	1.29	pg/g	TRG		J	0.3225	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	40.8	pg/g	TRG			10.2	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	3.87	pg/g	TRG			0.9675	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	15.4	pg/g	TRG			3.85	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	3.49	pg/g	TRG			0.8725	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	2.38	pg/g	TRG		J	0.595	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	1.39	pg/g	TRG		J	0.3475	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	21.1	pg/g	TRG		J	5.275	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	25.5	pg/g	TRG		J	6.375	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	67.5	pg/g	TRG		J	16.875	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	51207-31-9	2,3,7,8-Tcdf	75.4	pg/g	TRG		J	18.85	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	0.481	pg/g	TRG		J	0.12025	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	37871-00-4	Heptachlorodibenzo-P-Dioxin	71.5	pg/g	TRG			17.875	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	38998-75-3	Heptachlorodibenzofuran	47.2	pg/g	TRG			11.8	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	39.6	pg/g	TRG			9.9	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	186	pg/g	TRG			46.5	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	3268-87-9	Octachlorodibenzo-P-Dioxin	177	pg/g	TRG		J	44.25	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	39001-02-0	Octachlorodibenzofuran	32.6	pg/g	TRG			8.15	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	16.4	pg/g	TRG			4.1	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	328	pg/g	TRG			82	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	7.56	pg/g	TRG			1.89	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	391	pg/g	TRG			97.75	Y	DIOXIN	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	10.6	mg/kg	TRG	P	J	2.65	Y	EXPLOSIVES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	88-72-2	Nitrotoluene, 2-	0.782	mg/kg	TRG	P	J	0.1955	Y	EXPLOSIVES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	99-99-0	Nitrotoluene, 4-	0.444	mg/kg	TRG	P	J	0.111	Y	EXPLOSIVES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	118-96-7	Trinitrotoluene, 2,4,6-	74.9	mg/kg	TRG			18.725	Y	EXPLOSIVES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7429-90-5	Aluminum	11350	mg/kg	TRG	E*	J	25	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7440-36-0	Antimony	2.34	mg/kg	TRG	N	J	8.35	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7440-38-2	Arsenic	12.7	mg/kg	TRG	*	J	5	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7440-39-3	Barium	2490	mg/kg	TRG	N	J	20	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7440-41-7	Beryllium	1.27	mg/kg	TRG			0.65	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7440-43-9	Cadmium	2.04	mg/kg	TRG			0.65	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7440-70-2	Calcium	21120	mg/kg	TRG	E	J	50	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7440-47-3	Chromium	32	mg/kg	TRG			0.5	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7440-48-4	Cobalt	13.4	mg/kg	TRG	*	J	6.3	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7440-50-8	Copper	297	mg/kg	TRG	N	J	10	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7439-89-6	Iron	25460	mg/kg	TRG	*	J	25	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7439-92-1	Lead	3640	mg/kg	TRG			2.5	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7439-95-4	Magnesium	7050	mg/kg	TRG			50	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7439-96-5	Manganese	462	mg/kg	TRG	N	J	50	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7439-97-6	Mercury	0.207	mg/kg	TRG	*NE	J	0.05175	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7440-02-0	Nickel	83.4	mg/kg	TRG			10	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7440-09-7	Potassium	2390	mg/kg	TRG	N	J	600	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7782-49-2	Selenium	2.46	mg/kg	TRG	*	J	0.75	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7440-22-4	Silver	0.989	mg/kg	TRG			1.3	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7440-23-5	Sodium	1390	mg/kg	TRG	*N	J	646	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7440-28-0	Thallium	3.32	mg/kg	TRG			24.3	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7440-62-2	Vanadium	24.2	mg/kg	TRG			2	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	7440-66-6	Zinc	1540	mg/kg	TRG	*N	J	10	Y	METALS	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	10-00-4	% moisture	21.3	Percent	TRG			0	Y	MOISTURE	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	12674-11-2	Aroclor 1016	0.657	mg/kg	TRG	U	U	0.657	N	PEST/PCB	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	11097-69-1	Aroclor 1254	1.66	mg/kg	TRG	J	J	0.415	Y	PEST/PCB	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	11096-82-5	Aroclor 1260	1.87	mg/kg	TRG			0.4675	Y	PEST/PCB	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	83-32-9	Acenaphthene	1.44	mg/kg	TRG	N	NJ	0.36	Y	SEMIVOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	208-96-8	Acenaphthylene	0.226	mg/kg	TRG	J	J	0.0565	Y	SEMIVOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	120-12-7	Anthracene	0.0732	mg/kg	TRG	N	NJ	0.0183	Y	SEMIVOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	56-55-3	Benzo(a)anthracene	0.031	mg/kg	TRG	U	U	0.031	N	SEMIVOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	50-32-8	Benzo(a)pyrene	0.108	mg/kg	TRG	N	NJ	0.027	Y	SEMIVOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	205-99-2	Benzo(b)fluoranthene	0.212	mg/kg	TRG	N	NJ	0.053	Y	SEMIVOLATILES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	191-24-2	Benzo(ghi)perylene	0.0549	mg/kg	TRG	U	U	0.0549	N	SEMIVOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	207-08-9	Benzo(k)fluoranthene	0.469	mg/kg	TRG	N	NJ	0.11725	Y	SEMIVOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	218-01-9	Chrysene	0.128	mg/kg	TRG	J	J	0.032	Y	SEMIVOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	53-70-3	Dibenz(a,h)anthracene	0.302	mg/kg	TRG	N	NJ	0.0755	Y	SEMIVOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	121-14-2	Dinitrotoluene, 2,4-	26.2	mg/kg	TRG	P	J	6.55	Y	SEMIVOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	606-20-2	Dinitrotoluene, 2,6-	10.8	mg/kg	TRG			2.7	Y	SEMIVOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	206-44-0	Fluoranthene	0.718	mg/kg	TRG	N	NJ	0.1795	Y	SEMIVOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	86-73-7	Fluorene	0.166	mg/kg	TRG	J	J	0.0415	Y	SEMIVOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0136	mg/kg	TRG	U	U	0.0136	N	SEMIVOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	85-01-8	Phenanthrene	0.418	mg/kg	TRG	J	J	0.1045	Y	SEMIVOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	129-00-0	Pyrene	0.105	mg/kg	TRG	U	U	0.105	N	SEMIVOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	67-64-1	Acetone	0.00586	mg/kg	TRG	U	U	0.00586	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	71-43-2	Benzene	0.000749	mg/kg	TRG	U	U	0.000749	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	74-97-5	Bromochloromethane	0.000832	mg/kg	TRG	U	U	0.000832	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	75-27-4	Bromodichloromethane	0.000815	mg/kg	TRG	U	U	0.000815	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	75-25-2	Bromoform	0.000815	mg/kg	TRG	U	UJ	0.000815	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	74-83-9	Bromomethane	0.000832	mg/kg	TRG	U	U	0.000832	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	78-93-3	Butanone, 2-	0.00622	mg/kg	TRG	U	U	0.00622	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	75-15-0	Carbon disulfide	0.00393	mg/kg	TRG	U	U	0.00393	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	56-23-5	Carbon tetrachloride	0.000815	mg/kg	TRG	U	U	0.000815	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	108-90-7	Chlorobenzene	0.000682	mg/kg	TRG	U	UJ	0.000682	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	75-00-3	Chloroethane	0.00135	mg/kg	TRG	U	U	0.00135	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	67-66-3	Chloroform	0.000865	mg/kg	TRG	U	U	0.000865	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	74-87-3	Chloromethane	0.000616	mg/kg	TRG	U	U	0.000616	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	110-82-7	Cyclohexane	0.0119	mg/kg	TRG		J	0.002975	Y	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.00125	mg/kg	TRG	U	UJ	0.00125	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	124-48-1	Dibromochloromethane	0.000832	mg/kg	TRG	U	UJ	0.000832	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	106-93-4	Dibromoethane, 1,2-	0.000699	mg/kg	TRG	U	U	0.000699	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	75-34-3	Dichloroethane, 1,1-	0.000782	mg/kg	TRG	U	U	0.000782	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	107-06-2	Dichloroethane, 1,2-	0.000715	mg/kg	TRG	U	U	0.000715	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	75-35-4	Dichloroethene, 1,1-	0.0012	mg/kg	TRG	J	J	0.0003	Y	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	156-59-2	Dichloroethene, cis-1,2-	0.000782	mg/kg	TRG	U	U	0.000782	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	156-60-5	Dichloroethene, trans-1,2-	0.000882	mg/kg	TRG	U	U	0.000882	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	78-87-5	Dichloropropane, 1,2-	0.000799	mg/kg	TRG	U	U	0.000799	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000715	mg/kg	TRG	U	U	0.000715	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000416	mg/kg	TRG	U	U	0.000416	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	100-41-4	Ethylbenzene	0.000632	mg/kg	TRG	U	UJ	0.000632	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	79-20-9	METHYL ACETATE	0.00549	mg/kg	TRG	U	U	0.00549	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000882	mg/kg	TRG	U	U	0.000882	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	75-09-2	Methylene chloride	0.00225	mg/kg	TRG	U	U	0.00225	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	91-20-3	Naphthalene	2.4	mg/kg	TRG	N	NJ	0.6	Y	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	100-42-5	Styrene	0.000649	mg/kg	TRG	U	UJ	0.000649	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	127-18-4	Tetrachloroethene	0.000632	mg/kg	TRG	U	UJ	0.000632	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	108-88-3	Toluene	0.000566	mg/kg	TRG	U	U	0.000566	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	71-55-6	Trichloroethane, 1,1,1-	0.000882	mg/kg	TRG	U	U	0.000882	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	79-00-5	Trichloroethane, 1,1,2-	0.000898	mg/kg	TRG	U	U	0.000898	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	79-01-6	Trichloroethene	0.000749	mg/kg	TRG	U	U	0.000749	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	75-69-4	Trichlorofluoromethane	0.000832	mg/kg	TRG	U	U	0.000832	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	75-01-4	Vinyl chloride	0.000932	mg/kg	TRG	U	U	0.000932	N	VOLATILES	P
INSIDE_2BG	TR06-1				SO	19-May-04	1	1.5	TR06-1-A	REG	1330-20-7	Xylenes, total	0.000649	mg/kg	TRG	U	UJ	0.000649	N	VOLATILES	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	1.57	pg/g	TRG		J	0.3925	Y	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.737	pg/g	TRG		J	0.18425	Y	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.288	pg/g	TRG		U	0.288	N	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.288	pg/g	TRG		U	0.288	N	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.64	pg/g	TRG		J	0.16	Y	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.288	pg/g	TRG		U	0.288	N	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.391	pg/g	TRG		J	0.09775	Y	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.292	pg/g	TRG		J	0.073	Y	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.288	pg/g	TRG		U	0.288	N	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.288	pg/g	TRG		U	0.288	N	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.357	pg/g	TRG		J	0.08925	Y	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.414	pg/g	TRG		J	0.1035	Y	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.817	pg/g	TRG		J	0.20425	Y	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	51207-31-9	2,3,7,8-Tcdf	0.842	pg/g	TRG		J	0.2105	Y	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	0.361	pg/g	TRG		J	0.09025	Y	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	37871-00-4	Heptachlorodibenzo-P-Dioxin	3.08	pg/g	TRG			0.77	Y	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	38998-75-3	Heptachlorodibenzofuran	0.958	pg/g	TRG			0.2395	Y	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	1.44	pg/g	TRG			0.36	Y	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	4.02	pg/g	TRG			1.005	Y	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	3268-87-9	Octachlorodibenzo-P-Dioxin	20.7	pg/g	TRG		J	5.175	Y	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	39001-02-0	Octachlorodibenzofuran	0.626	pg/g	TRG		J	0.1565	Y	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	1.22	pg/g	TRG			0.305	Y	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	6.16	pg/g	TRG			1.54	Y	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	0.509	pg/g	TRG			0.12725	Y	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	4.35	pg/g	TRG			1.0875	Y	DIOXIN	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	95-50-1	Dichlorobenzene, 1,2-	0.000893	mg/kg	TRG	U	U	0.000893	N	VOLATILES	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	541-73-1	Dichlorobenzene, 1,3-	0.000615	mg/kg	TRG	U	U	0.000615	N	VOLATILES	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	106-46-7	Dichlorobenzene, 1,4-	0.000735	mg/kg	TRG	U	U	0.000735	N	VOLATILES	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	75-71-8	Dichlorodifluoromethane	0.00144	mg/kg	TRG	U	UJ	0.00144	N	VOLATILES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	591-78-6	Hexanone, 2-	0.00748	mg/kg	TRG	U	U	0.00748	N	VOLATILES	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	98-82-8	Isopropylbenzene	0.0013	mg/kg	TRG	J	J	0.000325	Y	VOLATILES	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	108-10-1	Methyl-2-pentanone, 4-	0.008	mg/kg	TRG	U	U	0.008	N	VOLATILES	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	108-87-2	Methylcyclohexane	0.0011	mg/kg	TRG	J	J	0.000275	Y	VOLATILES	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.00181	mg/kg	TRG	U	U	0.00181	N	VOLATILES	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000695	mg/kg	TRG	U	U	0.000695	N	VOLATILES	P
INSIDE_2BG	TR06-3				SO	19-May-04	3	3.5	TR06-3-A	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000715	mg/kg	TRG	U	U	0.000715	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	27.9	pg/g	TRG		J	6.975	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	10.8	pg/g	TRG			2.7	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.22	pg/g	TRG			0.305	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.229	pg/g	TRG		U	0.229	N	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	19	pg/g	TRG			4.75	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	1.7	pg/g	TRG		J	0.425	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	8.29	pg/g	TRG			2.0725	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	1.34	pg/g	TRG		J	0.335	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.55	pg/g	TRG		J	0.3875	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.924	pg/g	TRG		J	0.231	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	12.7	pg/g	TRG			3.175	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	12.7	pg/g	TRG		J	3.175	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	36.7	pg/g	TRG		J	9.175	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	51207-31-9	2,3,7,8-Tcdf	39.3	pg/g	TRG		J	9.825	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	0.554	pg/g	TRG		J	0.1385	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	37871-00-4	Heptachlorodibenzo-P-Dioxin	50.6	pg/g	TRG			12.65	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	38998-75-3	Heptachlorodibenzofuran	17.4	pg/g	TRG			4.35	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	13.4	pg/g	TRG			3.35	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	92.6	pg/g	TRG			23.15	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	3268-87-9	Octachlorodibenzo-P-Dioxin	208	pg/g	TRG		J	52	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	39001-02-0	Octachlorodibenzofuran	4.49	pg/g	TRG		J	1.1225	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	4.54	pg/g	TRG			1.135	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	199	pg/g	TRG			49.75	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	2.89	pg/g	TRG			0.7225	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	248	pg/g	TRG			62	Y	DIOXIN	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	56.6	mg/kg	TRG			14.15	Y	EXPLOSIVES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	99-65-0	Dinitrobenzene, 1,3-	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	2691-41-0	HMX	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	88-72-2	Nitrotoluene, 2-	7.04	mg/kg	TRG	P	J	1.76	Y	EXPLOSIVES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	99-08-1	Nitrotoluene, 3-	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	99-99-0	Nitrotoluene, 4-	6.67	mg/kg	TRG	P	J	1.6675	Y	EXPLOSIVES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	121-82-4	RDX	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	479-45-8	Tetryl	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	99-35-4	Trinitrobenzene, 1,3,5-	85.4	mg/kg	TRG	P	J	21.35	Y	EXPLOSIVES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	118-96-7	Trinitrotoluene, 2,4,6-	9580	mg/kg	TRG	D		2395	Y	EXPLOSIVES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7429-90-5	Aluminum	4640	mg/kg	TRG	E*	J	25	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7440-36-0	Antimony	1.77	mg/kg	TRG	N	J	8.35	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7440-38-2	Arsenic	8.43	mg/kg	TRG	*	J	5	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7440-39-3	Barium	176	mg/kg	TRG	N	J	20	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7440-41-7	Beryllium	0.859	mg/kg	TRG			0.65	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7440-43-9	Cadmium	1.83	mg/kg	TRG			0.65	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7440-70-2	Calcium	13930	mg/kg	TRG	E	J	50	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7440-47-3	Chromium	8.86	mg/kg	TRG			0.5	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7440-48-4	Cobalt	25.2	mg/kg	TRG	*	J	6.3	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7440-50-8	Copper	187	mg/kg	TRG	N	J	10	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7439-89-6	Iron	13130	mg/kg	TRG	*	J	25	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7439-92-1	Lead	891	mg/kg	TRG			2.5	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7439-95-4	Magnesium	2550	mg/kg	TRG			50	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7439-96-5	Manganese	152	mg/kg	TRG	N	J	50	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7439-97-6	Mercury	0.104	mg/kg	TRG	*NE	J	0.026	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7440-02-0	Nickel	103	mg/kg	TRG			10	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7440-09-7	Potassium	1140	mg/kg	TRG	N	J	600	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7782-49-2	Selenium	0.564	mg/kg	TRG	B*	J	0.75	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7440-22-4	Silver	0.437	mg/kg	TRG	B	J	1.3	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7440-23-5	Sodium	592	mg/kg	TRG	*N	J	646	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7440-28-0	Thallium	2.13	mg/kg	TRG			24.3	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7440-62-2	Vanadium	10.5	mg/kg	TRG			2	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	7440-66-6	Zinc	710	mg/kg	TRG	*N	J	10	Y	METALS	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	10-00-4	% moisture	26.7	Percent	TRG			0	Y	MOISTURE	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	12674-11-2	Aroclor 1016	0.348	mg/kg	TRG	U	U	0.348	N	PEST/PCB	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	11097-69-1	Aroclor 1254	0.762	mg/kg	TRG	U	U	0.762	N	PEST/PCB	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	11096-82-5	Aroclor 1260	0.632	mg/kg	TRG	J	J	0.158	Y	PEST/PCB	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	83-32-9	Acenaphthene	40.7	mg/kg	TRG	N	NJ	10.175	Y	SEMIVOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	208-96-8	Acenaphthylene	19.6	mg/kg	TRG	N	NJ	4.9	Y	SEMIVOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	120-12-7	Anthracene	0.0357	mg/kg	TRG	U	UJ	0.0357	N	SEMIVOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	56-55-3	Benzo(a)anthracene	0.275	mg/kg	TRG	N	NJ	0.06875	Y	SEMIVOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	50-32-8	Benzo(a)pyrene	0.0778	mg/kg	TRG	U	UJ	0.0778	N	SEMIVOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	205-99-2	Benzo(b)fluoranthene	0.0365	mg/kg	TRG	J	J	0.009125	Y	SEMIVOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	191-24-2	Benzo(ghi)perylene	0.112	mg/kg	TRG	U	U	0.112	N	SEMIVOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	207-08-9	Benzo(k)fluoranthene	0.0423	mg/kg	TRG	J	J	0.010575	Y	SEMIVOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	218-01-9	Chrysene	0.119	mg/kg	TRG	J	J	0.02975	Y	SEMIVOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	53-70-3	Dibenz(a,h)anthracene	0.0674	mg/kg	TRG	U	U	0.0674	N	SEMIVOLATILES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	121-14-2	Dinitrotoluene, 2,4-	632	mg/kg	TRG	PD		158	Y	SEMIVOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	606-20-2	Dinitrotoluene, 2,6-	402	mg/kg	TRG			100.5	Y	SEMIVOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	206-44-0	Fluoranthene	0.72	mg/kg	TRG	J	J	0.18	Y	SEMIVOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	86-73-7	Fluorene	0.194	mg/kg	TRG	U	U	0.194	N	SEMIVOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0276	mg/kg	TRG	U	U	0.0276	N	SEMIVOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	98-95-3	Nitrobenzene	0.625	mg/kg	TRG	U	U	0.625	N	SEMIVOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	85-01-8	Phenanthrene	1.01	mg/kg	TRG	N	NJ	0.2525	Y	SEMIVOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	129-00-0	Pyrene	0.215	mg/kg	TRG	U	U	0.215	N	SEMIVOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	67-64-1	Acetone	0.0087	mg/kg	TRG	J	B	0.002175	Y	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	71-43-2	Benzene	0.0028	mg/kg	TRG			0.0007	Y	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	74-97-5	Bromochloromethane	0.000993	mg/kg	TRG	U	U	0.000993	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	75-27-4	Bromodichloromethane	0.000973	mg/kg	TRG	U	U	0.000973	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	75-25-2	Bromoform	0.000973	mg/kg	TRG	U	U	0.000973	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	74-83-9	Bromomethane	0.000993	mg/kg	TRG	U	U	0.000993	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	78-93-3	Butanone, 2-	0.00743	mg/kg	TRG	U	U	0.00743	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	75-15-0	Carbon disulfide	0.00469	mg/kg	TRG	U	U	0.00469	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	56-23-5	Carbon tetrachloride	0.000973	mg/kg	TRG	U	U	0.000973	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	108-90-7	Chlorobenzene	0.000814	mg/kg	TRG	U	U	0.000814	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	75-00-3	Chloroethane	0.00161	mg/kg	TRG	U	U	0.00161	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	67-66-3	Chloroform	0.00103	mg/kg	TRG	U	U	0.00103	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	74-87-3	Chloromethane	0.000735	mg/kg	TRG	U	U	0.000735	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	110-82-7	Cyclohexane	0.0166	mg/kg	TRG		J	0.00415	Y	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.00149	mg/kg	TRG	U	U	0.00149	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	124-48-1	Dibromochloromethane	0.000993	mg/kg	TRG	U	U	0.000993	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	106-93-4	Dibromoethane, 1,2-	0.000834	mg/kg	TRG	U	U	0.000834	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	75-34-3	Dichloroethane, 1,1-	0.000933	mg/kg	TRG	U	U	0.000933	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	107-06-2	Dichloroethane, 1,2-	0.000854	mg/kg	TRG	U	U	0.000854	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	75-35-4	Dichloroethene, 1,1-	0.000993	mg/kg	TRG	U	U	0.000993	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	156-59-2	Dichloroethene, cis-1,2-	0.000933	mg/kg	TRG	U	U	0.000933	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	156-60-5	Dichloroethene, trans-1,2-	0.00105	mg/kg	TRG	U	U	0.00105	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	78-87-5	Dichloropropane, 1,2-	0.000953	mg/kg	TRG	U	U	0.000953	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000854	mg/kg	TRG	U	U	0.000854	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000496	mg/kg	TRG	U	U	0.000496	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	100-41-4	Ethylbenzene	0.0023	mg/kg	TRG			0.000575	Y	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	79-20-9	METHYL ACETATE	0.00655	mg/kg	TRG	U	U	0.00655	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.00105	mg/kg	TRG	U	U	0.00105	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	75-09-2	Methylene chloride	0.00268	mg/kg	TRG	U	U	0.00268	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	91-20-3	Naphthalene	20.7	mg/kg	TRG	N	NJ	5.175	Y	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	100-42-5	Styrene	0.000774	mg/kg	TRG	U	U	0.000774	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	127-18-4	Tetrachloroethene	0.000754	mg/kg	TRG	U	U	0.000754	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	108-88-3	Toluene	0.0795	mg/kg	TRG			0.019875	Y	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	71-55-6	Trichloroethane, 1,1,1-	0.00105	mg/kg	TRG	U	U	0.00105	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	79-00-5	Trichloroethane, 1,1,2-	0.00107	mg/kg	TRG	U	U	0.00107	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	79-01-6	Trichloroethene	0.000893	mg/kg	TRG	U	U	0.000893	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	75-69-4	Trichlorofluoromethane	0.000993	mg/kg	TRG	U	U	0.000993	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	75-01-4	Vinyl chloride	0.00111	mg/kg	TRG	U	U	0.00111	N	VOLATILES	P
INSIDE_2BG	TR07-1				SO	19-May-04	1.5	2	TR07-1-A	REG	1330-20-7	Xylenes, total	0.0125	mg/kg	TRG			0.003125	Y	VOLATILES	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.573	pg/g	TRG		J	0.14325	Y	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.249	pg/g	TRG		U	0.249	N	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.249	pg/g	TRG	U	U	0.249	N	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.249	pg/g	TRG	U	U	0.249	N	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.249	pg/g	TRG	U	U	0.249	N	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.249	pg/g	TRG	U	U	0.249	N	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.249	pg/g	TRG		U	0.249	N	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.249	pg/g	TRG		U	0.249	N	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.249	pg/g	TRG	U	UJ	0.249	N	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.249	pg/g	TRG		U	0.249	N	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.249	pg/g	TRG		U	0.249	N	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.249	pg/g	TRG	U	UJ	0.249	N	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.249	pg/g	TRG		U	0.249	N	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	51207-31-9	2,3,7,8-Tcdf	0.0995	pg/g	TRG		U	0.0995	N	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	0.826	pg/g	TRG		J	0.2065	Y	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	37871-00-4	Heptachlorodibenzo-P-Dioxin	1.2	pg/g	TRG			0.3	Y	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	38998-75-3	Heptachlorodibenzofuran	0.249	pg/g	TRG	U	U	0.249	N	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	2.68	pg/g	TRG			0.67	Y	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	0.249	pg/g	TRG	U	U	0.249	N	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	3268-87-9	Octachlorodibenzo-P-Dioxin	2.29	pg/g	TRG		J	0.5725	Y	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	39001-02-0	Octachlorodibenzofuran	0.498	pg/g	TRG	U	U	0.498	N	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	3.71	pg/g	TRG			0.9275	Y	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	0.249	pg/g	TRG	U	U	0.249	N	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	1.27	pg/g	TRG			0.3175	Y	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	0.587	pg/g	TRG			0.14675	Y	DIOXIN	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	95-50-1	Dichlorobenzene, 1,2-	0.000778	mg/kg	TRG	U	U	0.000778	N	VOLATILES	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	541-73-1	Dichlorobenzene, 1,3-	0.000536	mg/kg	TRG	U	U	0.000536	N	VOLATILES	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	106-46-7	Dichlorobenzene, 1,4-	0.00064	mg/kg	TRG	U	U	0.00064	N	VOLATILES	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	75-71-8	Dichlorodifluoromethane	0.00182	mg/kg	TRG	U	UJ	0.00182	N	VOLATILES	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	591-78-6	Hexanone, 2-	0.00652	mg/kg	TRG	U	U	0.00652	N	VOLATILES	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	98-82-8	Isopropylbenzene	0.000778	mg/kg	TRG	U	U	0.000778	N	VOLATILES	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	108-10-1	Methyl-2-pentanone, 4-	0.00697	mg/kg	TRG	U	U	0.00697	N	VOLATILES	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	108-87-2	Methylcyclohexane	0.00112	mg/kg	TRG	U	U	0.00112	N	VOLATILES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.00157	mg/kg	TRG	U	U	0.00157	N	VOLATILES	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000605	mg/kg	TRG	U	U	0.000605	N	VOLATILES	P
INSIDE_2BG	TR07-3				SO	19-May-04	3	3.5	TR07-3-A	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000623	mg/kg	TRG	U	U	0.000623	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	117	pg/g	TRG		J	29.25	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	73.8	pg/g	TRG			18.45	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	9.97	pg/g	TRG			2.4925	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	1.94	pg/g	TRG		J	0.485	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	181	pg/g	TRG			45.25	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	5.78	pg/g	TRG			1.445	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	55.8	pg/g	TRG			13.95	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	6.78	pg/g	TRG			1.695	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	15.7	pg/g	TRG		J	3.925	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	1.82	pg/g	TRG		J	0.455	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	89.4	pg/g	TRG			22.35	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	1.75	pg/g	TRG		UJ	1.75	N	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	287	pg/g	TRG		J	71.75	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	51207-31-9	2,3,7,8-Tcdf	299	pg/g	TRG		J	74.75	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	0.651	pg/g	TRG		J	0.16275	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	37871-00-4	Heptachlorodibenzo-P-Dioxin	217	pg/g	TRG			54.25	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	38998-75-3	Heptachlorodibenzofuran	130	pg/g	TRG			32.5	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	56.9	pg/g	TRG			14.225	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	719	pg/g	TRG			179.75	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	3268-87-9	Octachlorodibenzo-P-Dioxin	816	pg/g	TRG		J	204	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	39001-02-0	Octachlorodibenzofuran	39.5	pg/g	TRG			9.875	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	18.3	pg/g	TRG			4.575	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	1520	pg/g	TRG			380	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	9.58	pg/g	TRG			2.395	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	1840	pg/g	TRG			460	Y	DIOXIN	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	12.5	mg/kg	TRG	U	U	12.5	N	EXPLOSIVES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	342	mg/kg	TRG			85.5	Y	EXPLOSIVES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	99-65-0	Dinitrobenzene, 1,3-	12.5	mg/kg	TRG	U	U	12.5	N	EXPLOSIVES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	2691-41-0	HMX	12.5	mg/kg	TRG	U	U	12.5	N	EXPLOSIVES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	88-72-2	Nitrotoluene, 2-	12.5	mg/kg	TRG	U	U	12.5	N	EXPLOSIVES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	99-08-1	Nitrotoluene, 3-	12.5	mg/kg	TRG	U	U	12.5	N	EXPLOSIVES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	99-99-0	Nitrotoluene, 4-	12.5	mg/kg	TRG	U	U	12.5	N	EXPLOSIVES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	121-82-4	RDX	12.5	mg/kg	TRG	U	U	12.5	N	EXPLOSIVES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	479-45-8	Tetryl	12.5	mg/kg	TRG	U	U	12.5	N	EXPLOSIVES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	99-35-4	Trinitrobenzene, 1,3,5-	46.1	mg/kg	TRG			11.525	Y	EXPLOSIVES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	118-96-7	Trinitrotoluene, 2,4,6-	35400	mg/kg	TRG	D		8850	Y	EXPLOSIVES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7429-90-5	Aluminum	8990	mg/kg	TRG	E*	J	25	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7440-36-0	Antimony	1.29	mg/kg	TRG	N	J	8.35	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7440-38-2	Arsenic	27.8	mg/kg	TRG	*	J	5	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7440-39-3	Barium	164	mg/kg	TRG	N	J	20	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7440-41-7	Beryllium	0.849	mg/kg	TRG			0.65	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7440-43-9	Cadmium	6.57E-02	mg/kg	TRG	B	J	0.65	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7440-70-2	Calcium	3430	mg/kg	TRG	E	J	50	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7440-47-3	Chromium	18.2	mg/kg	TRG			0.5	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7440-48-4	Cobalt	12.8	mg/kg	TRG	*	J	6.3	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7440-50-8	Copper	159	mg/kg	TRG	N	J	10	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7439-89-6	Iron	36260	mg/kg	TRG	*	J	25	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7439-92-1	Lead	560	mg/kg	TRG			2.5	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7439-95-4	Magnesium	2910	mg/kg	TRG			50	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7439-96-5	Manganese	184	mg/kg	TRG	N	J	50	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7439-97-6	Mercury	0.12	mg/kg	TRG	*NE	J	0.03	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7440-02-0	Nickel	48	mg/kg	TRG			10	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7440-09-7	Potassium	2450	mg/kg	TRG	N	J	600	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7782-49-2	Selenium	3.81	mg/kg	TRG	*	J	0.75	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7440-22-4	Silver	0.58	mg/kg	TRG	B	J	1.3	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7440-23-5	Sodium	800	mg/kg	TRG	*N	J	646	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7440-28-0	Thallium	1.91	mg/kg	TRG			24.3	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7440-62-2	Vanadium	21.3	mg/kg	TRG			2	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	7440-66-6	Zinc	250	mg/kg	TRG	*N	J	10	Y	METALS	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	10-00-4	% moisture	28.4	Percent	TRG			0	Y	MOISTURE	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	12674-11-2	Aroclor 1016	1.43	mg/kg	TRG	U	U	1.43	N	PEST/PCB	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	11097-69-1	Aroclor 1254	3.67	mg/kg	TRG	J	J	0.9175	Y	PEST/PCB	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	11096-82-5	Aroclor 1260	4.01	mg/kg	TRG			1.0025	Y	PEST/PCB	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	83-32-9	Acenaphthene	67.4	mg/kg	TRG	N	NJ	16.85	Y	SEMIVOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	208-96-8	Acenaphthylene	131	mg/kg	TRG	N	NJ	32.75	Y	SEMIVOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	120-12-7	Anthracene	0.191	mg/kg	TRG	U	UJ	0.191	N	SEMIVOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	56-55-3	Benzo(a)anthracene	0.501	mg/kg	TRG	N	NJ	0.12525	Y	SEMIVOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	50-32-8	Benzo(a)pyrene	0.418	mg/kg	TRG	U	UJ	0.418	N	SEMIVOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	205-99-2	Benzo(b)fluoranthene	0.188	mg/kg	TRG	J	J	0.047	Y	SEMIVOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	191-24-2	Benzo(ghi)perylene	0.601	mg/kg	TRG	U	U	0.601	N	SEMIVOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	207-08-9	Benzo(k)fluoranthene	0.157	mg/kg	TRG	U	U	0.157	N	SEMIVOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	218-01-9	Chrysene	0.928	mg/kg	TRG	J	J	0.232	Y	SEMIVOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	53-70-3	Dibenz(a,h)anthracene	0.362	mg/kg	TRG	U	U	0.362	N	SEMIVOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	121-14-2	Dinitrotoluene, 2,4-	9700	mg/kg	TRG	P	J	2425	Y	SEMIVOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	606-20-2	Dinitrotoluene, 2,6-	12.5	mg/kg	TRG	U	U	12.5	N	SEMIVOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	206-44-0	Fluoranthene	0.973	mg/kg	TRG	U	U	0.973	N	SEMIVOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	86-73-7	Fluorene	1.04	mg/kg	TRG	U	U	1.04	N	SEMIVOLATILES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.148	mg/kg	TRG	U	U	0.148	N	SEMIVOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	98-95-3	Nitrobenzene	12.5	mg/kg	TRG	U	U	12.5	N	SEMIVOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	85-01-8	Phenanthrene	1.39	mg/kg	TRG	J	J	0.3475	Y	SEMIVOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	129-00-0	Pyrene	1.15	mg/kg	TRG	U	U	1.15	N	SEMIVOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	67-64-1	Acetone	0.00609	mg/kg	TRG	U	U	0.00609	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	71-43-2	Benzene	0.0014	mg/kg	TRG	J	J	0.00035	Y	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	74-97-5	Bromochloromethane	0.000865	mg/kg	TRG	U	U	0.000865	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	75-27-4	Bromodichloromethane	0.000848	mg/kg	TRG	U	U	0.000848	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	75-25-2	Bromoform	0.000848	mg/kg	TRG	U	U	0.000848	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	74-83-9	Bromomethane	0.000865	mg/kg	TRG	U	U	0.000865	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	78-93-3	Butanone, 2-	0.00647	mg/kg	TRG	U	U	0.00647	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	75-15-0	Carbon disulfide	0.00408	mg/kg	TRG	U	U	0.00408	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	56-23-5	Carbon tetrachloride	0.000848	mg/kg	TRG	U	U	0.000848	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	108-90-7	Chlorobenzene	0.000709	mg/kg	TRG	U	U	0.000709	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	75-00-3	Chloroethane	0.0014	mg/kg	TRG	U	U	0.0014	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	67-66-3	Chloroform	0.0009	mg/kg	TRG	U	U	0.0009	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	74-87-3	Chloromethane	0.00064	mg/kg	TRG	U	U	0.00064	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	110-82-7	Cyclohexane	0.00083	mg/kg	TRG	U	UJ	0.00083	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.0013	mg/kg	TRG	U	U	0.0013	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	124-48-1	Dibromochloromethane	0.000865	mg/kg	TRG	U	U	0.000865	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	106-93-4	Dibromoethane, 1,2-	0.000727	mg/kg	TRG	U	U	0.000727	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	75-34-3	Dichloroethane, 1,1-	0.000813	mg/kg	TRG	U	U	0.000813	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	107-06-2	Dichloroethane, 1,2-	0.000744	mg/kg	TRG	U	U	0.000744	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	75-35-4	Dichloroethene, 1,1-	0.000865	mg/kg	TRG	U	U	0.000865	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	156-59-2	Dichloroethene, cis-1,2-	0.000813	mg/kg	TRG	U	U	0.000813	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	156-60-5	Dichloroethene, trans-1,2-	0.000917	mg/kg	TRG	U	U	0.000917	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	78-87-5	Dichloropropane, 1,2-	0.00083	mg/kg	TRG	U	U	0.00083	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000744	mg/kg	TRG	U	U	0.000744	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000432	mg/kg	TRG	U	U	0.000432	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	100-41-4	Ethylbenzene	0.000657	mg/kg	TRG	U	U	0.000657	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	79-20-9	METHYL ACETATE	0.00571	mg/kg	TRG	U	U	0.00571	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000917	mg/kg	TRG	U	U	0.000917	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	75-09-2	Methylene chloride	0.00234	mg/kg	TRG	U	U	0.00234	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	91-20-3	Naphthalene	51.3	mg/kg	TRG	N	NJ	12.825	Y	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	100-42-5	Styrene	0.000675	mg/kg	TRG	U	U	0.000675	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	127-18-4	Tetrachloroethene	0.000657	mg/kg	TRG	U	U	0.000657	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	108-88-3	Toluene	0.0011	mg/kg	TRG	J	J	0.000275	Y	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	71-55-6	Trichloroethane, 1,1,1-	0.000917	mg/kg	TRG	U	U	0.000917	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	79-00-5	Trichloroethane, 1,1,2-	0.000934	mg/kg	TRG	U	U	0.000934	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	79-01-6	Trichloroethene	0.000778	mg/kg	TRG	U	U	0.000778	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	75-69-4	Trichlorofluoromethane	0.000865	mg/kg	TRG	U	U	0.000865	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	75-01-4	Vinyl chloride	0.000969	mg/kg	TRG	U	U	0.000969	N	VOLATILES	P
INSIDE_2BG	TR08-1				SO	19-May-04	1	2	TR08-1-A	REG	1330-20-7	Xylenes, total	0.00078	mg/kg	TRG	J	J	0.000195	Y	VOLATILES	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	46.8	pg/g	TRG		J	11.7	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	5.71	pg/g	TRG			1.4275	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.915	pg/g	TRG		J	0.22875	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	1.01	pg/g	TRG		J	0.2525	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	11.8	pg/g	TRG			2.95	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	3.11	pg/g	TRG		J	0.7775	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	4.51	pg/g	TRG			1.1275	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	3.08	pg/g	TRG		J	0.77	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.48	pg/g	TRG		J	0.37	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.81	pg/g	TRG		J	0.2025	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	17.7	pg/g	TRG			4.425	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	7.3	pg/g	TRG		J	1.825	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	23	pg/g	TRG		J	5.75	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	51207-31-9	2,3,7,8-Tcdf	67.6	pg/g	TRG		J	16.9	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	0.495	pg/g	TRG		J	0.12375	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	37871-00-4	Heptachlorodibenzo-P-Dioxin	81.3	pg/g	TRG			20.325	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	38998-75-3	Heptachlorodibenzofuran	11.5	pg/g	TRG			2.875	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	28.6	pg/g	TRG			7.15	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	55.9	pg/g	TRG			13.975	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	3268-87-9	Octachlorodibenzo-P-Dioxin	136	pg/g	TRG		J	34	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	39001-02-0	Octachlorodibenzofuran	3.47	pg/g	TRG		J	0.8675	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	8.02	pg/g	TRG			2.005	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	167	pg/g	TRG			41.75	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	2.98	pg/g	TRG			0.745	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	493	pg/g	TRG			123.25	Y	DIOXIN	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	95-50-1	Dichlorobenzene, 1,2-	0.000985	mg/kg	TRG	U	U	0.000985	N	VOLATILES	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	541-73-1	Dichlorobenzene, 1,3-	0.000679	mg/kg	TRG	U	U	0.000679	N	VOLATILES	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	106-46-7	Dichlorobenzene, 1,4-	0.00081	mg/kg	TRG	U	U	0.00081	N	VOLATILES	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	591-78-6	Hexanone, 2-	0.00825	mg/kg	TRG	U	U	0.00825	N	VOLATILES	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	98-82-8	Isopropylbenzene	0.000985	mg/kg	TRG	U	U	0.000985	N	VOLATILES	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	108-10-1	Methyl-2-pentanone, 4-	0.00882	mg/kg	TRG	U	U	0.00882	N	VOLATILES	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.00199	mg/kg	TRG	U	U	0.00199	N	VOLATILES	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000766	mg/kg	TRG	U	U	0.000766	N	VOLATILES	P
INSIDE_2BG	TR08-2				SO	19-May-04	1	2	TR08-2-A	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000788	mg/kg	TRG	U	U	0.000788	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	68.1	pg/g	TRG		J	17.025	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	50	pg/g	TRG			12.5	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	6.8	pg/g	TRG			1.7	Y	DIOXIN	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	1.64	pg/g	TRG		J	0.41	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	107	pg/g	TRG			26.75	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	5.25	pg/g	TRG			1.3125	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	41.9	pg/g	TRG			10.475	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	4.92	pg/g	TRG			1.23	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	14.9	pg/g	TRG		J	3.725	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	1.53	pg/g	TRG		J	0.3825	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	70.8	pg/g	TRG			17.7	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	77.2	pg/g	TRG		J	19.3	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	222	pg/g	TRG		J	55.5	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	51207-31-9	2,3,7,8-Tcdf	225	pg/g	TRG		J	56.25	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	1.03	pg/g	TRG			0.2575	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	37871-00-4	Heptachlorodibenzo-P-Dioxin	122	pg/g	TRG			30.5	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	38998-75-3	Heptachlorodibenzofuran	83.5	pg/g	TRG			20.875	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	48.8	pg/g	TRG			12.2	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	556	pg/g	TRG			139	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	3268-87-9	Octachlorodibenzo-P-Dioxin	426	pg/g	TRG		J	106.5	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	39001-02-0	Octachlorodibenzofuran	17.6	pg/g	TRG			4.4	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	14.5	pg/g	TRG			3.625	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	1120	pg/g	TRG			280	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	5.02	pg/g	TRG			1.255	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	1430	pg/g	TRG			357.5	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	12.5	mg/kg	TRG	U	U	12.5	N	EXPLOSIVES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	95.5	mg/kg	TRG			23.875	Y	EXPLOSIVES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	99-65-0	Dinitrobenzene, 1,3-	12.5	mg/kg	TRG	U	U	12.5	N	EXPLOSIVES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	2691-41-0	HMX	12.5	mg/kg	TRG	U	U	12.5	N	EXPLOSIVES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	88-72-2	Nitrotoluene, 2-	12.5	mg/kg	TRG	U	U	12.5	N	EXPLOSIVES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	99-08-1	Nitrotoluene, 3-	12.5	mg/kg	TRG	U	U	12.5	N	EXPLOSIVES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	99-99-0	Nitrotoluene, 4-	12.5	mg/kg	TRG	U	U	12.5	N	EXPLOSIVES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	121-82-4	RDX	12.5	mg/kg	TRG	U	U	12.5	N	EXPLOSIVES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	479-45-8	Tetryl	12.5	mg/kg	TRG	U	U	12.5	N	EXPLOSIVES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	99-35-4	Trinitrobenzene, 1,3,5-	12.5	mg/kg	TRG	U	U	12.5	N	EXPLOSIVES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	118-96-7	Trinitrotoluene, 2,4,6-	28700	mg/kg	TRG	D		7175	Y	EXPLOSIVES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7429-90-5	Aluminum	8320	mg/kg	TRG	E*	J	25	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7440-36-0	Antimony	2.21	mg/kg	TRG	N	J	8.35	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7440-38-2	Arsenic	8.13	mg/kg	TRG	*	J	5	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7440-39-3	Barium	256	mg/kg	TRG	N	J	20	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7440-41-7	Beryllium	0.628	mg/kg	TRG	B	J	0.65	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7440-43-9	Cadmium	0.568	mg/kg	TRG	B	J	0.65	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7440-70-2	Calcium	10910	mg/kg	TRG	E	J	50	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7440-47-3	Chromium	18.4	mg/kg	TRG			0.5	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7440-48-4	Cobalt	7.71	mg/kg	TRG	*	J	6.3	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7440-50-8	Copper	69.7	mg/kg	TRG	N	J	10	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7439-89-6	Iron	23690	mg/kg	TRG	*	J	25	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7439-92-1	Lead	551	mg/kg	TRG			2.5	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7439-95-4	Magnesium	4110	mg/kg	TRG			50	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7439-96-5	Manganese	294	mg/kg	TRG	N	J	50	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7439-97-6	Mercury	0.184	mg/kg	TRG	*NE	J	0.046	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7440-02-0	Nickel	29.1	mg/kg	TRG			10	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7440-09-7	Potassium	1500	mg/kg	TRG	N	J	600	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7782-49-2	Selenium	1.57	mg/kg	TRG	*	J	0.75	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7440-22-4	Silver	0.52	mg/kg	TRG	B	J	1.3	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7440-23-5	Sodium	764	mg/kg	TRG	*N	J	646	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7440-28-0	Thallium	2.44	mg/kg	TRG			24.3	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7440-62-2	Vanadium	23.4	mg/kg	TRG			2	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	7440-66-6	Zinc	267	mg/kg	TRG	*N	J	10	Y	METALS	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	10-00-4	% moisture	20	Percent	TRG			0	Y	MOISTURE	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	12674-11-2	Aroclor 1016	0.648	mg/kg	TRG	U	U	0.648	N	PEST/PCB	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	11097-69-1	Aroclor 1254	1.42	mg/kg	TRG	U	U	1.42	N	PEST/PCB	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	11096-82-5	Aroclor 1260	1.22	mg/kg	TRG	J	J	0.305	Y	PEST/PCB	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	83-32-9	Acenaphthene	20.7	mg/kg	TRG	N	NJ	5.175	Y	SEMIVOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	208-96-8	Acenaphthylene	115	mg/kg	TRG	N	NJ	28.75	Y	SEMIVOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	120-12-7	Anthracene	0.17	mg/kg	TRG	U	UJ	0.17	N	SEMIVOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	56-55-3	Benzo(a)anthracene	0.3	mg/kg	TRG	U	U	0.3	N	SEMIVOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	50-32-8	Benzo(a)pyrene	0.37	mg/kg	TRG	U	UJ	0.37	N	SEMIVOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	205-99-2	Benzo(b)fluoranthene	0.146	mg/kg	TRG	U	U	0.146	N	SEMIVOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	191-24-2	Benzo(ghi)perylene	0.532	mg/kg	TRG	U	U	0.532	N	SEMIVOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	207-08-9	Benzo(k)fluoranthene	0.139	mg/kg	TRG	U	U	0.139	N	SEMIVOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	218-01-9	Chrysene	0.308	mg/kg	TRG	J	J	0.077	Y	SEMIVOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	53-70-3	Dibenz(a,h)anthracene	0.321	mg/kg	TRG	U	U	0.321	N	SEMIVOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	121-14-2	Dinitrotoluene, 2,4-	6770	mg/kg	TRG	P	J	1692.5	Y	SEMIVOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	606-20-2	Dinitrotoluene, 2,6-	1400	mg/kg	TRG			350	Y	SEMIVOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	206-44-0	Fluoranthene	0.862	mg/kg	TRG	U	U	0.862	N	SEMIVOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	86-73-7	Fluorene	0.922	mg/kg	TRG	U	U	0.922	N	SEMIVOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.132	mg/kg	TRG	U	U	0.132	N	SEMIVOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	98-95-3	Nitrobenzene	12.5	mg/kg	TRG	U	U	12.5	N	SEMIVOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	85-01-8	Phenanthrene	1.55	mg/kg	TRG	J	J	0.3875	Y	SEMIVOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	129-00-0	Pyrene	1.02	mg/kg	TRG	U	U	1.02	N	SEMIVOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	67-64-1	Acetone	0.00771	mg/kg	TRG	U	U	0.00771	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	71-43-2	Benzene	0.0026	mg/kg	TRG			0.00065	Y	VOLATILES	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	74-97-5	Bromochloromethane	0.00109	mg/kg	TRG	U	U	0.00109	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	75-27-4	Bromodichloromethane	0.00107	mg/kg	TRG	U	U	0.00107	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	75-25-2	Bromoform	0.00107	mg/kg	TRG	U	U	0.00107	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	74-83-9	Bromomethane	0.00109	mg/kg	TRG	U	U	0.00109	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	78-93-3	Butanone, 2-	0.00819	mg/kg	TRG	U	U	0.00819	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	75-15-0	Carbon disulfide	0.00517	mg/kg	TRG	U	U	0.00517	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	56-23-5	Carbon tetrachloride	0.00107	mg/kg	TRG	U	U	0.00107	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	108-90-7	Chlorobenzene	0.000898	mg/kg	TRG	U	U	0.000898	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	75-00-3	Chloroethane	0.00177	mg/kg	TRG	U	U	0.00177	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	67-66-3	Chloroform	0.00114	mg/kg	TRG	U	U	0.00114	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	74-87-3	Chloromethane	0.00081	mg/kg	TRG	U	U	0.00081	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	110-82-7	Cyclohexane	0.00105	mg/kg	TRG	U	UJ	0.00105	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.00164	mg/kg	TRG	U	U	0.00164	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	124-48-1	Dibromochloromethane	0.00109	mg/kg	TRG	U	U	0.00109	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	106-93-4	Dibromoethane, 1,2-	0.000919	mg/kg	TRG	U	U	0.000919	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	75-34-3	Dichloroethane, 1,1-	0.00103	mg/kg	TRG	U	U	0.00103	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	107-06-2	Dichloroethane, 1,2-	0.000941	mg/kg	TRG	U	U	0.000941	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	75-35-4	Dichloroethene, 1,1-	0.00109	mg/kg	TRG	U	U	0.00109	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	156-59-2	Dichloroethene, cis-1,2-	0.00103	mg/kg	TRG	U	U	0.00103	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	156-60-5	Dichloroethene, trans-1,2-	0.00116	mg/kg	TRG	U	U	0.00116	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	78-87-5	Dichloropropane, 1,2-	0.00105	mg/kg	TRG	U	U	0.00105	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000941	mg/kg	TRG	U	U	0.000941	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000547	mg/kg	TRG	U	U	0.000547	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	100-41-4	Ethylbenzene	0.000832	mg/kg	TRG	U	U	0.000832	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	79-20-9	METHYL ACETATE	0.00722	mg/kg	TRG	U	U	0.00722	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.00116	mg/kg	TRG	U	U	0.00116	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	75-09-2	Methylene chloride	0.00296	mg/kg	TRG	U	U	0.00296	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	91-20-3	Naphthalene	4.31	mg/kg	TRG	N	NJ	1.0775	Y	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	100-42-5	Styrene	0.000854	mg/kg	TRG	U	U	0.000854	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	127-18-4	Tetrachloroethene	0.000832	mg/kg	TRG	U	U	0.000832	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	108-88-3	Toluene	0.0017	mg/kg	TRG	J	J	0.000425	Y	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	71-55-6	Trichloroethane, 1,1,1-	0.00116	mg/kg	TRG	U	U	0.00116	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	79-00-5	Trichloroethane, 1,1,2-	0.00118	mg/kg	TRG	U	U	0.00118	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	79-01-6	Trichloroethene	0.000985	mg/kg	TRG	U	U	0.000985	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	75-69-4	Trichlorofluoromethane	0.00109	mg/kg	TRG	U	U	0.00109	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	75-01-4	Vinyl chloride	0.00123	mg/kg	TRG	U	U	0.00123	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-A	REG	1330-20-7	Xylenes, total	0.000854	mg/kg	TRG	U	U	0.000854	N	VOLATILES	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	62.2	pg/g	TRG		J	15.55	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	51.5	pg/g	TRG			12.875	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	6.92	pg/g	TRG			1.73	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	1.47	pg/g	TRG		J	0.3675	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	116	pg/g	TRG			29	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	5.43	pg/g	TRG			1.3575	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	45.9	pg/g	TRG			11.475	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	5.17	pg/g	TRG			1.2925	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	12.9	pg/g	TRG		J	3.225	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	1.36	pg/g	TRG		J	0.34	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	70.2	pg/g	TRG			17.55	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	79.6	pg/g	TRG		J	19.9	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	208	pg/g	TRG		J	52	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	51207-31-9	2,3,7,8-Tcdf	218	pg/g	TRG		J	54.5	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	1.05	pg/g	TRG		J	0.2625	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	37871-00-4	Heptachlorodibenzo-P-Dioxin	113	pg/g	TRG			28.25	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	38998-75-3	Heptachlorodibenzofuran	84.5	pg/g	TRG			21.125	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	49.4	pg/g	TRG			12.35	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	590	pg/g	TRG			147.5	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	3268-87-9	Octachlorodibenzo-P-Dioxin	412	pg/g	TRG		J	103	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	39001-02-0	Octachlorodibenzofuran	22	pg/g	TRG			5.5	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	15.4	pg/g	TRG			3.85	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	1120	pg/g	TRG			280	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	7.21	pg/g	TRG			1.8025	Y	DIOXIN	P
INSIDE_2BG	TR09-1				SO	19-May-04	1	1.5	TR09-1-D	FD	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	1390	pg/g	TRG			347.5	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	70.2	pg/g	TRG		J	17.55	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	36.1	pg/g	TRG			9.025	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	8.31	pg/g	TRG			2.0775	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	1.79	pg/g	TRG		J	0.4475	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	65	pg/g	TRG			16.25	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	6.2	pg/g	TRG			1.55	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	24.1	pg/g	TRG			6.025	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	5.85	pg/g	TRG			1.4625	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	5.72	pg/g	TRG		J	1.43	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	1.38	pg/g	TRG		J	0.345	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	42.3	pg/g	TRG			10.575	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	48.4	pg/g	TRG		J	12.1	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	121	pg/g	TRG		J	30.25	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	51207-31-9	2,3,7,8-Tcdf	145	pg/g	TRG		J	36.25	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	0.586	pg/g	TRG		J	0.1465	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	37871-00-4	Heptachlorodibenzo-P-Dioxin	124	pg/g	TRG			31	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	38998-75-3	Heptachlorodibenzofuran	68.8	pg/g	TRG			17.2	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	55	pg/g	TRG			13.75	Y	DIOXIN	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	326	pg/g	TRG			81.5	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	3268-87-9	Octachlorodibenzo-P-Dioxin	278	pg/g	TRG		J	69.5	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	39001-02-0	Octachlorodibenzofuran	64.2	pg/g	TRG			16.05	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	14	pg/g	TRG			3.5	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	651	pg/g	TRG			162.75	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	2.95	pg/g	TRG			0.7375	Y	DIOXIN	P
INSIDE_2BG	TR09-2				SO	19-May-04	1	1.5	TR09-2-A	REG	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	936	pg/g	TRG			234	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	9.43	pg/g	TRG		J	2.3575	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	23.6	pg/g	TRG			5.9	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	2.32	pg/g	TRG		J	0.58	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.274	pg/g	TRG		U	0.274	N	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	30.3	pg/g	TRG			7.575	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.757	pg/g	TRG		J	0.18925	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	14.1	pg/g	TRG			3.525	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.537	pg/g	TRG		J	0.13425	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	2.64	pg/g	TRG		J	0.66	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.316	pg/g	TRG		J	0.079	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	19.9	pg/g	TRG			4.975	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	15.1	pg/g	TRG		J	3.775	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	42.1	pg/g	TRG		J	10.525	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	51207-31-9	2,3,7,8-Tcdf	53	pg/g	TRG		J	13.25	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	0.11	pg/g	TRG		U	0.11	N	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	37871-00-4	Heptachlorodibenzo-P-Dioxin	16.9	pg/g	TRG			4.225	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	38998-75-3	Heptachlorodibenzofuran	33.2	pg/g	TRG			8.3	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	6.25	pg/g	TRG			1.5625	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	139	pg/g	TRG			34.75	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	3268-87-9	Octachlorodibenzo-P-Dioxin	60.7	pg/g	TRG		J	15.175	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	39001-02-0	Octachlorodibenzofuran	15.1	pg/g	TRG			3.775	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	3.03	pg/g	TRG			0.7575	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	260	pg/g	TRG			65	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	4.14	pg/g	TRG			1.035	Y	DIOXIN	P
INSIDE_2BG	TR10-1				SO	19-May-04	1	1.5	TR10-1-A	REG	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	300	pg/g	TRG			75	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	24.1	pg/g	TRG		J	6.025	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	708	pg/g	TRG			177	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	75.8	pg/g	TRG			18.95	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	1.68	pg/g	TRG		J	0.42	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	693	pg/g	TRG		J	173.25	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	3.49	pg/g	TRG			0.8725	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	569	pg/g	TRG		J	142.25	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	2.84	pg/g	TRG			0.71	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	121	pg/g	TRG		J	30.25	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	2.74	pg/g	TRG	U	U	2.74	N	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	792	pg/g	TRG			198	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	980	pg/g	TRG		J	245	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	2430	pg/g	TRG		J	607.5	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	51207-31-9	2,3,7,8-Tcdf	1880	pg/g	TRG		J	470	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	0.112	pg/g	TRG		U	0.112	N	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	37871-00-4	Heptachlorodibenzo-P-Dioxin	43.6	pg/g	TRG			10.9	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	38998-75-3	Heptachlorodibenzofuran	999	pg/g	TRG			249.75	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	37	pg/g	TRG			9.25	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	7180	pg/g	TRG			1795	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	3268-87-9	Octachlorodibenzo-P-Dioxin	89.8	pg/g	TRG		J	22.45	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	39001-02-0	Octachlorodibenzofuran	358	pg/g	TRG			89.5	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	22.3	pg/g	TRG			5.575	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	12600	pg/g	TRG			3150	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	22.9	pg/g	TRG			5.725	Y	DIOXIN	P
INSIDE_2BG	TR10-2				SO	20-May-04	1	2	TR10-2-A	REG	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	12500	pg/g	TRG			3125	Y	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.452	pg/g	TRG		J	0.113	Y	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.242	pg/g	TRG		U	0.242	N	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.242	pg/g	TRG	U	U	0.242	N	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.242	pg/g	TRG	U	U	0.242	N	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.242	pg/g	TRG	U	U	0.242	N	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.242	pg/g	TRG	U	U	0.242	N	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.242	pg/g	TRG		U	0.242	N	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.242	pg/g	TRG		U	0.242	N	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.242	pg/g	TRG	U	UJ	0.242	N	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.242	pg/g	TRG		U	0.242	N	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.242	pg/g	TRG		U	0.242	N	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.242	pg/g	TRG	U	UJ	0.242	N	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.242	pg/g	TRG		U	0.242	N	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	51207-31-9	2,3,7,8-Tcdf	0.136	pg/g	TRG		J	0.034	Y	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	0.444	pg/g	TRG		J	0.111	Y	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	37871-00-4	Heptachlorodibenzo-P-Dioxin	0.942	pg/g	TRG			0.2355	Y	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	38998-75-3	Heptachlorodibenzofuran	0.242	pg/g	TRG		U	0.242	N	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	0.242	pg/g	TRG		U	0.242	N	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	0.242	pg/g	TRG	U	U	0.242	N	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	3268-87-9	Octachlorodibenzo-P-Dioxin	2.25	pg/g	TRG		J	0.5625	Y	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	39001-02-0	Octachlorodibenzofuran	0.485	pg/g	TRG	U	U	0.485	N	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	1.22	pg/g	TRG			0.305	Y	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	0.242	pg/g	TRG		U	0.242	N	DIOXIN	P

Table A-1
Inside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
Former Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	0.539	pg/g	TRG			0.13475	Y	DIOXIN	P
INSIDE_2BG	TR10-3				SO	20-May-04	3	3.5	TR10-3-A	REG	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	0.393	pg/g	TRG			0.09825	Y	DIOXIN	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	57-12-5	Cyanide, total	0.64	mg/kg	TRG	U	U	0.64	N	CYANIDE	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	99-65-0	Dinitrobenzene, 1,3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	121-14-2	Dinitrotoluene, 2,4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	606-20-2	Dinitrotoluene, 2,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	2691-41-0	HMX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	98-95-3	Nitrobenzene	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	88-72-2	Nitrotoluene, 2-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	99-08-1	Nitrotoluene, 3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	121-82-4	RDX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	479-45-8	Tetryl	0.65	mg/kg	TRG	U	U	0.65	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7429-90-5	Aluminum	10100	mg/kg	TRG			25.6	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7440-36-0	Antimony	7.7	mg/kg	TRG	U	U	7.7	N	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7440-38-2	Arsenic	6.1	mg/kg	TRG			1.3	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7440-39-3	Barium	70.3	mg/kg	TRG			25.6	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7440-41-7	Beryllium	0.64	mg/kg	TRG	U	U	0.64	N	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7440-43-9	Cadmium	0.64	mg/kg	TRG	U	U	0.64	N	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7440-70-2	Calcium	3260	mg/kg	TRG			641	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7440-47-3	Chromium	12.8	mg/kg	TRG			1.3	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7440-48-4	Cobalt	6.4	mg/kg	TRG			6.4	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7440-50-8	Copper	17.6	mg/kg	TRG			3.2	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7439-89-6	Iron	16700	mg/kg	TRG			12.8	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7439-92-1	Lead	39.6	mg/kg	TRG			0.38	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7439-95-4	Magnesium	2490	mg/kg	TRG			641	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7439-96-5	Manganese	315	mg/kg	TRG		J	1.9	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7439-97-6	Mercury	0.047	mg/kg	TRG			0.042	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7440-02-0	Nickel	15.8	mg/kg	TRG			5.1	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7440-09-7	Potassium	1160	mg/kg	TRG			641	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7782-49-2	Selenium	0.76	mg/kg	TRG			0.64	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7440-22-4	Silver	1.3	mg/kg	TRG	U	U	1.3	N	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7440-23-5	Sodium	641	mg/kg	TRG	U	U	641	N	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7440-28-0	Thallium	1.3	mg/kg	TRG	U	U	1.3	N	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7440-62-2	Vanadium	22.1	mg/kg	TRG			6.4	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7440-66-6	Zinc	55.2	mg/kg	TRG			2.6	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	10-00-4	% moisture	22	Percent	TRG			0	Y	MOISTURE	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	309-00-2	Aldrin	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	12674-11-2	Aroclor 1016	0.042	mg/kg	TRG	U	U	0.042	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	11104-28-2	Aroclor 1221	0.042	mg/kg	TRG	U	U	0.042	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	11141-16-5	Aroclor 1232	0.042	mg/kg	TRG	U	U	0.042	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	53469-21-9	Aroclor 1242	0.042	mg/kg	TRG	U	U	0.042	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	12672-29-6	Aroclor 1248	0.042	mg/kg	TRG	U	U	0.042	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	11097-69-1	Aroclor 1254	0.079	mg/kg	TRG	GU	U	0.079	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	11096-82-5	Aroclor 1260	0.08	mg/kg	TRG			0.042	Y	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	319-84-6	BHC, alpha-	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	319-85-7	BHC, beta-	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	319-86-8	BHC, delta-	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	58-89-9	BHC, gamma-	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	5103-71-9	Chlordane, alpha-	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	5103-74-2	Chlordane, gamma-	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	72-54-8	DDD, 4,4'-	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	72-55-9	DDE, 4,4'-	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	50-29-3	DDT, 4,4'-	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	60-57-1	Dieldrin	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	959-98-8	Endosulfan I	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	33213-65-9	Endosulfan II	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	1031-07-8	Endosulfan sulfate	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	72-20-8	Endrin	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7421-93-4	Endrin aldehyde	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	53494-70-5	Endrin ketone	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	76-44-8	Heptachlor	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	1024-57-3	Heptachlor epoxide	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	72-43-5	Methoxychlor	0.0042	mg/kg	TRG	U	U	0.0042	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	8001-35-2	Toxaphene	0.086	mg/kg	TRG	U	U	0.086	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	83-32-9	Acenaphthene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	208-96-8	Acenaphthylene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	120-12-7	Anthracene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	56-55-3	Benzo(a)anthracene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	50-32-8	Benzo(a)pyrene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	205-99-2	Benzo(b)fluoranthene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	191-24-2	Benzo(ghi)perylene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	207-08-9	Benzo(k)fluoranthene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	111-91-1	Bis(2-chloroethoxy)methane	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	111-44-4	Bis(2-chloroethyl)ether	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.061	mg/kg	TRG	J	J	0.42	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	85-68-7	Butyl benzyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	86-74-8	Carbazole	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	59-50-7	Chloro-3-methylphenol, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	106-47-8	Chloroaniline, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	91-58-7	Chloronaphthalene, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	95-57-8	Chlorophenol, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	218-01-9	Chrysene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	84-74-2	Di-n-butyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	117-84-0	Di-n-octyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	53-70-3	Dibenz(a,h)anthracene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	132-64-9	Dibenzofuran	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	95-50-1	Dichlorobenzene, 1,2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	541-73-1	Dichlorobenzene, 1,3-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	106-46-7	Dichlorobenzene, 1,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	91-94-1	Dichlorobenzidine, 3,3'-	2.1	mg/kg	TRG	U	U	2.1	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	120-83-2	Dichlorophenol, 2,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	84-66-2	Diethyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	131-11-3	Dimethyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	105-67-9	Dimethylphenol, 2,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	2.1	mg/kg	TRG	U	U	2.1	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	51-28-5	Dinitrophenol, 2,4-	2.1	mg/kg	TRG	U	U	2.1	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	121-14-2	Dinitrotoluene, 2,4-	0.064	mg/kg	TRG	J	J	0.42	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	606-20-2	Dinitrotoluene, 2,6-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	206-44-0	Fluoranthene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	86-73-7	Fluorene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	118-74-1	Hexachlorobenzene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	87-68-3	Hexachlorobutadiene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	77-47-4	Hexachlorocyclopentadiene	2.1	mg/kg	TRG	U	U	2.1	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	67-72-1	Hexachloroethane	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	78-59-1	Isophorone	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	91-57-6	Methylnaphthalene, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	95-48-7	Methylphenol, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	106-44-5	Methylphenol, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	91-20-3	Naphthalene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	88-74-4	Nitroaniline, 2-	2.1	mg/kg	TRG	U	U	2.1	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	99-09-2	Nitroaniline, 3-	2.1	mg/kg	TRG	U	U	2.1	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	100-01-6	Nitroaniline, 4-	2.1	mg/kg	TRG	U	U	2.1	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	98-95-3	Nitrobenzene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	88-75-5	Nitrophenol, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	100-02-7	Nitrophenol, 4-	2.1	mg/kg	TRG	U	U	2.1	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	87-86-5	Pentachlorophenol	2.1	mg/kg	TRG	U	U	2.1	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	85-01-8	Phenanthrene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	108-95-2	Phenol	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	129-00-0	Pyrene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	95-95-4	Trichlorophenol, 2,4,5-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	88-06-2	Trichlorophenol, 2,4,6-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	621-64-7	n-Nitroso-di-n-propylamine	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	86-30-6	n-Nitrosodiphenylamine	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	67-64-1	Acetone	0.026	mg/kg	TRG	U	U	0.026	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	71-43-2	Benzene	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	75-27-4	Bromodichloromethane	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	75-25-2	Bromoform	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	74-83-9	Bromomethane	0.013	mg/kg	TRG	U	U	0.013	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	78-93-3	Butanone, 2-	0.026	mg/kg	TRG	U	U	0.026	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	75-15-0	Carbon disulfide	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	56-23-5	Carbon tetrachloride	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	108-90-7	Chlorobenzene	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	75-00-3	Chloroethane	0.013	mg/kg	TRG	U	U	0.013	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	67-66-3	Chloroform	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	74-87-3	Chloromethane	0.013	mg/kg	TRG	U	U	0.013	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	124-48-1	Dibromochloromethane	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	75-34-3	Dichloroethane, 1,1-	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	107-06-2	Dichloroethane, 1,2-	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	75-35-4	Dichloroethene, 1,1-	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	540-59-0	Dichloroethene, 1,2-	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	78-87-5	Dichloropropane, 1,2-	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	10061-01-5	Dichloropropene, cis-1,3-	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	10061-02-6	Dichloropropene, trans-1,3-	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	100-41-4	Ethylbenzene	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	591-78-6	Hexanone, 2-	0.026	mg/kg	TRG	U	U	0.026	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	108-10-1	Methyl-2-pentanone, 4-	0.026	mg/kg	TRG	U	U	0.026	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	75-09-2	Methylene chloride	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	100-42-5	Styrene	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	127-18-4	Tetrachloroethene	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	108-88-3	Toluene	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	71-55-6	Trichloroethane, 1,1,1-	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	79-00-5	Trichloroethane, 1,1,2-	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	79-01-6	Trichloroethene	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	75-01-4	Vinyl chloride	0.013	mg/kg	TRG	U	U	0.013	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	1-Oct-96	0	0.5	1100	REG	1330-20-7	Xylenes, total	0.0064	mg/kg	TRG	U	U	0.0064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	57-12-5	Cyanide, total	0.58	mg/kg	TRG	U	U	0.58	N	CYANIDE	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.61	mg/kg	TRG	GU	U	0.61	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	99-65-0	Dinitrobenzene, 1,3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	121-14-2	Dinitrotoluene, 2,4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	606-20-2	Dinitrotoluene, 2,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	2691-41-0	HMX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	98-95-3	Nitrobenzene	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	88-72-2	Nitrotoluene, 2-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	99-08-1	Nitrotoluene, 3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	121-82-4	RDX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	479-45-8	Tetryl	0.65	mg/kg	TRG	U	U	0.65	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7429-90-5	Aluminum	14900	mg/kg	TRG			23.4	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7440-36-0	Antimony	7	mg/kg	TRG	U	UJ	7	N	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7440-38-2	Arsenic	9.8	mg/kg	TRG			1.2	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7440-39-3	Barium	116	mg/kg	TRG			23.4	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7440-41-7	Beryllium	0.88	mg/kg	TRG			0.58	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7440-43-9	Cadmium	0.58	mg/kg	TRG	U	U	0.58	N	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7440-70-2	Calcium	4330	mg/kg	TRG			585	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7440-47-3	Chromium	20	mg/kg	TRG		J	1.2	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7440-48-4	Cobalt	16.2	mg/kg	TRG			5.8	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7440-50-8	Copper	34.8	mg/kg	TRG			2.9	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7439-89-6	Iron	28100	mg/kg	TRG			11.7	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7439-92-1	Lead	21.4	mg/kg	TRG			0.35	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7439-95-4	Magnesium	4110	mg/kg	TRG			585	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7439-96-5	Manganese	716	mg/kg	TRG			1.8	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7439-97-6	Mercury	0.039	mg/kg	TRG	U	U	0.039	N	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7440-02-0	Nickel	34.5	mg/kg	TRG			4.7	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7440-09-7	Potassium	1590	mg/kg	TRG		J	585	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7782-49-2	Selenium	0.58	mg/kg	TRG	U	U	0.58	N	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7440-22-4	Silver	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7440-23-5	Sodium	585	mg/kg	TRG	U	U	585	N	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7440-28-0	Thallium	1.6	mg/kg	TRG			1.2	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7440-62-2	Vanadium	32.9	mg/kg	TRG		J	5.8	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7440-66-6	Zinc	78	mg/kg	TRG			2.3	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	10-00-4	% moisture	14.5	Percent	TRG			0	Y	MOISTURE	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	309-00-2	Aldrin	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	12674-11-2	Aroclor 1016	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	11104-28-2	Aroclor 1221	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	11141-16-5	Aroclor 1232	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	53469-21-9	Aroclor 1242	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	12672-29-6	Aroclor 1248	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	11097-69-1	Aroclor 1254	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	11096-82-5	Aroclor 1260	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	319-84-6	BHC, alpha-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	319-85-7	BHC, beta-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	319-86-8	BHC, delta-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	58-89-9	BHC, gamma-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	5103-71-9	Chlordane, alpha-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	5103-74-2	Chlordane, gamma-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	72-54-8	DDD, 4,4'-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	72-55-9	DDE, 4,4'-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	50-29-3	DDT, 4,4'-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	60-57-1	Dieldrin	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	959-98-8	Endosulfan I	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	33213-65-9	Endosulfan II	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	1031-07-8	Endosulfan sulfate	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	72-20-8	Endrin	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7421-93-4	Endrin aldehyde	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	53494-70-5	Endrin ketone	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	76-44-8	Heptachlor	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	1024-57-3	Heptachlor epoxide	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	72-43-5	Methoxychlor	0.0039	mg/kg	TRG	U	U	0.0039	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	8001-35-2	Toxaphene	0.078	mg/kg	TRG	U	U	0.078	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	83-32-9	Acenaphthene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	208-96-8	Acenaphthylene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	120-12-7	Anthracene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	56-55-3	Benzo(a)anthracene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	50-32-8	Benzo(a)pyrene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	205-99-2	Benzo(b)fluoranthene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	191-24-2	Benzo(ghi)perylene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	207-08-9	Benzo(k)fluoranthene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	111-91-1	Bis(2-chloroethoxy)methane	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	111-44-4	Bis(2-chloroethyl)ether	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	85-68-7	Butyl benzyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	86-74-8	Carbazole	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	59-50-7	Chloro-3-methylphenol, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	106-47-8	Chloroaniline, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	91-58-7	Chloronaphthalene, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	95-57-8	Chlorophenol, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	218-01-9	Chrysene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	84-74-2	Di-n-butyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	117-84-0	Di-n-octyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	53-70-3	Dibenz(a,h)anthracene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	132-64-9	Dibenzofuran	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	95-50-1	Dichlorobenzene, 1,2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	541-73-1	Dichlorobenzene, 1,3-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	106-46-7	Dichlorobenzene, 1,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	91-94-1	Dichlorobenzidine, 3,3'-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	120-83-2	Dichlorophenol, 2,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	84-66-2	Diethyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	131-11-3	Dimethyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	105-67-9	Dimethylphenol, 2,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	51-28-5	Dinitrophenol, 2,4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	121-14-2	Dinitrotoluene, 2,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	606-20-2	Dinitrotoluene, 2,6-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	206-44-0	Fluoranthene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	86-73-7	Fluorene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	118-74-1	Hexachlorobenzene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	87-68-3	Hexachlorobutadiene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	77-47-4	Hexachlorocyclopentadiene	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	67-72-1	Hexachloroethane	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	78-59-1	Isophorone	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	91-57-6	Methylnaphthalene, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	95-48-7	Methylphenol, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	106-44-5	Methylphenol, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	91-20-3	Naphthalene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	88-74-4	Nitroaniline, 2-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	99-09-2	Nitroaniline, 3-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	100-01-6	Nitroaniline, 4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	98-95-3	Nitrobenzene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	88-75-5	Nitrophenol, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	100-02-7	Nitrophenol, 4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	87-86-5	Pentachlorophenol	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	85-01-8	Phenanthrene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	108-95-2	Phenol	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	129-00-0	Pyrene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	95-95-4	Trichlorophenol, 2,4,5-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	88-06-2	Trichlorophenol, 2,4,6-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	621-64-7	n-Nitroso-di-n-propylamine	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	86-30-6	n-Nitrosodiphenylamine	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	67-64-1	Acetone	0.018	mg/kg	TRG	J	J	0.023	Y	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	71-43-2	Benzene	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	75-27-4	Bromodichloromethane	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	75-25-2	Bromoform	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	74-83-9	Bromomethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	78-93-3	Butanone, 2-	0.023	mg/kg	TRG	U	U	0.023	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	75-15-0	Carbon disulfide	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	56-23-5	Carbon tetrachloride	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	108-90-7	Chlorobenzene	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	75-00-3	Chloroethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	67-66-3	Chloroform	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	74-87-3	Chloromethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	124-48-1	Dibromochloromethane	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	75-34-3	Dichloroethane, 1,1-	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	107-06-2	Dichloroethane, 1,2-	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	75-35-4	Dichloroethene, 1,1-	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	540-59-0	Dichloroethene, 1,2-	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	78-87-5	Dichloropropane, 1,2-	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	10061-01-5	Dichloropropene, cis-1,3-	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	10061-02-6	Dichloropropene, trans-1,3-	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	100-41-4	Ethylbenzene	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	591-78-6	Hexanone, 2-	0.023	mg/kg	TRG	U	U	0.023	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	108-10-1	Methyl-2-pentanone, 4-	0.023	mg/kg	TRG	U	U	0.023	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	75-09-2	Methylene chloride	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	100-42-5	Styrene	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	127-18-4	Tetrachloroethene	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	108-88-3	Toluene	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	71-55-6	Trichloroethane, 1,1,1-	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	79-00-5	Trichloroethane, 1,1,2-	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	79-01-6	Trichloroethene	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	75-01-4	Vinyl chloride	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	2	3	1110	REG	1330-20-7	Xylenes, total	0.0058	mg/kg	TRG	U	U	0.0058	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	57-12-5	Cyanide, total	0.64	mg/kg	TRG	U	U	0.64	N	CYANIDE	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	1.5	mg/kg	TRG			0.25	Y	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	99-65-0	Dinitrobenzene, 1,3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	121-14-2	Dinitrotoluene, 2,4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	606-20-2	Dinitrotoluene, 2,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	2691-41-0	HMX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	98-95-3	Nitrobenzene	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	88-72-2	Nitrotoluene, 2-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	99-08-1	Nitrotoluene, 3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	121-82-4	RDX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	479-45-8	Tetryl	0.65	mg/kg	TRG	U	U	0.65	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.34	mg/kg	TRG			0.25	Y	EXPLOSIVES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7429-90-5	Aluminum	13400	mg/kg	TRG			25.5	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7440-36-0	Antimony	7.6	mg/kg	TRG	U	UJ	7.6	N	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7440-38-2	Arsenic	4.1	mg/kg	TRG			1.3	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7440-39-3	Barium	91	mg/kg	TRG			25.5	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7440-41-7	Beryllium	0.69	mg/kg	TRG			0.64	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7440-43-9	Cadmium	0.64	mg/kg	TRG	U	U	0.64	N	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7440-70-2	Calcium	5480	mg/kg	TRG			637	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7440-47-3	Chromium	21	mg/kg	TRG		J	1.3	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7440-48-4	Cobalt	10.8	mg/kg	TRG			6.4	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7440-50-8	Copper	24.5	mg/kg	TRG			3.2	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7439-89-6	Iron	21800	mg/kg	TRG			12.7	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7439-92-1	Lead	14.2	mg/kg	TRG			0.38	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7439-95-4	Magnesium	5830	mg/kg	TRG			637	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7439-96-5	Manganese	256	mg/kg	TRG			1.9	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7439-97-6	Mercury	0.042	mg/kg	TRG	U	U	0.042	N	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7440-02-0	Nickel	32.3	mg/kg	TRG			5.1	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7440-09-7	Potassium	1860	mg/kg	TRG		J	637	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7782-49-2	Selenium	0.64	mg/kg	TRG	U	U	0.64	N	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7440-22-4	Silver	1.3	mg/kg	TRG	U	U	1.3	N	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7440-23-5	Sodium	637	mg/kg	TRG	U	U	637	N	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7440-28-0	Thallium	1.3	mg/kg	TRG	U	U	1.3	N	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7440-62-2	Vanadium	23.7	mg/kg	TRG		J	6.4	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7440-66-6	Zinc	79.3	mg/kg	TRG			2.5	Y	METALS	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	10-00-4	% moisture	21.5	Percent	TRG			0	Y	MOISTURE	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	309-00-2	Aldrin	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	12674-11-2	Aroclor 1016	0.042	mg/kg	TRG	U	U	0.042	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	11104-28-2	Aroclor 1221	0.042	mg/kg	TRG	U	U	0.042	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	11141-16-5	Aroclor 1232	0.042	mg/kg	TRG	U	U	0.042	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	53469-21-9	Aroclor 1242	0.042	mg/kg	TRG	U	U	0.042	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	12672-29-6	Aroclor 1248	0.042	mg/kg	TRG	U	U	0.042	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	11097-69-1	Aroclor 1254	0.042	mg/kg	TRG	U	U	0.042	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	11096-82-5	Aroclor 1260	0.042	mg/kg	TRG	U	U	0.042	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	319-84-6	BHC, alpha-	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	319-85-7	BHC, beta-	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	319-86-8	BHC, delta-	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	58-89-9	BHC, gamma-	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	5103-71-9	Chlordane, alpha-	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	5103-74-2	Chlordane, gamma-	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	72-54-8	DDD, 4,4'-	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	72-55-9	DDE, 4,4'-	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	50-29-3	DDT, 4,4'-	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	60-57-1	Dieldrin	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	959-98-8	Endosulfan I	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	33213-65-9	Endosulfan II	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	1031-07-8	Endosulfan sulfate	0.0091	mg/kg	TRG	GU	U	0.0091	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	72-20-8	Endrin	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7421-93-4	Endrin aldehyde	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	53494-70-5	Endrin ketone	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	76-44-8	Heptachlor	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	1024-57-3	Heptachlor epoxide	0.0022	mg/kg	TRG	U	U	0.0022	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	72-43-5	Methoxychlor	0.0042	mg/kg	TRG	U	U	0.0042	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	8001-35-2	Toxaphene	0.085	mg/kg	TRG	U	U	0.085	N	PEST/PCB	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	83-32-9	Acenaphthene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	208-96-8	Acenaphthylene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	120-12-7	Anthracene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	56-55-3	Benzo(a)anthracene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	50-32-8	Benzo(a)pyrene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	205-99-2	Benzo(b)fluoranthene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	191-24-2	Benzo(ghi)perylene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	207-08-9	Benzo(k)fluoranthene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	111-91-1	Bis(2-chloroethoxy)methane	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	111-44-4	Bis(2-chloroethyl)ether	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	85-68-7	Butyl benzyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	86-74-8	Carbazole	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	59-50-7	Chloro-3-methylphenol, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	106-47-8	Chloroaniline, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	91-58-7	Chloronaphthalene, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	95-57-8	Chlorophenol, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	218-01-9	Chrysene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	84-74-2	Di-n-butyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	117-84-0	Di-n-octyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	53-70-3	Dibenz(a,h)anthracene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	132-64-9	Dibenzofuran	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	95-50-1	Dichlorobenzene, 1,2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	541-73-1	Dichlorobenzene, 1,3-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	106-46-7	Dichlorobenzene, 1,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	91-94-1	Dichlorobenzidine, 3,3'-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	120-83-2	Dichlorophenol, 2,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	84-66-2	Diethyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	131-11-3	Dimethyl phthalate	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	105-67-9	Dimethylphenol, 2,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	51-28-5	Dinitrophenol, 2,4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	121-14-2	Dinitrotoluene, 2,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	606-20-2	Dinitrotoluene, 2,6-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	206-44-0	Fluoranthene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	86-73-7	Fluorene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	118-74-1	Hexachlorobenzene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	87-68-3	Hexachlorobutadiene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	77-47-4	Hexachlorocyclopentadiene	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	67-72-1	Hexachloroethane	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	78-59-1	Isophorone	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	91-57-6	Methylnaphthalene, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	95-48-7	Methylphenol, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	106-44-5	Methylphenol, 4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	91-20-3	Naphthalene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	88-74-4	Nitroaniline, 2-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	99-09-2	Nitroaniline, 3-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	100-01-6	Nitroaniline, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	98-95-3	Nitrobenzene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	88-75-5	Nitrophenol, 2-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	100-02-7	Nitrophenol, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	87-86-5	Pentachlorophenol	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	85-01-8	Phenanthrene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	108-95-2	Phenol	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	129-00-0	Pyrene	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	95-95-4	Trichlorophenol, 2,4,5-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	88-06-2	Trichlorophenol, 2,4,6-	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	621-64-7	n-Nitroso-di-n-propylamine	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	86-30-6	n-Nitrosodiphenylamine	0.42	mg/kg	TRG	U	U	0.42	N	SEMIVOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	67-64-1	Acetone	0.29	mg/kg	TRG			0.13	Y	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	71-43-2	Benzene	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	75-27-4	Bromodichloromethane	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	75-25-2	Bromoform	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	74-83-9	Bromomethane	0.064	mg/kg	TRG	U	U	0.064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	78-93-3	Butanone, 2-	0.13	mg/kg	TRG	U	U	0.13	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	75-15-0	Carbon disulfide	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	56-23-5	Carbon tetrachloride	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	108-90-7	Chlorobenzene	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	75-00-3	Chloroethane	0.064	mg/kg	TRG	U	U	0.064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	67-66-3	Chloroform	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	74-87-3	Chloromethane	0.064	mg/kg	TRG	U	U	0.064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	124-48-1	Dibromochloromethane	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	75-34-3	Dichloroethane, 1,1-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	107-06-2	Dichloroethane, 1,2-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	75-35-4	Dichloroethene, 1,1-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	540-59-0	Dichloroethene, 1,2-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	78-87-5	Dichloropropane, 1,2-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	10061-01-5	Dichloropropene, cis-1,3-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	10061-02-6	Dichloropropene, trans-1,3-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	100-41-4	Ethylbenzene	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	591-78-6	Hexanone, 2-	0.13	mg/kg	TRG	U	U	0.13	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	108-10-1	Methyl-2-pentanone, 4-	0.13	mg/kg	TRG	U	U	0.13	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	75-09-2	Methylene chloride	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	100-42-5	Styrene	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	127-18-4	Tetrachloroethene	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	108-88-3	Toluene	0.02	mg/kg	TRG	J	J	0.032	Y	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	71-55-6	Trichloroethane, 1,1,1-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	79-00-5	Trichloroethane, 1,1,2-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	79-01-6	Trichloroethene	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	75-01-4	Vinyl chloride	0.064	mg/kg	TRG	U	U	0.064	N	VOLATILES	Y
OUT_2BG	2BGS004	622143.944	1913103.346	639.47	SO	2-Oct-96	6	7	1120	REG	1330-20-7	Xylenes, total	0.011	mg/kg	TRG	J	J	0.032	Y	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	57-12-5	Cyanide, total	0.65	mg/kg	TRG	U	U	0.65	N	CYANIDE	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.31	mg/kg	TRG	GU	U	0.31	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	99-65-0	Dinitrobenzene, 1,3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	121-14-2	Dinitrotoluene, 2,4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	606-20-2	Dinitrotoluene, 2,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	2691-41-0	HMX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	98-95-3	Nitrobenzene	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	88-72-2	Nitrotoluene, 2-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	99-08-1	Nitrotoluene, 3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	121-82-4	RDX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	479-45-8	Tetryl	0.65	mg/kg	TRG	U	U	0.65	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.5	mg/kg	TRG			0.25	Y	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7429-90-5	Aluminum	10300	mg/kg	TRG			25.8	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7440-36-0	Antimony	7.8	mg/kg	TRG	U	U	7.8	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7440-38-2	Arsenic	7.4	mg/kg	TRG			1.3	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7440-39-3	Barium	80.9	mg/kg	TRG			25.8	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7440-41-7	Beryllium	0.65	mg/kg	TRG	U	U	0.65	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7440-43-9	Cadmium	0.65	mg/kg	TRG	U	U	0.65	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7440-70-2	Calcium	22600	mg/kg	TRG			646	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7440-47-3	Chromium	15.3	mg/kg	TRG			1.3	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7440-48-4	Cobalt	9.5	mg/kg	TRG			6.5	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7440-50-8	Copper	23.7	mg/kg	TRG			3.2	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7439-89-6	Iron	20000	mg/kg	TRG			12.9	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7439-92-1	Lead	83.3	mg/kg	TRG			0.39	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7439-95-4	Magnesium	4880	mg/kg	TRG			646	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7439-96-5	Manganese	467	mg/kg	TRG		J	1.9	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7439-97-6	Mercury	0.067	mg/kg	TRG			0.043	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7440-02-0	Nickel	18	mg/kg	TRG			5.2	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7440-09-7	Potassium	1350	mg/kg	TRG			646	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7782-49-2	Selenium	0.65	mg/kg	TRG	U	U	0.65	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7440-22-4	Silver	1.3	mg/kg	TRG	U	U	1.3	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7440-23-5	Sodium	646	mg/kg	TRG	U	U	646	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7440-28-0	Thallium	1.3	mg/kg	TRG	U	U	1.3	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7440-62-2	Vanadium	23.4	mg/kg	TRG			6.5	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7440-66-6	Zinc	79.4	mg/kg	TRG			2.6	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	10-00-4	% moisture	22.6	Percent	TRG			0	Y	MOISTURE	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	309-00-2	Aldrin	0.0044	mg/kg	TRG	U	U	0.0044	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	12674-11-2	Aroclor 1016	0.085	mg/kg	TRG	U	U	0.085	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	11104-28-2	Aroclor 1221	0.085	mg/kg	TRG	U	U	0.085	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	11141-16-5	Aroclor 1232	0.085	mg/kg	TRG	U	U	0.085	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	53469-21-9	Aroclor 1242	0.085	mg/kg	TRG	U	U	0.085	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	12672-29-6	Aroclor 1248	0.085	mg/kg	TRG	U	U	0.085	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	11097-69-1	Aroclor 1254	0.17	mg/kg	TRG	GU	U	0.17	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	11096-82-5	Aroclor 1260	0.17	mg/kg	TRG			0.085	Y	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	319-84-6	BHC, alpha-	0.0044	mg/kg	TRG	U	U	0.0044	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	319-85-7	BHC, beta-	0.0044	mg/kg	TRG	U	U	0.0044	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	319-86-8	BHC, delta-	0.0044	mg/kg	TRG	U	U	0.0044	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	58-89-9	BHC, gamma-	0.0044	mg/kg	TRG	U	U	0.0044	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	5103-71-9	Chlordane, alpha-	0.0044	mg/kg	TRG	U	U	0.0044	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	5103-74-2	Chlordane, gamma-	0.0044	mg/kg	TRG	U	U	0.0044	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	72-54-8	DDD, 4,4'-	0.0044	mg/kg	TRG	U	U	0.0044	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	72-55-9	DDE, 4,4'-	0.0044	mg/kg	TRG	U	U	0.0044	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	50-29-3	DDT, 4,4'-	0.0044	mg/kg	TRG	U	U	0.0044	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	60-57-1	Dieldrin	0.0044	mg/kg	TRG	U	U	0.0044	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	959-98-8	Endosulfan I	0.0044	mg/kg	TRG	U	U	0.0044	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	33213-65-9	Endosulfan II	0.0044	mg/kg	TRG	U	U	0.0044	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	1031-07-8	Endosulfan sulfate	0.0044	mg/kg	TRG	U	U	0.0044	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	72-20-8	Endrin	0.0044	mg/kg	TRG	U	U	0.0044	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7421-93-4	Endrin aldehyde	0.0044	mg/kg	TRG	U	U	0.0044	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	53494-70-5	Endrin ketone	0.0044	mg/kg	TRG	U	U	0.0044	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	76-44-8	Heptachlor	0.0044	mg/kg	TRG	U	U	0.0044	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	1024-57-3	Heptachlor epoxide	0.0044	mg/kg	TRG	U	U	0.0044	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	72-43-5	Methoxychlor	0.0085	mg/kg	TRG	U	U	0.0085	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	8001-35-2	Toxaphene	0.17	mg/kg	TRG	U	U	0.17	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	83-32-9	Acenaphthene	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	208-96-8	Acenaphthylene	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	120-12-7	Anthracene	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	56-55-3	Benzo(a)anthracene	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	50-32-8	Benzo(a)pyrene	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	205-99-2	Benzo(b)fluoranthene	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	191-24-2	Benzo(ghi)perylene	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	207-08-9	Benzo(k)fluoranthene	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	111-91-1	Bis(2-chloroethoxy)methane	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	111-44-4	Bis(2-chloroethyl)ether	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	85-68-7	Butyl benzyl phthalate	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	86-74-8	Carbazole	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	59-50-7	Chloro-3-methylphenol, 4-	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	106-47-8	Chloroaniline, 4-	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	91-58-7	Chloronaphthalene, 2-	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	95-57-8	Chlorophenol, 2-	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	218-01-9	Chrysene	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	84-74-2	Di-n-butyl phthalate	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	117-84-0	Di-n-octyl phthalate	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	53-70-3	Dibenz(a,h)anthracene	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	132-64-9	Dibenzofuran	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	95-50-1	Dichlorobenzene, 1,2-	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	541-73-1	Dichlorobenzene, 1,3-	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	106-46-7	Dichlorobenzene, 1,4-	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	91-94-1	Dichlorobenzidine, 3,3'-	2.1	mg/kg	TRG	U	U	2.1	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	120-83-2	Dichlorophenol, 2,4-	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	84-66-2	Diethyl phthalate	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	131-11-3	Dimethyl phthalate	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	105-67-9	Dimethylphenol, 2,4-	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	2.1	mg/kg	TRG	U	U	2.1	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	51-28-5	Dinitrophenol, 2,4-	2.1	mg/kg	TRG	U	U	2.1	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	121-14-2	Dinitrotoluene, 2,4-	0.16	mg/kg	TRG	J	J	0.43	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	606-20-2	Dinitrotoluene, 2,6-	0.065	mg/kg	TRG	J	J	0.43	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	206-44-0	Fluoranthene	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	86-73-7	Fluorene	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	118-74-1	Hexachlorobenzene	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	87-68-3	Hexachlorobutadiene	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	77-47-4	Hexachlorocyclopentadiene	2.1	mg/kg	TRG	U	U	2.1	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	67-72-1	Hexachloroethane	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	78-59-1	Isophorone	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	91-57-6	Methylnaphthalene, 2-	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	95-48-7	Methylphenol, 2-	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	106-44-5	Methylphenol, 4-	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	91-20-3	Naphthalene	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	88-74-4	Nitroaniline, 2-	2.1	mg/kg	TRG	U	U	2.1	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	99-09-2	Nitroaniline, 3-	2.1	mg/kg	TRG	U	U	2.1	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	100-01-6	Nitroaniline, 4-	2.1	mg/kg	TRG	U	U	2.1	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	98-95-3	Nitrobenzene	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	88-75-5	Nitrophenol, 2-	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	100-02-7	Nitrophenol, 4-	2.1	mg/kg	TRG	U	U	2.1	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	87-86-5	Pentachlorophenol	2.1	mg/kg	TRG	U	U	2.1	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	85-01-8	Phenanthrene	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	108-95-2	Phenol	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	129-00-0	Pyrene	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	95-95-4	Trichlorophenol, 2,4,5-	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	88-06-2	Trichlorophenol, 2,4,6-	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	621-64-7	n-Nitroso-di-n-propylamine	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	86-30-6	n-Nitrosodiphenylamine	0.43	mg/kg	TRG	U	U	0.43	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	67-64-1	Acetone	0.13	mg/kg	TRG	U	U	0.13	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	71-43-2	Benzene	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	75-27-4	Bromodichloromethane	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	75-25-2	Bromoform	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	74-83-9	Bromomethane	0.065	mg/kg	TRG	U	U	0.065	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	78-93-3	Butanone, 2-	0.13	mg/kg	TRG	U	U	0.13	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	75-15-0	Carbon disulfide	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	56-23-5	Carbon tetrachloride	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	108-90-7	Chlorobenzene	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	75-00-3	Chloroethane	0.065	mg/kg	TRG	U	U	0.065	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	67-66-3	Chloroform	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	74-87-3	Chloromethane	0.065	mg/kg	TRG	U	U	0.065	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	124-48-1	Dibromochloromethane	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	75-34-3	Dichloroethane, 1,1-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	107-06-2	Dichloroethane, 1,2-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	75-35-4	Dichloroethene, 1,1-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	540-59-0	Dichloroethene, 1,2-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	78-87-5	Dichloropropane, 1,2-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	10061-01-5	Dichloropropene, cis-1,3-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	10061-02-6	Dichloropropene, trans-1,3-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	100-41-4	Ethylbenzene	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	591-78-6	Hexanone, 2-	0.13	mg/kg	TRG	U	U	0.13	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	108-10-1	Methyl-2-pentanone, 4-	0.13	mg/kg	TRG	U	U	0.13	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	75-09-2	Methylene chloride	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	100-42-5	Styrene	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	127-18-4	Tetrachloroethene	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	108-88-3	Toluene	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	71-55-6	Trichloroethane, 1,1,1-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	79-00-5	Trichloroethane, 1,1,2-	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	79-01-6	Trichloroethene	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	75-01-4	Vinyl chloride	0.065	mg/kg	TRG	U	U	0.065	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	1-Oct-96	0	0.5	1130	REG	1330-20-7	Xylenes, total	0.032	mg/kg	TRG	U	U	0.032	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	57-12-5	Cyanide, total	0.62	mg/kg	TRG	U	U	0.62	N	CYANIDE	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	99-65-0	Dinitrobenzene, 1,3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	121-14-2	Dinitrotoluene, 2,4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	606-20-2	Dinitrotoluene, 2,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	2691-41-0	HMX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	98-95-3	Nitrobenzene	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	88-72-2	Nitrotoluene, 2-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	99-08-1	Nitrotoluene, 3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	121-82-4	RDX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	479-45-8	Tetryl	0.65	mg/kg	TRG	U	U	0.65	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7429-90-5	Aluminum	14000	mg/kg	TRG			24.8	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7440-36-0	Antimony	7.5	mg/kg	TRG	U	UJ	7.5	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7440-38-2	Arsenic	12	mg/kg	TRG			1.2	Y	METALS	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7440-39-3	Barium	138	mg/kg	TRG			24.8	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7440-41-7	Beryllium	0.74	mg/kg	TRG			0.62	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7440-43-9	Cadmium	0.62	mg/kg	TRG	U	U	0.62	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7440-70-2	Calcium	4210	mg/kg	TRG			621	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7440-47-3	Chromium	20.2	mg/kg	TRG		J	1.2	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7440-48-4	Cobalt	19.3	mg/kg	TRG			6.2	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7440-50-8	Copper	32.2	mg/kg	TRG			3.1	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7439-89-6	Iron	32100	mg/kg	TRG			12.4	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7439-92-1	Lead	13.7	mg/kg	TRG			0.37	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7439-95-4	Magnesium	5110	mg/kg	TRG			621	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7439-96-5	Manganese	1390	mg/kg	TRG			1.9	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7439-97-6	Mercury	0.041	mg/kg	TRG	U	U	0.041	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7440-02-0	Nickel	48.3	mg/kg	TRG			5	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7440-09-7	Potassium	1420	mg/kg	TRG		J	621	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7782-49-2	Selenium	0.62	mg/kg	TRG	U	U	0.62	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7440-22-4	Silver	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7440-23-5	Sodium	621	mg/kg	TRG	U	U	621	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7440-28-0	Thallium	1.6	mg/kg	TRG			1.2	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7440-62-2	Vanadium	28.7	mg/kg	TRG		J	6.2	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7440-66-6	Zinc	76.4	mg/kg	TRG			2.5	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	10-00-4	% moisture	19.5	Percent	TRG			0	Y	MOISTURE	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	309-00-2	Aldrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	12674-11-2	Aroclor 1016	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	11104-28-2	Aroclor 1221	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	11141-16-5	Aroclor 1232	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	53469-21-9	Aroclor 1242	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	12672-29-6	Aroclor 1248	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	11097-69-1	Aroclor 1254	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	11096-82-5	Aroclor 1260	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	319-84-6	BHC, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	319-85-7	BHC, beta-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	319-86-8	BHC, delta-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	58-89-9	BHC, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	5103-71-9	Chlordane, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	5103-74-2	Chlordane, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	72-54-8	DDD, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	72-55-9	DDE, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	50-29-3	DDT, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	60-57-1	Dieldrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	959-98-8	Endosulfan I	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	33213-65-9	Endosulfan II	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	1031-07-8	Endosulfan sulfate	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	72-20-8	Endrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7421-93-4	Endrin aldehyde	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	53494-70-5	Endrin ketone	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	76-44-8	Heptachlor	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	1024-57-3	Heptachlor epoxide	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	72-43-5	Methoxychlor	0.0041	mg/kg	TRG	U	U	0.0041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	8001-35-2	Toxaphene	0.083	mg/kg	TRG	U	U	0.083	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	83-32-9	Acenaphthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	208-96-8	Acenaphthylene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	120-12-7	Anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	56-55-3	Benzo(a)anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	50-32-8	Benzo(a)pyrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	205-99-2	Benzo(b)fluoranthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	191-24-2	Benzo(ghi)perylene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	207-08-9	Benzo(k)fluoranthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	111-91-1	Bis(2-chloroethoxy)methane	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	111-44-4	Bis(2-chloroethyl)ether	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	85-68-7	Butyl benzyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	86-74-8	Carbazole	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	59-50-7	Chloro-3-methylphenol, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	106-47-8	Chloroaniline, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	91-58-7	Chloronaphthalene, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	95-57-8	Chlorophenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	218-01-9	Chrysene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	84-74-2	Di-n-butyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	117-84-0	Di-n-octyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	53-70-3	Dibenz(a,h)anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	132-64-9	Dibenzofuran	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	95-50-1	Dichlorobenzene, 1,2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	541-73-1	Dichlorobenzene, 1,3-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	106-46-7	Dichlorobenzene, 1,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	91-94-1	Dichlorobenzidine, 3,3'-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	120-83-2	Dichlorophenol, 2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	84-66-2	Diethyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	131-11-3	Dimethyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	105-67-9	Dimethylphenol, 2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	51-28-5	Dinitrophenol, 2,4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	121-14-2	Dinitrotoluene, 2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	606-20-2	Dinitrotoluene, 2,6-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	206-44-0	Fluoranthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	86-73-7	Fluorene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	118-74-1	Hexachlorobenzene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	87-68-3	Hexachlorobutadiene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	77-47-4	Hexachlorocyclopentadiene	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	67-72-1	Hexachloroethane	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	78-59-1	Isophorone	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	91-57-6	Methylnaphthalene, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	95-48-7	Methylphenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	106-44-5	Methylphenol, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	91-20-3	Naphthalene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	88-74-4	Nitroaniline, 2-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	99-09-2	Nitroaniline, 3-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	100-01-6	Nitroaniline, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	98-95-3	Nitrobenzene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	88-75-5	Nitrophenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	100-02-7	Nitrophenol, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	87-86-5	Pentachlorophenol	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	85-01-8	Phenanthrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	108-95-2	Phenol	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	129-00-0	Pyrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	95-95-4	Trichlorophenol, 2,4,5-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	88-06-2	Trichlorophenol, 2,4,6-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	621-64-7	n-Nitroso-di-n-propylamine	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	86-30-6	n-Nitrosodiphenylamine	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	67-64-1	Acetone	0.0046	mg/kg	TRG	J	J	0.025	Y	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	71-43-2	Benzene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	75-27-4	Bromodichloromethane	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	75-25-2	Bromoform	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	74-83-9	Bromomethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	78-93-3	Butanone, 2-	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	75-15-0	Carbon disulfide	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	56-23-5	Carbon tetrachloride	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	108-90-7	Chlorobenzene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	75-00-3	Chloroethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	67-66-3	Chloroform	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	74-87-3	Chloromethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	124-48-1	Dibromochloromethane	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	75-34-3	Dichloroethane, 1,1-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	107-06-2	Dichloroethane, 1,2-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	75-35-4	Dichloroethene, 1,1-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	540-59-0	Dichloroethene, 1,2-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	78-87-5	Dichloropropane, 1,2-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	10061-01-5	Dichloropropene, cis-1,3-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	10061-02-6	Dichloropropene, trans-1,3-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	100-41-4	Ethylbenzene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	591-78-6	Hexanone, 2-	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	108-10-1	Methyl-2-pentanone, 4-	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	75-09-2	Methylene chloride	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	100-42-5	Styrene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	127-18-4	Tetrachloroethene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	108-88-3	Toluene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	71-55-6	Trichloroethane, 1,1,1-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	79-00-5	Trichloroethane, 1,1,2-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	79-01-6	Trichloroethene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	75-01-4	Vinyl chloride	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1140	REG	1330-20-7	Xylenes, total	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	57-12-5	Cyanide, total	0.62	mg/kg	TRG	U	U	0.62	N	CYANIDE	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	99-65-0	Dinitrobenzene, 1,3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	121-14-2	Dinitrotoluene, 2,4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	606-20-2	Dinitrotoluene, 2,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	2691-41-0	HMX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	98-95-3	Nitrobenzene	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	88-72-2	Nitrotoluene, 2-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	99-08-1	Nitrotoluene, 3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	121-82-4	RDX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	479-45-8	Tetryl	0.65	mg/kg	TRG	U	U	0.65	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	99-35-4	Trinitrobenzene, 1,3,5-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	118-96-7	Trinitrotoluene, 2,4,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7429-90-5	Aluminum	16000	mg/kg	TRG			24.6	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7440-36-0	Antimony	7.4	mg/kg	TRG	U	UJ	7.4	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7440-38-2	Arsenic	13	mg/kg	TRG			1.2	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7440-39-3	Barium	90.1	mg/kg	TRG			24.6	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7440-41-7	Beryllium	0.79	mg/kg	TRG			0.62	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7440-43-9	Cadmium	0.62	mg/kg	TRG	U	U	0.62	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7440-70-2	Calcium	4030	mg/kg	TRG			615	Y	METALS	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7440-47-3	Chromium	21.7	mg/kg	TRG		J	1.2	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7440-48-4	Cobalt	14	mg/kg	TRG			6.2	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7440-50-8	Copper	32.3	mg/kg	TRG			3.1	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7439-89-6	Iron	33300	mg/kg	TRG			12.3	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7439-92-1	Lead	14.2	mg/kg	TRG			0.37	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7439-95-4	Magnesium	5230	mg/kg	TRG			615	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7439-96-5	Manganese	487	mg/kg	TRG			1.8	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7439-97-6	Mercury	0.041	mg/kg	TRG	U	U	0.041	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7440-02-0	Nickel	33.2	mg/kg	TRG			4.9	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7440-09-7	Potassium	2040	mg/kg	TRG		J	615	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7782-49-2	Selenium	0.62	mg/kg	TRG	U	U	0.62	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7440-22-4	Silver	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7440-23-5	Sodium	615	mg/kg	TRG	U	U	615	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7440-28-0	Thallium	2.1	mg/kg	TRG			1.2	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7440-62-2	Vanadium	33.2	mg/kg	TRG		J	6.2	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7440-66-6	Zinc	83.3	mg/kg	TRG			2.5	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	10-00-4	% moisture	18.7	Percent	TRG			0	Y	MOISTURE	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	309-00-2	Aldrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	12674-11-2	Aroclor 1016	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	11104-28-2	Aroclor 1221	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	11141-16-5	Aroclor 1232	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	53469-21-9	Aroclor 1242	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	12672-29-6	Aroclor 1248	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	11097-69-1	Aroclor 1254	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	11096-82-5	Aroclor 1260	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	319-84-6	BHC, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	319-85-7	BHC, beta-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	319-86-8	BHC, delta-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	58-89-9	BHC, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	5103-71-9	Chlordane, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	5103-74-2	Chlordane, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	72-54-8	DDD, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	72-55-9	DDE, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	50-29-3	DDT, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	60-57-1	Dieldrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	959-98-8	Endosulfan I	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	33213-65-9	Endosulfan II	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	1031-07-8	Endosulfan sulfate	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	72-20-8	Endrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7421-93-4	Endrin aldehyde	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	53494-70-5	Endrin ketone	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	76-44-8	Heptachlor	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	1024-57-3	Heptachlor epoxide	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	72-43-5	Methoxychlor	0.0041	mg/kg	TRG	U	U	0.0041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	8001-35-2	Toxaphene	0.082	mg/kg	TRG	U	U	0.082	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	83-32-9	Acenaphthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	208-96-8	Acenaphthylene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	120-12-7	Anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	56-55-3	Benzo(a)anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	50-32-8	Benzo(a)pyrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	205-99-2	Benzo(b)fluoranthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	191-24-2	Benzo(ghi)perylene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	207-08-9	Benzo(k)fluoranthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	111-91-1	Bis(2-chloroethoxy)methane	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	111-44-4	Bis(2-chloroethyl)ether	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	108-60-1	Bis(2-chloroisopropyl)ether	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	117-81-7	Bis(2-ethylhexyl)phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	101-55-3	Bromophenyl phenyl ether, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	85-68-7	Butyl benzyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	86-74-8	Carbazole	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	59-50-7	Chloro-3-methylphenol, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	106-47-8	Chloroaniline, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	91-58-7	Chloronaphthalene, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	95-57-8	Chlorophenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	7005-72-3	Chlorophenyl phenyl ether, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	218-01-9	Chrysene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	84-74-2	Di-n-butyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	117-84-0	Di-n-octyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	53-70-3	Dibenz(a,h)anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	132-64-9	Dibenzofuran	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	95-50-1	Dichlorobenzene, 1,2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	541-73-1	Dichlorobenzene, 1,3-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	106-46-7	Dichlorobenzene, 1,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	91-94-1	Dichlorobenzidine, 3,3'-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	120-83-2	Dichlorophenol, 2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	84-66-2	Diethyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	131-11-3	Dimethyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	105-67-9	Dimethylphenol, 2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	534-52-1	Dinitro-2-methylphenol, 4,6-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	51-28-5	Dinitrophenol, 2,4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	121-14-2	Dinitrotoluene, 2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	606-20-2	Dinitrotoluene, 2,6-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	206-44-0	Fluoranthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	86-73-7	Fluorene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	118-74-1	Hexachlorobenzene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	87-68-3	Hexachlorobutadiene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	77-47-4	Hexachlorocyclopentadiene	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	67-72-1	Hexachloroethane	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	193-39-5	Indeno(1,2,3-cd)pyrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	78-59-1	Isophorone	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	91-57-6	Methylnaphthalene, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	95-48-7	Methylphenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	106-44-5	Methylphenol, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	91-20-3	Naphthalene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	88-74-4	Nitroaniline, 2-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	99-09-2	Nitroaniline, 3-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	100-01-6	Nitroaniline, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	98-95-3	Nitrobenzene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	88-75-5	Nitrophenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	100-02-7	Nitrophenol, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	87-86-5	Pentachlorophenol	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	85-01-8	Phenanthrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	108-95-2	Phenol	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	129-00-0	Pyrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	120-82-1	Trichlorobenzene, 1,2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	95-95-4	Trichlorophenol, 2,4,5-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	88-06-2	Trichlorophenol, 2,4,6-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	621-64-7	n-Nitroso-di-n-propylamine	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	86-30-6	n-Nitrosodiphenylamine	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	67-64-1	Acetone	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	71-43-2	Benzene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	75-27-4	Bromodichloromethane	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	75-25-2	Bromoform	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	74-83-9	Bromomethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	78-93-3	Butanone, 2-	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	75-15-0	Carbon disulfide	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	56-23-5	Carbon tetrachloride	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	108-90-7	Chlorobenzene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	75-00-3	Chloroethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	67-66-3	Chloroform	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	74-87-3	Chloromethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	124-48-1	Dibromochloromethane	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	75-34-3	Dichloroethane, 1,1-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	107-06-2	Dichloroethane, 1,2-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	75-35-4	Dichloroethene, 1,1-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	540-59-0	Dichloroethene, 1,2-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	78-87-5	Dichloropropane, 1,2-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	10061-01-5	Dichloropropene, cis-1,3-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	10061-02-6	Dichloropropene, trans-1,3-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	100-41-4	Ethylbenzene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	591-78-6	Hexanone, 2-	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	108-10-1	Methyl-2-pentanone, 4-	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	75-09-2	Methylene chloride	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	100-42-5	Styrene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	79-34-5	Tetrachloroethane, 1,1,2,2-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	127-18-4	Tetrachloroethene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	108-88-3	Toluene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	71-55-6	Trichloroethane, 1,1,1-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	79-00-5	Trichloroethane, 1,1,2-	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	79-01-6	Trichloroethene	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	75-01-4	Vinyl chloride	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	2	3	1141	FD	1330-20-7	Xylenes, total	0.0062	mg/kg	TRG	U	U	0.0062	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	57-12-5	Cyanide, total	0.63	mg/kg	TRG	U	U	0.63	N	CYANIDE	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	99-65-0	Dinitrobenzene, 1,3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	121-14-2	Dinitrotoluene, 2,4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	606-20-2	Dinitrotoluene, 2,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	2691-41-0	HMX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	98-95-3	Nitrobenzene	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	88-72-2	Nitrotoluene, 2-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	99-08-1	Nitrotoluene, 3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	121-82-4	RDX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	479-45-8	Tetryl	0.65	mg/kg	TRG	U	U	0.65	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7429-90-5	Aluminum	11400	mg/kg	TRG			25	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7440-36-0	Antimony	7.5	mg/kg	TRG	U	UJ	7.5	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7440-38-2	Arsenic	5.6	mg/kg	TRG			1.3	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7440-39-3	Barium	55.5	mg/kg	TRG			25	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7440-41-7	Beryllium	0.63	mg/kg	TRG	U	U	0.63	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7440-43-9	Cadmium	0.63	mg/kg	TRG	U	U	0.63	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7440-70-2	Calcium	59200	mg/kg	TRG			626	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7440-47-3	Chromium	17.6	mg/kg	TRG		J	1.3	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7440-48-4	Cobalt	6.5	mg/kg	TRG			6.3	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7440-50-8	Copper	25.7	mg/kg	TRG			3.1	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7439-89-6	Iron	21800	mg/kg	TRG			12.5	Y	METALS	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7439-92-1	Lead	14.6	mg/kg	TRG			0.38	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7439-95-4	Magnesium	17700	mg/kg	TRG			626	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7439-96-5	Manganese	327	mg/kg	TRG			1.9	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7439-97-6	Mercury	0.041	mg/kg	TRG	U	U	0.041	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7440-02-0	Nickel	24.2	mg/kg	TRG			5	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7440-09-7	Potassium	2350	mg/kg	TRG		J	626	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7782-49-2	Selenium	0.63	mg/kg	TRG	U	U	0.63	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7440-22-4	Silver	1.3	mg/kg	TRG	U	U	1.3	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7440-23-5	Sodium	626	mg/kg	TRG	U	U	626	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7440-28-0	Thallium	1.3	mg/kg	TRG	U	U	1.3	N	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7440-62-2	Vanadium	27.3	mg/kg	TRG		J	6.3	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7440-66-6	Zinc	66.3	mg/kg	TRG			2.5	Y	METALS	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	10-00-4	% moisture	20.1	Percent	TRG			0	Y	MOISTURE	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	309-00-2	Aldrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	12674-11-2	Aroclor 1016	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	11104-28-2	Aroclor 1221	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	11141-16-5	Aroclor 1232	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	53469-21-9	Aroclor 1242	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	12672-29-6	Aroclor 1248	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	11097-69-1	Aroclor 1254	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	11096-82-5	Aroclor 1260	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	319-84-6	BHC, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	319-85-7	BHC, beta-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	319-86-8	BHC, delta-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	58-89-9	BHC, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	5103-71-9	Chlordane, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	5103-74-2	Chlordane, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	72-54-8	DDD, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	72-55-9	DDE, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	50-29-3	DDT, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	60-57-1	Dieldrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	959-98-8	Endosulfan I	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	33213-65-9	Endosulfan II	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	1031-07-8	Endosulfan sulfate	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	72-20-8	Endrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7421-93-4	Endrin aldehyde	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	53494-70-5	Endrin ketone	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	76-44-8	Heptachlor	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	1024-57-3	Heptachlor epoxide	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	72-43-5	Methoxychlor	0.0041	mg/kg	TRG	U	U	0.0041	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	8001-35-2	Toxaphene	0.084	mg/kg	TRG	U	U	0.084	N	PEST/PCB	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	83-32-9	Acenaphthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	208-96-8	Acenaphthylene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	120-12-7	Anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	56-55-3	Benzo(a)anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	50-32-8	Benzo(a)pyrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	205-99-2	Benzo(b)fluoranthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	191-24-2	Benzo(ghi)perylene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	207-08-9	Benzo(k)fluoranthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	111-91-1	Bis(2-chloroethoxy)methane	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	111-44-4	Bis(2-chloroethyl)ether	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	85-68-7	Butyl benzyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	86-74-8	Carbazole	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	59-50-7	Chloro-3-methylphenol, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	106-47-8	Chloroaniline, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	91-58-7	Chloronaphthalene, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	95-57-8	Chlorophenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	218-01-9	Chrysene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	84-74-2	Di-n-butyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	117-84-0	Di-n-octyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	53-70-3	Dibenz(a,h)anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	132-64-9	Dibenzofuran	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	95-50-1	Dichlorobenzene, 1,2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	541-73-1	Dichlorobenzene, 1,3-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	106-46-7	Dichlorobenzene, 1,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	91-94-1	Dichlorobenzidine, 3,3'-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	120-83-2	Dichlorophenol, 2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	84-66-2	Diethyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	131-11-3	Dimethyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	105-67-9	Dimethylphenol, 2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	51-28-5	Dinitrophenol, 2,4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	121-14-2	Dinitrotoluene, 2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	606-20-2	Dinitrotoluene, 2,6-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	206-44-0	Fluoranthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	86-73-7	Fluorene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	118-74-1	Hexachlorobenzene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	87-68-3	Hexachlorobutadiene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	77-47-4	Hexachlorocyclopentadiene	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	67-72-1	Hexachloroethane	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	78-59-1	Isophorone	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	91-57-6	Methylnaphthalene, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	95-48-7	Methylphenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	106-44-5	Methylphenol, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	91-20-3	Naphthalene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	88-74-4	Nitroaniline, 2-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	99-09-2	Nitroaniline, 3-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	100-01-6	Nitroaniline, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	98-95-3	Nitrobenzene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	88-75-5	Nitrophenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	100-02-7	Nitrophenol, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	87-86-5	Pentachlorophenol	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	85-01-8	Phenanthrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	108-95-2	Phenol	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	129-00-0	Pyrene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	95-95-4	Trichlorophenol, 2,4,5-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	88-06-2	Trichlorophenol, 2,4,6-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	621-64-7	n-Nitroso-di-n-propylamine	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	86-30-6	n-Nitrosodiphenylamine	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	67-64-1	Acetone	0.043	mg/kg	TRG		J	0.025	Y	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	71-43-2	Benzene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	75-27-4	Bromodichloromethane	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	75-25-2	Bromoform	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	74-83-9	Bromomethane	0.013	mg/kg	TRG	U	U	0.013	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	78-93-3	Butanone, 2-	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	75-15-0	Carbon disulfide	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	56-23-5	Carbon tetrachloride	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	108-90-7	Chlorobenzene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	75-00-3	Chloroethane	0.013	mg/kg	TRG	U	U	0.013	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	67-66-3	Chloroform	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	74-87-3	Chloromethane	0.013	mg/kg	TRG	U	U	0.013	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	124-48-1	Dibromochloromethane	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	75-34-3	Dichloroethane, 1,1-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	107-06-2	Dichloroethane, 1,2-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	75-35-4	Dichloroethene, 1,1-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	540-59-0	Dichloroethene, 1,2-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	78-87-5	Dichloropropane, 1,2-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	10061-01-5	Dichloropropene, cis-1,3-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	10061-02-6	Dichloropropene, trans-1,3-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	100-41-4	Ethylbenzene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	591-78-6	Hexanone, 2-	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	108-10-1	Methyl-2-pentanone, 4-	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	75-09-2	Methylene chloride	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	100-42-5	Styrene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	127-18-4	Tetrachloroethene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	108-88-3	Toluene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	71-55-6	Trichloroethane, 1,1,1-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	79-00-5	Trichloroethane, 1,1,2-	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	79-01-6	Trichloroethene	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	75-01-4	Vinyl chloride	0.013	mg/kg	TRG	U	U	0.013	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	2-Oct-96	6	7	1150	REG	1330-20-7	Xylenes, total	0.0063	mg/kg	TRG	U	U	0.0063	N	VOLATILES	Y
OUT_2BG	2BGS005	622359.379	1913027.971	638.67	SO	12-Oct-10	0	1	BG0001	REG	10-00-4	% moisture	24.9	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	57-12-5	Cyanide, total	0.61	mg/kg	TRG	U	U	0.61	N	CYANIDE	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	99-65-0	Dinitrobenzene, 1,3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	121-14-2	Dinitrotoluene, 2,4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	606-20-2	Dinitrotoluene, 2,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	2691-41-0	HMX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	98-95-3	Nitrobenzene	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	88-72-2	Nitrotoluene, 2-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	99-08-1	Nitrotoluene, 3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	121-82-4	RDX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	479-45-8	Tetryl	0.65	mg/kg	TRG	U	U	0.65	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7429-90-5	Aluminum	10300	mg/kg	TRG			24.3	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7440-36-0	Antimony	7.3	mg/kg	TRG	U	U	7.3	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7440-38-2	Arsenic	7.9	mg/kg	TRG			1.2	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7440-39-3	Barium	67.6	mg/kg	TRG			24.3	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7440-41-7	Beryllium	0.61	mg/kg	TRG	U	U	0.61	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7440-43-9	Cadmium	0.61	mg/kg	TRG	U	U	0.61	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7440-70-2	Calcium	4950	mg/kg	TRG			608	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7440-47-3	Chromium	14.8	mg/kg	TRG			1.2	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7440-48-4	Cobalt	9	mg/kg	TRG			6.1	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7440-50-8	Copper	15.8	mg/kg	TRG			3	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7439-89-6	Iron	17700	mg/kg	TRG			12.2	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7439-92-1	Lead	189	mg/kg	TRG			0.36	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7439-95-4	Magnesium	3700	mg/kg	TRG			608	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7439-96-5	Manganese	300	mg/kg	TRG		J	1.8	Y	METALS	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7439-97-6	Mercury	0.044	mg/kg	TRG			0.04	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7440-02-0	Nickel	18	mg/kg	TRG			4.9	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7440-09-7	Potassium	1170	mg/kg	TRG			608	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7782-49-2	Selenium	0.61	mg/kg	TRG	U	U	0.61	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7440-22-4	Silver	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7440-23-5	Sodium	608	mg/kg	TRG	U	U	608	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7440-28-0	Thallium	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7440-62-2	Vanadium	22.2	mg/kg	TRG			6.1	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7440-66-6	Zinc	57.3	mg/kg	TRG			2.4	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	10-00-4	% moisture	17.8	Percent	TRG			0	Y	MOISTURE	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	309-00-2	Aldrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	12674-11-2	Aroclor 1016	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	11104-28-2	Aroclor 1221	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	11141-16-5	Aroclor 1232	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	53469-21-9	Aroclor 1242	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	12672-29-6	Aroclor 1248	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	11097-69-1	Aroclor 1254	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	11096-82-5	Aroclor 1260	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	319-84-6	BHC, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	319-85-7	BHC, beta-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	319-86-8	BHC, delta-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	58-89-9	BHC, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	5103-71-9	Chlordane, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	5103-74-2	Chlordane, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	72-54-8	DDD, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	72-55-9	DDE, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	50-29-3	DDT, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	60-57-1	Dieldrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	959-98-8	Endosulfan I	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	33213-65-9	Endosulfan II	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	1031-07-8	Endosulfan sulfate	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	72-20-8	Endrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7421-93-4	Endrin aldehyde	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	53494-70-5	Endrin ketone	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	76-44-8	Heptachlor	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	1024-57-3	Heptachlor epoxide	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	72-43-5	Methoxychlor	0.004	mg/kg	TRG	U	U	0.004	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	8001-35-2	Toxaphene	0.082	mg/kg	TRG	U	U	0.082	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	83-32-9	Acenaphthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	208-96-8	Acenaphthylene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	120-12-7	Anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	56-55-3	Benzo(a)anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	50-32-8	Benzo(a)pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	205-99-2	Benzo(b)fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	191-24-2	Benzo(ghi)perylene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	207-08-9	Benzo(k)fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	111-91-1	Bis(2-chloroethoxy)methane	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	111-44-4	Bis(2-chloroethyl)ether	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	85-68-7	Butyl benzyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	86-74-8	Carbazole	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	59-50-7	Chloro-3-methylphenol, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	106-47-8	Chloroaniline, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	91-58-7	Chloronaphthalene, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	95-57-8	Chlorophenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	218-01-9	Chrysene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	84-74-2	Di-n-butyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	117-84-0	Di-n-octyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	53-70-3	Dibenz(a,h)anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	132-64-9	Dibenzofuran	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	95-50-1	Dichlorobenzene, 1,2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	541-73-1	Dichlorobenzene, 1,3-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	106-46-7	Dichlorobenzene, 1,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	91-94-1	Dichlorobenzidine, 3,3'-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	120-83-2	Dichlorophenol, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	84-66-2	Diethyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	131-11-3	Dimethyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	105-67-9	Dimethylphenol, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	51-28-5	Dinitrophenol, 2,4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	121-14-2	Dinitrotoluene, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	606-20-2	Dinitrotoluene, 2,6-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	206-44-0	Fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	86-73-7	Fluorene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	118-74-1	Hexachlorobenzene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	87-68-3	Hexachlorobutadiene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	77-47-4	Hexachlorocyclopentadiene	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	67-72-1	Hexachloroethane	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	78-59-1	Isophorone	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	91-57-6	Methylnaphthalene, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	95-48-7	Methylphenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	106-44-5	Methylphenol, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	91-20-3	Naphthalene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	88-74-4	Nitroaniline, 2-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	99-09-2	Nitroaniline, 3-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	100-01-6	Nitroaniline, 4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	98-95-3	Nitrobenzene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	88-75-5	Nitrophenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	100-02-7	Nitrophenol, 4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	87-86-5	Pentachlorophenol	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	85-01-8	Phenanthrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	108-95-2	Phenol	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	129-00-0	Pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	95-95-4	Trichlorophenol, 2,4,5-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	88-06-2	Trichlorophenol, 2,4,6-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	621-64-7	n-Nitroso-di-n-propylamine	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	86-30-6	n-Nitrosodiphenylamine	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	67-64-1	Acetone	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	71-43-2	Benzene	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	75-27-4	Bromodichloromethane	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	75-25-2	Bromoform	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	74-83-9	Bromomethane	0.061	mg/kg	TRG	U	U	0.061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	78-93-3	Butanone, 2-	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	75-15-0	Carbon disulfide	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	56-23-5	Carbon tetrachloride	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	108-90-7	Chlorobenzene	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	75-00-3	Chloroethane	0.061	mg/kg	TRG	U	U	0.061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	67-66-3	Chloroform	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	74-87-3	Chloromethane	0.061	mg/kg	TRG	U	U	0.061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	124-48-1	Dibromochloromethane	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	75-34-3	Dichloroethane, 1,1-	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	107-06-2	Dichloroethane, 1,2-	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	75-35-4	Dichloroethene, 1,1-	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	540-59-0	Dichloroethene, 1,2-	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	78-87-5	Dichloropropane, 1,2-	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	10061-01-5	Dichloropropene, cis-1,3-	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	10061-02-6	Dichloropropene, trans-1,3-	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	100-41-4	Ethylbenzene	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	591-78-6	Hexanone, 2-	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	108-10-1	Methyl-2-pentanone, 4-	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	75-09-2	Methylene chloride	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	100-42-5	Styrene	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	127-18-4	Tetrachloroethene	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	108-88-3	Toluene	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	71-55-6	Trichloroethane, 1,1,1-	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	79-00-5	Trichloroethane, 1,1,2-	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	79-01-6	Trichloroethene	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	75-01-4	Vinyl chloride	0.061	mg/kg	TRG	U	U	0.061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	1-Oct-96	0	0.5	1160	REG	1330-20-7	Xylenes, total	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	57-12-5	Cyanide, total	0.6	mg/kg	TRG	U	U	0.6	N	CYANIDE	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	99-65-0	Dinitrobenzene, 1,3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	121-14-2	Dinitrotoluene, 2,4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	606-20-2	Dinitrotoluene, 2,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	2691-41-0	HMX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	98-95-3	Nitrobenzene	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	88-72-2	Nitrotoluene, 2-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	99-08-1	Nitrotoluene, 3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	121-82-4	RDX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	479-45-8	Tetryl	0.65	mg/kg	TRG	U	U	0.65	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7429-90-5	Aluminum	12100	mg/kg	TRG			23.8	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7440-36-0	Antimony	7.2	mg/kg	TRG	U	UJ	7.2	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7440-38-2	Arsenic	8.4	mg/kg	TRG			1.2	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7440-39-3	Barium	70.9	mg/kg	TRG			23.8	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7440-41-7	Beryllium	0.6	mg/kg	TRG	U	U	0.6	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7440-43-9	Cadmium	0.6	mg/kg	TRG	U	U	0.6	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7440-70-2	Calcium	61200	mg/kg	TRG			596	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7440-47-3	Chromium	17.6	mg/kg	TRG		J	1.2	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7440-48-4	Cobalt	9.9	mg/kg	TRG			6	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7440-50-8	Copper	23.4	mg/kg	TRG			3	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7439-89-6	Iron	22100	mg/kg	TRG			11.9	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7439-92-1	Lead	10.8	mg/kg	TRG			0.36	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7439-95-4	Magnesium	20100	mg/kg	TRG			596	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7439-96-5	Manganese	499	mg/kg	TRG			1.8	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7439-97-6	Mercury	0.039	mg/kg	TRG	U	U	0.039	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7440-02-0	Nickel	25.8	mg/kg	TRG			4.8	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7440-09-7	Potassium	1770	mg/kg	TRG		J	596	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7782-49-2	Selenium	0.6	mg/kg	TRG	U	U	0.6	N	METALS	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7440-22-4	Silver	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7440-23-5	Sodium	596	mg/kg	TRG	U	U	596	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7440-28-0	Thallium	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7440-62-2	Vanadium	31	mg/kg	TRG		J	6	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7440-66-6	Zinc	59.5	mg/kg	TRG			2.4	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	10-00-4	% moisture	16.1	Percent	TRG			0	Y	MOISTURE	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	309-00-2	Aldrin	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	12674-11-2	Aroclor 1016	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	11104-28-2	Aroclor 1221	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	11141-16-5	Aroclor 1232	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	53469-21-9	Aroclor 1242	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	12672-29-6	Aroclor 1248	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	11097-69-1	Aroclor 1254	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	11096-82-5	Aroclor 1260	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	319-84-6	BHC, alpha-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	319-85-7	BHC, beta-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	319-86-8	BHC, delta-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	58-89-9	BHC, gamma-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	5103-71-9	Chlordane, alpha-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	5103-74-2	Chlordane, gamma-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	72-54-8	DDD, 4,4'-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	72-55-9	DDE, 4,4'-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	50-29-3	DDT, 4,4'-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	60-57-1	Dieldrin	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	959-98-8	Endosulfan I	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	33213-65-9	Endosulfan II	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	1031-07-8	Endosulfan sulfate	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	72-20-8	Endrin	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7421-93-4	Endrin aldehyde	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	53494-70-5	Endrin ketone	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	76-44-8	Heptachlor	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	1024-57-3	Heptachlor epoxide	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	72-43-5	Methoxychlor	0.0039	mg/kg	TRG	U	U	0.0039	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	8001-35-2	Toxaphene	0.08	mg/kg	TRG	U	U	0.08	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	83-32-9	Acenaphthene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	208-96-8	Acenaphthylene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	120-12-7	Anthracene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	56-55-3	Benzo(a)anthracene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	50-32-8	Benzo(a)pyrene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	205-99-2	Benzo(b)fluoranthene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	191-24-2	Benzo(ghi)perylene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	207-08-9	Benzo(k)fluoranthene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	111-91-1	Bis(2-chloroethoxy)methane	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	111-44-4	Bis(2-chloroethyl)ether	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	85-68-7	Butyl benzyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	86-74-8	Carbazole	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	59-50-7	Chloro-3-methylphenol, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	106-47-8	Chloroaniline, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	91-58-7	Chloronaphthalene, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	95-57-8	Chlorophenol, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	218-01-9	Chrysene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	84-74-2	Di-n-butyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	117-84-0	Di-n-octyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	53-70-3	Dibenz(a,h)anthracene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	132-64-9	Dibenzofuran	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	95-50-1	Dichlorobenzene, 1,2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	541-73-1	Dichlorobenzene, 1,3-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	106-46-7	Dichlorobenzene, 1,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	91-94-1	Dichlorobenzidine, 3,3'-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	120-83-2	Dichlorophenol, 2,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	84-66-2	Diethyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	131-11-3	Dimethyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	105-67-9	Dimethylphenol, 2,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	51-28-5	Dinitrophenol, 2,4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	121-14-2	Dinitrotoluene, 2,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	606-20-2	Dinitrotoluene, 2,6-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	206-44-0	Fluoranthene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	86-73-7	Fluorene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	118-74-1	Hexachlorobenzene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	87-68-3	Hexachlorobutadiene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	77-47-4	Hexachlorocyclopentadiene	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	67-72-1	Hexachloroethane	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	78-59-1	Isophorone	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	91-57-6	Methylnaphthalene, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	95-48-7	Methylphenol, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	106-44-5	Methylphenol, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	91-20-3	Naphthalene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	88-74-4	Nitroaniline, 2-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	99-09-2	Nitroaniline, 3-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	100-01-6	Nitroaniline, 4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	98-95-3	Nitrobenzene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	88-75-5	Nitrophenol, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	100-02-7	Nitrophenol, 4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	87-86-5	Pentachlorophenol	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	85-01-8	Phenanthrene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	108-95-2	Phenol	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	129-00-0	Pyrene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	95-95-4	Trichlorophenol, 2,4,5-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	88-06-2	Trichlorophenol, 2,4,6-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	621-64-7	n-Nitroso-di-n-propylamine	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	86-30-6	n-Nitrosodiphenylamine	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	67-64-1	Acetone	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	71-43-2	Benzene	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	75-27-4	Bromodichloromethane	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	75-25-2	Bromoform	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	74-83-9	Bromomethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	78-93-3	Butanone, 2-	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	75-15-0	Carbon disulfide	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	56-23-5	Carbon tetrachloride	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	108-90-7	Chlorobenzene	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	75-00-3	Chloroethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	67-66-3	Chloroform	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	74-87-3	Chloromethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	124-48-1	Dibromochloromethane	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	75-34-3	Dichloroethane, 1,1-	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	107-06-2	Dichloroethane, 1,2-	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	75-35-4	Dichloroethene, 1,1-	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	540-59-0	Dichloroethene, 1,2-	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	78-87-5	Dichloropropane, 1,2-	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	10061-01-5	Dichloropropene, cis-1,3-	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	10061-02-6	Dichloropropene, trans-1,3-	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	100-41-4	Ethylbenzene	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	591-78-6	Hexanone, 2-	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	108-10-1	Methyl-2-pentanone, 4-	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	75-09-2	Methylene chloride	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	127-18-4	Tetrachloroethene	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	108-88-3	Toluene	0.0015	mg/kg	TRG	J	J	0.006	Y	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	71-55-6	Trichloroethane, 1,1,1-	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	79-00-5	Trichloroethane, 1,1,2-	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	79-01-6	Trichloroethene	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	75-01-4	Vinyl chloride	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	2	3	1170	REG	1330-20-7	Xylenes, total	0.006	mg/kg	TRG	U	U	0.006	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	57-12-5	Cyanide, total	0.61	mg/kg	TRG	U	U	0.61	N	CYANIDE	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	99-65-0	Dinitrobenzene, 1,3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	121-14-2	Dinitrotoluene, 2,4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	606-20-2	Dinitrotoluene, 2,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	2691-41-0	HMX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	98-95-3	Nitrobenzene	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	88-72-2	Nitrotoluene, 2-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	99-08-1	Nitrotoluene, 3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	121-82-4	RDX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	479-45-8	Tetryl	0.65	mg/kg	TRG	U	U	0.65	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7429-90-5	Aluminum	9540	mg/kg	TRG			24.3	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7440-36-0	Antimony	7.3	mg/kg	TRG	U	UJ	7.3	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7440-38-2	Arsenic	8.2	mg/kg	TRG			1.2	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7440-39-3	Barium	63.9	mg/kg	TRG			24.3	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7440-41-7	Beryllium	0.61	mg/kg	TRG	U	U	0.61	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7440-43-9	Cadmium	0.61	mg/kg	TRG	U	U	0.61	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7440-70-2	Calcium	56200	mg/kg	TRG			608	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7440-47-3	Chromium	14.8	mg/kg	TRG		J	1.2	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7440-48-4	Cobalt	10.2	mg/kg	TRG			6.1	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7440-50-8	Copper	24.8	mg/kg	TRG			3	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7439-89-6	Iron	22400	mg/kg	TRG			12.2	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7439-92-1	Lead	12	mg/kg	TRG			0.36	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7439-95-4	Magnesium	17500	mg/kg	TRG			608	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7439-96-5	Manganese	492	mg/kg	TRG			1.8	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7439-97-6	Mercury	0.04	mg/kg	TRG	U	U	0.04	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7440-02-0	Nickel	25.7	mg/kg	TRG			4.9	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7440-09-7	Potassium	1970	mg/kg	TRG		J	608	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7782-49-2	Selenium	0.61	mg/kg	TRG	U	U	0.61	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7440-22-4	Silver	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7440-23-5	Sodium	608	mg/kg	TRG	U	U	608	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7440-28-0	Thallium	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7440-62-2	Vanadium	23.4	mg/kg	TRG		J	6.1	Y	METALS	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7440-66-6	Zinc	61	mg/kg	TRG			2.4	Y	METALS	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	10-00-4	% moisture	17.8	Percent	TRG			0	Y	MOISTURE	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	309-00-2	Aldrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	12674-11-2	Aroclor 1016	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	11104-28-2	Aroclor 1221	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	11141-16-5	Aroclor 1232	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	53469-21-9	Aroclor 1242	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	12672-29-6	Aroclor 1248	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	11097-69-1	Aroclor 1254	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	11096-82-5	Aroclor 1260	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	319-84-6	BHC, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	319-85-7	BHC, beta-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	319-86-8	BHC, delta-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	58-89-9	BHC, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	5103-71-9	Chlordane, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	5103-74-2	Chlordane, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	72-54-8	DDD, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	72-55-9	DDE, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	50-29-3	DDT, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	60-57-1	Dieldrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	959-98-8	Endosulfan I	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	33213-65-9	Endosulfan II	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	1031-07-8	Endosulfan sulfate	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	72-20-8	Endrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7421-93-4	Endrin aldehyde	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	53494-70-5	Endrin ketone	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	76-44-8	Heptachlor	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	1024-57-3	Heptachlor epoxide	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	72-43-5	Methoxychlor	0.004	mg/kg	TRG	U	U	0.004	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	8001-35-2	Toxaphene	0.082	mg/kg	TRG	U	U	0.082	N	PEST/PCB	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	83-32-9	Acenaphthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	208-96-8	Acenaphthylene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	120-12-7	Anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	56-55-3	Benzo(a)anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	50-32-8	Benzo(a)pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	205-99-2	Benzo(b)fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	191-24-2	Benzo(ghi)perylene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	207-08-9	Benzo(k)fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	111-91-1	Bis(2-chloroethoxy)methane	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	111-44-4	Bis(2-chloroethyl)ether	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	85-68-7	Butyl benzyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	86-74-8	Carbazole	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	59-50-7	Chloro-3-methylphenol, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	106-47-8	Chloroaniline, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	91-58-7	Chloronaphthalene, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	95-57-8	Chlorophenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	218-01-9	Chrysene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	84-74-2	Di-n-butyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	117-84-0	Di-n-octyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	53-70-3	Dibenz(a,h)anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	132-64-9	Dibenzofuran	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	95-50-1	Dichlorobenzene, 1,2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	541-73-1	Dichlorobenzene, 1,3-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	106-46-7	Dichlorobenzene, 1,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	91-94-1	Dichlorobenzidine, 3,3'-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	120-83-2	Dichlorophenol, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	84-66-2	Diethyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	131-11-3	Dimethyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	105-67-9	Dimethylphenol, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	51-28-5	Dinitrophenol, 2,4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	121-14-2	Dinitrotoluene, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	606-20-2	Dinitrotoluene, 2,6-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	206-44-0	Fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	86-73-7	Fluorene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	118-74-1	Hexachlorobenzene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	87-68-3	Hexachlorobutadiene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	77-47-4	Hexachlorocyclopentadiene	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	67-72-1	Hexachloroethane	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	78-59-1	Isophorone	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	91-57-6	Methylnaphthalene, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	95-48-7	Methylphenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	106-44-5	Methylphenol, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	91-20-3	Naphthalene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	88-74-4	Nitroaniline, 2-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	99-09-2	Nitroaniline, 3-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	100-01-6	Nitroaniline, 4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	98-95-3	Nitrobenzene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	88-75-5	Nitrophenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	100-02-7	Nitrophenol, 4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	87-86-5	Pentachlorophenol	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	85-01-8	Phenanthrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	108-95-2	Phenol	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	129-00-0	Pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	95-95-4	Trichlorophenol, 2,4,5-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	88-06-2	Trichlorophenol, 2,4,6-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	621-64-7	n-Nitroso-di-n-propylamine	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	86-30-6	n-Nitrosodiphenylamine	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	67-64-1	Acetone	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	71-43-2	Benzene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	75-27-4	Bromodichloromethane	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	75-25-2	Bromoform	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	74-83-9	Bromomethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	78-93-3	Butanone, 2-	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	75-15-0	Carbon disulfide	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	56-23-5	Carbon tetrachloride	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	108-90-7	Chlorobenzene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	75-00-3	Chloroethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	67-66-3	Chloroform	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	74-87-3	Chloromethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	124-48-1	Dibromochloromethane	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	75-34-3	Dichloroethane, 1,1-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	107-06-2	Dichloroethane, 1,2-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	75-35-4	Dichloroethene, 1,1-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	540-59-0	Dichloroethene, 1,2-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	78-87-5	Dichloropropane, 1,2-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	10061-01-5	Dichloropropene, cis-1,3-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	10061-02-6	Dichloropropene, trans-1,3-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	100-41-4	Ethylbenzene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	591-78-6	Hexanone, 2-	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	108-10-1	Methyl-2-pentanone, 4-	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	75-09-2	Methylene chloride	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	100-42-5	Styrene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	127-18-4	Tetrachloroethene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	108-88-3	Toluene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	71-55-6	Trichloroethane, 1,1,1-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	79-00-5	Trichloroethane, 1,1,2-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	79-01-6	Trichloroethene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	75-01-4	Vinyl chloride	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS006	622349.121	1913015.012	638.5	SO	2-Oct-96	6	7	1180	REG	1330-20-7	Xylenes, total	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	57-12-5	Cyanide, total	0.62	mg/kg	TRG	U	U	0.62	N	CYANIDE	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	22	mg/kg	TRG	GU	U	22	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	99-65-0	Dinitrobenzene, 1,3-	5	mg/kg	TRG	U	U	5	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	121-14-2	Dinitrotoluene, 2,4-	21	mg/kg	TRG			5	Y	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	606-20-2	Dinitrotoluene, 2,6-	10	mg/kg	TRG			5	Y	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	2691-41-0	HMX	10	mg/kg	TRG	U	U	10	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	98-95-3	Nitrobenzene	5	mg/kg	TRG	U	U	5	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	88-72-2	Nitrotoluene, 2-	5	mg/kg	TRG	U	U	5	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	99-08-1	Nitrotoluene, 3-	5	mg/kg	TRG	U	U	5	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	121-82-4	RDX	10	mg/kg	TRG	U	U	10	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	479-45-8	Tetryl	13	mg/kg	TRG	U	U	13	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	99-35-4	Trinitrobenzene, 1,3,5-	5	mg/kg	TRG	U	U	5	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	118-96-7	Trinitrotoluene, 2,4,6-	31	mg/kg	TRG			5	Y	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7429-90-5	Aluminum	14900	mg/kg	TRG			24.9	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7440-36-0	Antimony	7.5	mg/kg	TRG	U	U	7.5	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7440-38-2	Arsenic	9.6	mg/kg	TRG			1.2	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7440-39-3	Barium	212	mg/kg	TRG			24.9	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7440-41-7	Beryllium	0.66	mg/kg	TRG			0.62	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7440-43-9	Cadmium	0.65	mg/kg	TRG			0.62	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7440-70-2	Calcium	9570	mg/kg	TRG			622	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7440-47-3	Chromium	24.3	mg/kg	TRG			1.2	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7440-48-4	Cobalt	16.4	mg/kg	TRG			6.2	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7440-50-8	Copper	104	mg/kg	TRG			3.1	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7439-89-6	Iron	25100	mg/kg	TRG			12.4	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7439-92-1	Lead	351	mg/kg	TRG			0.37	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7439-95-4	Magnesium	4390	mg/kg	TRG			622	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7439-96-5	Manganese	600	mg/kg	TRG		J	1.9	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7439-97-6	Mercury	0.15	mg/kg	TRG			0.041	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7440-02-0	Nickel	33.1	mg/kg	TRG			5	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7440-09-7	Potassium	1490	mg/kg	TRG			622	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7782-49-2	Selenium	0.99	mg/kg	TRG			0.62	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7440-22-4	Silver	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7440-23-5	Sodium	622	mg/kg	TRG	U	U	622	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7440-28-0	Thallium	1.2	mg/kg	TRG			1.2	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7440-62-2	Vanadium	30	mg/kg	TRG			6.2	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7440-66-6	Zinc	445	mg/kg	TRG			2.5	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	10-00-4	% moisture	19.6	Percent	TRG			0	Y	MOISTURE	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	309-00-2	Aldrin	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	12674-11-2	Aroclor 1016	0.41	mg/kg	TRG	U	U	0.41	N	PEST/PCB	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	11104-28-2	Aroclor 1221	0.41	mg/kg	TRG	U	U	0.41	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	11141-16-5	Aroclor 1232	0.45	mg/kg	TRG	GU	U	0.45	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	53469-21-9	Aroclor 1242	0.41	mg/kg	TRG	U	U	0.41	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	12672-29-6	Aroclor 1248	0.41	mg/kg	TRG	U	U	0.41	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	11097-69-1	Aroclor 1254	2.1	mg/kg	TRG	GU	U	2.1	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	11096-82-5	Aroclor 1260	1.5	mg/kg	TRG			0.41	Y	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	319-84-6	BHC, alpha-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	319-85-7	BHC, beta-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	319-86-8	BHC, delta-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	58-89-9	BHC, gamma-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	5103-71-9	Chlordane, alpha-	0.054	mg/kg	TRG	GU	U	0.054	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	5103-74-2	Chlordane, gamma-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	72-54-8	DDD, 4,4'-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	72-55-9	DDE, 4,4'-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	50-29-3	DDT, 4,4'-	0.067	mg/kg	TRG	GU	U	0.067	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	60-57-1	Dieldrin	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	959-98-8	Endosulfan I	0.045	mg/kg	TRG	GU	U	0.045	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	33213-65-9	Endosulfan II	0.052	mg/kg	TRG	GU	U	0.052	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	1031-07-8	Endosulfan sulfate	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	72-20-8	Endrin	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7421-93-4	Endrin aldehyde	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	53494-70-5	Endrin ketone	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	76-44-8	Heptachlor	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	1024-57-3	Heptachlor epoxide	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	72-43-5	Methoxychlor	0.041	mg/kg	TRG	U	U	0.041	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	8001-35-2	Toxaphene	0.83	mg/kg	TRG	U	U	0.83	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	83-32-9	Acenaphthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	208-96-8	Acenaphthylene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	120-12-7	Anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	56-55-3	Benzo(a)anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	50-32-8	Benzo(a)pyrene	0.15	mg/kg	TRG	J	J	0.41	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	205-99-2	Benzo(b)fluoranthene	0.18	mg/kg	TRG	J	J	0.41	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	191-24-2	Benzo(ghi)perylene	0.095	mg/kg	TRG	J	J	0.41	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	207-08-9	Benzo(k)fluoranthene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	111-91-1	Bis(2-chloroethoxy)methane	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	111-44-4	Bis(2-chloroethyl)ether	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	85-68-7	Butyl benzyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	86-74-8	Carbazole	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	59-50-7	Chloro-3-methylphenol, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	106-47-8	Chloroaniline, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	91-58-7	Chloronaphthalene, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	95-57-8	Chlorophenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	218-01-9	Chrysene	0.085	mg/kg	TRG	J	J	0.41	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	84-74-2	Di-n-butyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	117-84-0	Di-n-octyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	53-70-3	Dibenz(a,h)anthracene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	132-64-9	Dibenzofuran	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	95-50-1	Dichlorobenzene, 1,2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	541-73-1	Dichlorobenzene, 1,3-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	106-46-7	Dichlorobenzene, 1,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	91-94-1	Dichlorobenzidine, 3,3'-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	120-83-2	Dichlorophenol, 2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	84-66-2	Diethyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	131-11-3	Dimethyl phthalate	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	105-67-9	Dimethylphenol, 2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	51-28-5	Dinitrophenol, 2,4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	121-14-2	Dinitrotoluene, 2,4-	1.5	mg/kg	TRG			0.41	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	606-20-2	Dinitrotoluene, 2,6-	0.63	mg/kg	TRG			0.41	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	206-44-0	Fluoranthene	0.11	mg/kg	TRG	J	J	0.41	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	86-73-7	Fluorene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	118-74-1	Hexachlorobenzene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	87-68-3	Hexachlorobutadiene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	77-47-4	Hexachlorocyclopentadiene	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	67-72-1	Hexachloroethane	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.074	mg/kg	TRG	J	J	0.41	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	78-59-1	Isophorone	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	91-57-6	Methylnaphthalene, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	95-48-7	Methylphenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	106-44-5	Methylphenol, 4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	91-20-3	Naphthalene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	88-74-4	Nitroaniline, 2-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	99-09-2	Nitroaniline, 3-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	100-01-6	Nitroaniline, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	98-95-3	Nitrobenzene	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	88-75-5	Nitrophenol, 2-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	100-02-7	Nitrophenol, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	87-86-5	Pentachlorophenol	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	85-01-8	Phenanthrene	0.055	mg/kg	TRG	J	J	0.41	Y	SEMIVOLATILES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	108-95-2	Phenol	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	129-00-0	Pyrene	0.095	mg/kg	TRG	J	J	0.41	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	95-95-4	Trichlorophenol, 2,4,5-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	88-06-2	Trichlorophenol, 2,4,6-	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	621-64-7	n-Nitroso-di-n-propylamine	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	86-30-6	n-Nitrosodiphenylamine	0.41	mg/kg	TRG	U	U	0.41	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	67-64-1	Acetone	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	71-43-2	Benzene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	75-27-4	Bromodichloromethane	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	75-25-2	Bromoform	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	74-83-9	Bromomethane	0.062	mg/kg	TRG	U	U	0.062	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	78-93-3	Butanone, 2-	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	75-15-0	Carbon disulfide	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	56-23-5	Carbon tetrachloride	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	108-90-7	Chlorobenzene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	75-00-3	Chloroethane	0.062	mg/kg	TRG	U	U	0.062	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	67-66-3	Chloroform	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	74-87-3	Chloromethane	0.062	mg/kg	TRG	U	U	0.062	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	124-48-1	Dibromochloromethane	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	75-34-3	Dichloroethane, 1,1-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	107-06-2	Dichloroethane, 1,2-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	75-35-4	Dichloroethene, 1,1-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	540-59-0	Dichloroethene, 1,2-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	78-87-5	Dichloropropane, 1,2-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	10061-01-5	Dichloropropene, cis-1,3-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	10061-02-6	Dichloropropene, trans-1,3-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	100-41-4	Ethylbenzene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	591-78-6	Hexanone, 2-	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	108-10-1	Methyl-2-pentanone, 4-	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	75-09-2	Methylene chloride	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	100-42-5	Styrene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	127-18-4	Tetrachloroethene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	108-88-3	Toluene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	71-55-6	Trichloroethane, 1,1,1-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	79-00-5	Trichloroethane, 1,1,2-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	79-01-6	Trichloroethene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	75-01-4	Vinyl chloride	0.062	mg/kg	TRG	U	U	0.062	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	1-Oct-96	0	0.5	1190	REG	1330-20-7	Xylenes, total	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	57-12-5	Cyanide, total	0.57	mg/kg	TRG	U	U	0.57	N	CYANIDE	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	99-65-0	Dinitrobenzene, 1,3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	121-14-2	Dinitrotoluene, 2,4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	606-20-2	Dinitrotoluene, 2,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	2691-41-0	HMX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	98-95-3	Nitrobenzene	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	88-72-2	Nitrotoluene, 2-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	99-08-1	Nitrotoluene, 3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	121-82-4	RDX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	479-45-8	Tetryl	0.65	mg/kg	TRG	U	U	0.65	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7429-90-5	Aluminum	12100	mg/kg	TRG			22.8	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7440-36-0	Antimony	6.8	mg/kg	TRG	U	UJ	6.8	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7440-38-2	Arsenic	11.9	mg/kg	TRG			1.1	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7440-39-3	Barium	108	mg/kg	TRG			22.8	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7440-41-7	Beryllium	0.67	mg/kg	TRG			0.57	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7440-43-9	Cadmium	0.57	mg/kg	TRG	U	U	0.57	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7440-70-2	Calcium	3540	mg/kg	TRG			569	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7440-47-3	Chromium	17	mg/kg	TRG		J	1.1	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7440-48-4	Cobalt	19.4	mg/kg	TRG			5.7	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7440-50-8	Copper	30.6	mg/kg	TRG			2.8	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7439-89-6	Iron	27400	mg/kg	TRG			11.4	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7439-92-1	Lead	19.5	mg/kg	TRG			0.34	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7439-95-4	Magnesium	3900	mg/kg	TRG			569	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7439-96-5	Manganese	1140	mg/kg	TRG			1.7	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7439-97-6	Mercury	0.038	mg/kg	TRG	U	U	0.038	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7440-02-0	Nickel	40.9	mg/kg	TRG			4.6	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7440-09-7	Potassium	1400	mg/kg	TRG		J	569	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7782-49-2	Selenium	0.57	mg/kg	TRG	U	U	0.57	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7440-22-4	Silver	1.1	mg/kg	TRG	U	U	1.1	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7440-23-5	Sodium	569	mg/kg	TRG	U	U	569	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7440-28-0	Thallium	1.4	mg/kg	TRG			1.1	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7440-62-2	Vanadium	28	mg/kg	TRG		J	5.7	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7440-66-6	Zinc	70.2	mg/kg	TRG			2.3	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	10-00-4	% moisture	12.2	Percent	TRG			0	Y	MOISTURE	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	309-00-2	Aldrin	0.0019	mg/kg	TRG	U	U	0.0019	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	12674-11-2	Aroclor 1016	0.038	mg/kg	TRG	U	U	0.038	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	11104-28-2	Aroclor 1221	0.038	mg/kg	TRG	U	U	0.038	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	11141-16-5	Aroclor 1232	0.038	mg/kg	TRG	U	U	0.038	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	53469-21-9	Aroclor 1242	0.038	mg/kg	TRG	U	U	0.038	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	12672-29-6	Aroclor 1248	0.038	mg/kg	TRG	U	U	0.038	N	PEST/PCB	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	11097-69-1	Aroclor 1254	0.038	mg/kg	TRG	U	U	0.038	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	11096-82-5	Aroclor 1260	0.038	mg/kg	TRG	U	U	0.038	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	319-84-6	BHC, alpha-	0.0019	mg/kg	TRG	U	U	0.0019	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	319-85-7	BHC, beta-	0.0019	mg/kg	TRG	U	U	0.0019	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	319-86-8	BHC, delta-	0.0019	mg/kg	TRG	U	U	0.0019	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	58-89-9	BHC, gamma-	0.0019	mg/kg	TRG	U	U	0.0019	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	5103-71-9	Chlordane, alpha-	0.0019	mg/kg	TRG	U	U	0.0019	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	5103-74-2	Chlordane, gamma-	0.0019	mg/kg	TRG	U	U	0.0019	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	72-54-8	DDD, 4,4'-	0.0019	mg/kg	TRG	U	U	0.0019	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	72-55-9	DDE, 4,4'-	0.0019	mg/kg	TRG	U	U	0.0019	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	50-29-3	DDT, 4,4'-	0.0019	mg/kg	TRG	U	U	0.0019	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	60-57-1	Dieldrin	0.0019	mg/kg	TRG	U	U	0.0019	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	959-98-8	Endosulfan I	0.0019	mg/kg	TRG	U	U	0.0019	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	33213-65-9	Endosulfan II	0.0019	mg/kg	TRG	U	U	0.0019	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	1031-07-8	Endosulfan sulfate	0.0075	mg/kg	TRG	GU	U	0.0075	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	72-20-8	Endrin	0.0019	mg/kg	TRG	U	U	0.0019	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7421-93-4	Endrin aldehyde	0.0019	mg/kg	TRG	U	U	0.0019	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	53494-70-5	Endrin ketone	0.0019	mg/kg	TRG	U	U	0.0019	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	76-44-8	Heptachlor	0.0019	mg/kg	TRG	U	U	0.0019	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	1024-57-3	Heptachlor epoxide	0.0019	mg/kg	TRG	U	U	0.0019	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	72-43-5	Methoxychlor	0.0038	mg/kg	TRG	U	U	0.0038	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	8001-35-2	Toxaphene	0.076	mg/kg	TRG	U	U	0.076	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	83-32-9	Acenaphthene	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	208-96-8	Acenaphthylene	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	120-12-7	Anthracene	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	56-55-3	Benzo(a)anthracene	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	50-32-8	Benzo(a)pyrene	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	205-99-2	Benzo(b)fluoranthene	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	191-24-2	Benzo(ghi)perylene	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	207-08-9	Benzo(k)fluoranthene	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	111-91-1	Bis(2-chloroethoxy)methane	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	111-44-4	Bis(2-chloroethyl)ether	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	85-68-7	Butyl benzyl phthalate	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	86-74-8	Carbazole	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	59-50-7	Chloro-3-methylphenol, 4-	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	106-47-8	Chloroaniline, 4-	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	91-58-7	Chloronaphthalene, 2-	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	95-57-8	Chlorophenol, 2-	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	218-01-9	Chrysene	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	84-74-2	Di-n-butyl phthalate	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	117-84-0	Di-n-octyl phthalate	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	53-70-3	Dibenz(a,h)anthracene	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	132-64-9	Dibenzofuran	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	95-50-1	Dichlorobenzene, 1,2-	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	541-73-1	Dichlorobenzene, 1,3-	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	106-46-7	Dichlorobenzene, 1,4-	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	91-94-1	Dichlorobenzidine, 3,3'-	1.8	mg/kg	TRG	U	U	1.8	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	120-83-2	Dichlorophenol, 2,4-	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	84-66-2	Diethyl phthalate	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	131-11-3	Dimethyl phthalate	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	105-67-9	Dimethylphenol, 2,4-	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	1.8	mg/kg	TRG	U	U	1.8	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	51-28-5	Dinitrophenol, 2,4-	1.8	mg/kg	TRG	U	U	1.8	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	121-14-2	Dinitrotoluene, 2,4-	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	606-20-2	Dinitrotoluene, 2,6-	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	206-44-0	Fluoranthene	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	86-73-7	Fluorene	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	118-74-1	Hexachlorobenzene	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	87-68-3	Hexachlorobutadiene	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	77-47-4	Hexachlorocyclopentadiene	1.8	mg/kg	TRG	U	U	1.8	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	67-72-1	Hexachloroethane	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	78-59-1	Isophorone	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	91-57-6	Methylnaphthalene, 2-	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	95-48-7	Methylphenol, 2-	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	106-44-5	Methylphenol, 4-	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	91-20-3	Naphthalene	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	88-74-4	Nitroaniline, 2-	1.8	mg/kg	TRG	U	U	1.8	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	99-09-2	Nitroaniline, 3-	1.8	mg/kg	TRG	U	U	1.8	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	100-01-6	Nitroaniline, 4-	1.8	mg/kg	TRG	U	U	1.8	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	98-95-3	Nitrobenzene	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	88-75-5	Nitrophenol, 2-	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	100-02-7	Nitrophenol, 4-	1.8	mg/kg	TRG	U	U	1.8	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	87-86-5	Pentachlorophenol	1.8	mg/kg	TRG	U	U	1.8	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	85-01-8	Phenanthrene	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	108-95-2	Phenol	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	129-00-0	Pyrene	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	95-95-4	Trichlorophenol, 2,4,5-	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	88-06-2	Trichlorophenol, 2,4,6-	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	621-64-7	n-Nitroso-di-n-propylamine	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	86-30-6	n-Nitrosodiphenylamine	0.38	mg/kg	TRG	U	U	0.38	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	67-64-1	Acetone	0.023	mg/kg	TRG	U	U	0.023	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	71-43-2	Benzene	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	75-27-4	Bromodichloromethane	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	75-25-2	Bromoform	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	74-83-9	Bromomethane	0.011	mg/kg	TRG	U	U	0.011	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	78-93-3	Butanone, 2-	0.023	mg/kg	TRG	U	U	0.023	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	75-15-0	Carbon disulfide	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	56-23-5	Carbon tetrachloride	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	108-90-7	Chlorobenzene	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	75-00-3	Chloroethane	0.011	mg/kg	TRG	U	U	0.011	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	67-66-3	Chloroform	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	74-87-3	Chloromethane	0.011	mg/kg	TRG	U	U	0.011	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	124-48-1	Dibromochloromethane	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	75-34-3	Dichloroethane, 1,1-	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	107-06-2	Dichloroethane, 1,2-	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	75-35-4	Dichloroethene, 1,1-	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	540-59-0	Dichloroethene, 1,2-	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	78-87-5	Dichloropropane, 1,2-	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	10061-01-5	Dichloropropene, cis-1,3-	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	10061-02-6	Dichloropropene, trans-1,3-	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	100-41-4	Ethylbenzene	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	591-78-6	Hexanone, 2-	0.023	mg/kg	TRG	U	U	0.023	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	108-10-1	Methyl-2-pentanone, 4-	0.023	mg/kg	TRG	U	U	0.023	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	75-09-2	Methylene chloride	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	100-42-5	Styrene	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	127-18-4	Tetrachloroethene	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	108-88-3	Toluene	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	71-55-6	Trichloroethane, 1,1,1-	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	79-00-5	Trichloroethane, 1,1,2-	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	79-01-6	Trichloroethene	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	75-01-4	Vinyl chloride	0.011	mg/kg	TRG	U	U	0.011	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	2	3	1200	REG	1330-20-7	Xylenes, total	0.0057	mg/kg	TRG	U	U	0.0057	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	57-12-5	Cyanide, total	0.59	mg/kg	TRG	U	U	0.59	N	CYANIDE	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	99-65-0	Dinitrobenzene, 1,3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	121-14-2	Dinitrotoluene, 2,4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	606-20-2	Dinitrotoluene, 2,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	2691-41-0	HMX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	98-95-3	Nitrobenzene	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	88-72-2	Nitrotoluene, 2-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	99-08-1	Nitrotoluene, 3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	121-82-4	RDX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	479-45-8	Tetryl	0.65	mg/kg	TRG	U	U	0.65	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7429-90-5	Aluminum	6100	mg/kg	TRG			23.5	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7440-36-0	Antimony	7	mg/kg	TRG	U	UJ	7	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7440-38-2	Arsenic	9	mg/kg	TRG			1.2	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7440-39-3	Barium	39.3	mg/kg	TRG			23.5	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7440-41-7	Beryllium	0.59	mg/kg	TRG	U	U	0.59	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7440-43-9	Cadmium	0.59	mg/kg	TRG	U	U	0.59	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7440-70-2	Calcium	54000	mg/kg	TRG			587	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7440-47-3	Chromium	10.5	mg/kg	TRG		J	1.2	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7440-48-4	Cobalt	7	mg/kg	TRG			5.9	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7440-50-8	Copper	19.4	mg/kg	TRG			2.9	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7439-89-6	Iron	17600	mg/kg	TRG			11.7	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7439-92-1	Lead	11.8	mg/kg	TRG			0.35	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7439-95-4	Magnesium	19000	mg/kg	TRG			587	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7439-96-5	Manganese	421	mg/kg	TRG			1.8	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7439-97-6	Mercury	0.039	mg/kg	TRG	U	U	0.039	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7440-02-0	Nickel	17.1	mg/kg	TRG			4.7	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7440-09-7	Potassium	1240	mg/kg	TRG		J	587	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7782-49-2	Selenium	0.59	mg/kg	TRG	U	U	0.59	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7440-22-4	Silver	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7440-23-5	Sodium	587	mg/kg	TRG	U	U	587	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7440-28-0	Thallium	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7440-62-2	Vanadium	20	mg/kg	TRG		J	5.9	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7440-66-6	Zinc	52.9	mg/kg	TRG			2.3	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	10-00-4	% moisture	14.8	Percent	TRG			0	Y	MOISTURE	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	309-00-2	Aldrin	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	12674-11-2	Aroclor 1016	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	11104-28-2	Aroclor 1221	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	11141-16-5	Aroclor 1232	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	53469-21-9	Aroclor 1242	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	12672-29-6	Aroclor 1248	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	11097-69-1	Aroclor 1254	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	11096-82-5	Aroclor 1260	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	319-84-6	BHC, alpha-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	319-85-7	BHC, beta-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	319-86-8	BHC, delta-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	58-89-9	BHC, gamma-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	5103-71-9	Chlordane, alpha-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	5103-74-2	Chlordane, gamma-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	72-54-8	DDD, 4,4'-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	72-55-9	DDE, 4,4'-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	50-29-3	DDT, 4,4'-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	60-57-1	Dieldrin	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	959-98-8	Endosulfan I	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	33213-65-9	Endosulfan II	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	1031-07-8	Endosulfan sulfate	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	72-20-8	Endrin	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7421-93-4	Endrin aldehyde	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	53494-70-5	Endrin ketone	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	76-44-8	Heptachlor	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	1024-57-3	Heptachlor epoxide	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	72-43-5	Methoxychlor	0.0039	mg/kg	TRG	U	U	0.0039	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	8001-35-2	Toxaphene	0.079	mg/kg	TRG	U	U	0.079	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	83-32-9	Acenaphthene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	208-96-8	Acenaphthylene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	120-12-7	Anthracene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	56-55-3	Benzo(a)anthracene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	50-32-8	Benzo(a)pyrene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	205-99-2	Benzo(b)fluoranthene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	191-24-2	Benzo(ghi)perylene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	207-08-9	Benzo(k)fluoranthene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	111-91-1	Bis(2-chloroethoxy)methane	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	111-44-4	Bis(2-chloroethyl)ether	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	85-68-7	Butyl benzyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	86-74-8	Carbazole	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	59-50-7	Chloro-3-methylphenol, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	106-47-8	Chloroaniline, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	91-58-7	Chloronaphthalene, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	95-57-8	Chlorophenol, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	218-01-9	Chrysene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	84-74-2	Di-n-butyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	117-84-0	Di-n-octyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	53-70-3	Dibenz(a,h)anthracene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	132-64-9	Dibenzofuran	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	95-50-1	Dichlorobenzene, 1,2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	541-73-1	Dichlorobenzene, 1,3-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	106-46-7	Dichlorobenzene, 1,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	91-94-1	Dichlorobenzidine, 3,3'-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	120-83-2	Dichlorophenol, 2,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	84-66-2	Diethyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	131-11-3	Dimethyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	105-67-9	Dimethylphenol, 2,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	51-28-5	Dinitrophenol, 2,4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	121-14-2	Dinitrotoluene, 2,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	606-20-2	Dinitrotoluene, 2,6-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	206-44-0	Fluoranthene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	86-73-7	Fluorene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	118-74-1	Hexachlorobenzene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	87-68-3	Hexachlorobutadiene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	77-47-4	Hexachlorocyclopentadiene	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	67-72-1	Hexachloroethane	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	78-59-1	Isophorone	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	91-57-6	Methylnaphthalene, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	95-48-7	Methylphenol, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	106-44-5	Methylphenol, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	91-20-3	Naphthalene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	88-74-4	Nitroaniline, 2-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	99-09-2	Nitroaniline, 3-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	100-01-6	Nitroaniline, 4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	98-95-3	Nitrobenzene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	88-75-5	Nitrophenol, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	100-02-7	Nitrophenol, 4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	87-86-5	Pentachlorophenol	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	85-01-8	Phenanthrene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	108-95-2	Phenol	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	129-00-0	Pyrene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	95-95-4	Trichlorophenol, 2,4,5-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	88-06-2	Trichlorophenol, 2,4,6-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	621-64-7	n-Nitroso-di-n-propylamine	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	86-30-6	n-Nitrosodiphenylamine	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	67-64-1	Acetone	0.023	mg/kg	TRG	U	U	0.023	N	VOLATILES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	71-43-2	Benzene	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	75-27-4	Bromodichloromethane	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	75-25-2	Bromoform	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	74-83-9	Bromomethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	78-93-3	Butanone, 2-	0.023	mg/kg	TRG	U	U	0.023	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	75-15-0	Carbon disulfide	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	56-23-5	Carbon tetrachloride	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	108-90-7	Chlorobenzene	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	75-00-3	Chloroethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	67-66-3	Chloroform	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	74-87-3	Chloromethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	124-48-1	Dibromochloromethane	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	75-34-3	Dichloroethane, 1,1-	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	107-06-2	Dichloroethane, 1,2-	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	75-35-4	Dichloroethene, 1,1-	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	540-59-0	Dichloroethene, 1,2-	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	78-87-5	Dichloropropane, 1,2-	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	10061-01-5	Dichloropropene, cis-1,3-	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	10061-02-6	Dichloropropene, trans-1,3-	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	100-41-4	Ethylbenzene	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	591-78-6	Hexanone, 2-	0.023	mg/kg	TRG	U	U	0.023	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	108-10-1	Methyl-2-pentanone, 4-	0.023	mg/kg	TRG	U	U	0.023	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	75-09-2	Methylene chloride	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	100-42-5	Styrene	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	127-18-4	Tetrachloroethene	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	108-88-3	Toluene	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	71-55-6	Trichloroethane, 1,1,1-	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	79-00-5	Trichloroethane, 1,1,2-	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	79-01-6	Trichloroethene	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	75-01-4	Vinyl chloride	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1210	REG	1330-20-7	Xylenes, total	0.0059	mg/kg	TRG	U	U	0.0059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	57-12-5	Cyanide, total	0.59	mg/kg	TRG	U	U	0.59	N	CYANIDE	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	99-65-0	Dinitrobenzene, 1,3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	121-14-2	Dinitrotoluene, 2,4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	606-20-2	Dinitrotoluene, 2,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	2691-41-0	HMX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	98-95-3	Nitrobenzene	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	88-72-2	Nitrotoluene, 2-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	99-08-1	Nitrotoluene, 3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	121-82-4	RDX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	479-45-8	Tetryl	0.65	mg/kg	TRG	U	U	0.65	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	99-35-4	Trinitrobenzene, 1,3,5-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	118-96-7	Trinitrotoluene, 2,4,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7429-90-5	Aluminum	6350	mg/kg	TRG			23.8	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7440-36-0	Antimony	7.1	mg/kg	TRG	U	UJ	7.1	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7440-38-2	Arsenic	8.2	mg/kg	TRG			1.2	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7440-39-3	Barium	42	mg/kg	TRG			23.8	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7440-41-7	Beryllium	0.59	mg/kg	TRG	U	U	0.59	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7440-43-9	Cadmium	0.59	mg/kg	TRG	U	U	0.59	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7440-70-2	Calcium	55700	mg/kg	TRG			594	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7440-47-3	Chromium	11.1	mg/kg	TRG		J	1.2	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7440-48-4	Cobalt	6.8	mg/kg	TRG			5.9	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7440-50-8	Copper	19.4	mg/kg	TRG			3	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7439-89-6	Iron	17700	mg/kg	TRG			11.9	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7439-92-1	Lead	10.1	mg/kg	TRG			0.36	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7439-95-4	Magnesium	19700	mg/kg	TRG			594	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7439-96-5	Manganese	428	mg/kg	TRG			1.8	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7439-97-6	Mercury	0.039	mg/kg	TRG	U	U	0.039	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7440-02-0	Nickel	18.1	mg/kg	TRG			4.8	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7440-09-7	Potassium	1260	mg/kg	TRG		J	594	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7782-49-2	Selenium	0.59	mg/kg	TRG	U	U	0.59	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7440-22-4	Silver	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7440-23-5	Sodium	594	mg/kg	TRG	U	U	594	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7440-28-0	Thallium	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7440-62-2	Vanadium	20.3	mg/kg	TRG		J	5.9	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7440-66-6	Zinc	48.6	mg/kg	TRG			2.4	Y	METALS	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	10-00-4	% moisture	15.8	Percent	TRG			0	Y	MOISTURE	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	309-00-2	Aldrin	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	12674-11-2	Aroclor 1016	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	11104-28-2	Aroclor 1221	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	11141-16-5	Aroclor 1232	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	53469-21-9	Aroclor 1242	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	12672-29-6	Aroclor 1248	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	11097-69-1	Aroclor 1254	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	11096-82-5	Aroclor 1260	0.039	mg/kg	TRG	U	U	0.039	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	319-84-6	BHC, alpha-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	319-85-7	BHC, beta-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	319-86-8	BHC, delta-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	58-89-9	BHC, gamma-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	5103-71-9	Chlordane, alpha-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	5103-74-2	Chlordane, gamma-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	72-54-8	DDD, 4,4'-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	72-55-9	DDE, 4,4'-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	50-29-3	DDT, 4,4'-	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	60-57-1	Dieldrin	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	959-98-8	Endosulfan I	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	33213-65-9	Endosulfan II	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	1031-07-8	Endosulfan sulfate	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	72-20-8	Endrin	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7421-93-4	Endrin aldehyde	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	53494-70-5	Endrin ketone	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	76-44-8	Heptachlor	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	1024-57-3	Heptachlor epoxide	0.002	mg/kg	TRG	U	U	0.002	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	72-43-5	Methoxychlor	0.0039	mg/kg	TRG	U	U	0.0039	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	8001-35-2	Toxaphene	0.08	mg/kg	TRG	U	U	0.08	N	PEST/PCB	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	83-32-9	Acenaphthene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	208-96-8	Acenaphthylene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	120-12-7	Anthracene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	56-55-3	Benzo(a)anthracene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	50-32-8	Benzo(a)pyrene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	205-99-2	Benzo(b)fluoranthene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	191-24-2	Benzo(ghi)perylene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	207-08-9	Benzo(k)fluoranthene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	111-91-1	Bis(2-chloroethoxy)methane	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	111-44-4	Bis(2-chloroethyl)ether	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	108-60-1	Bis(2-chloroisopropyl)ether	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	117-81-7	Bis(2-ethylhexyl)phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	101-55-3	Bromophenyl phenyl ether, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	85-68-7	Butyl benzyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	86-74-8	Carbazole	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	59-50-7	Chloro-3-methylphenol, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	106-47-8	Chloroaniline, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	91-58-7	Chloronaphthalene, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	95-57-8	Chlorophenol, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	7005-72-3	Chlorophenyl phenyl ether, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	218-01-9	Chrysene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	84-74-2	Di-n-butyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	117-84-0	Di-n-octyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	53-70-3	Dibenz(a,h)anthracene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	132-64-9	Dibenzofuran	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	95-50-1	Dichlorobenzene, 1,2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	541-73-1	Dichlorobenzene, 1,3-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	106-46-7	Dichlorobenzene, 1,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	91-94-1	Dichlorobenzidine, 3,3'-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	120-83-2	Dichlorophenol, 2,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	84-66-2	Diethyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	131-11-3	Dimethyl phthalate	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	105-67-9	Dimethylphenol, 2,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	534-52-1	Dinitro-2-methylphenol, 4,6-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	51-28-5	Dinitrophenol, 2,4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	121-14-2	Dinitrotoluene, 2,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	606-20-2	Dinitrotoluene, 2,6-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	206-44-0	Fluoranthene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	86-73-7	Fluorene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	118-74-1	Hexachlorobenzene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	87-68-3	Hexachlorobutadiene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	77-47-4	Hexachlorocyclopentadiene	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	67-72-1	Hexachloroethane	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	193-39-5	Indeno(1,2,3-cd)pyrene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	78-59-1	Isophorone	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	91-57-6	Methylnaphthalene, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	95-48-7	Methylphenol, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	106-44-5	Methylphenol, 4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	91-20-3	Naphthalene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	88-74-4	Nitroaniline, 2-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	99-09-2	Nitroaniline, 3-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	100-01-6	Nitroaniline, 4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	98-95-3	Nitrobenzene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	88-75-5	Nitrophenol, 2-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	100-02-7	Nitrophenol, 4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	87-86-5	Pentachlorophenol	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	85-01-8	Phenanthrene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	108-95-2	Phenol	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	129-00-0	Pyrene	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	120-82-1	Trichlorobenzene, 1,2,4-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	95-95-4	Trichlorophenol, 2,4,5-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	88-06-2	Trichlorophenol, 2,4,6-	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	621-64-7	n-Nitroso-di-n-propylamine	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	86-30-6	n-Nitrosodiphenylamine	0.39	mg/kg	TRG	U	U	0.39	N	SEMIVOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	67-64-1	Acetone	0.16	mg/kg	TRG			0.12	Y	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	71-43-2	Benzene	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	75-27-4	Bromodichloromethane	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	75-25-2	Bromoform	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	74-83-9	Bromomethane	0.059	mg/kg	TRG	U	U	0.059	N	VOLATILES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	78-93-3	Butanone, 2-	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	75-15-0	Carbon disulfide	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	56-23-5	Carbon tetrachloride	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	108-90-7	Chlorobenzene	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	75-00-3	Chloroethane	0.059	mg/kg	TRG	U	U	0.059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	67-66-3	Chloroform	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	74-87-3	Chloromethane	0.059	mg/kg	TRG	U	U	0.059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	124-48-1	Dibromochloromethane	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	75-34-3	Dichloroethane, 1,1-	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	107-06-2	Dichloroethane, 1,2-	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	75-35-4	Dichloroethene, 1,1-	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	540-59-0	Dichloroethene, 1,2-	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	78-87-5	Dichloropropane, 1,2-	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	10061-01-5	Dichloropropene, cis-1,3-	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	10061-02-6	Dichloropropene, trans-1,3-	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	100-41-4	Ethylbenzene	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	591-78-6	Hexanone, 2-	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	108-10-1	Methyl-2-pentanone, 4-	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	75-09-2	Methylene chloride	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	100-42-5	Styrene	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	79-34-5	Tetrachloroethane, 1,1,2,2-	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	127-18-4	Tetrachloroethene	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	108-88-3	Toluene	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	71-55-6	Trichloroethane, 1,1,1-	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	79-00-5	Trichloroethane, 1,1,2-	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	79-01-6	Trichloroethene	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	75-01-4	Vinyl chloride	0.059	mg/kg	TRG	U	U	0.059	N	VOLATILES	Y
OUT_2BG	2BGS007	622194.804	1912993.021	638.65	SO	2-Oct-96	6	7	1211	FD	1330-20-7	Xylenes, total	0.03	mg/kg	TRG	U	U	0.03	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	57-12-5	Cyanide, total	1	mg/kg	TRG			0.61	Y	CYANIDE	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	110	mg/kg	TRG	GU	U	110	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	99-65-0	Dinitrobenzene, 1,3-	12	mg/kg	TRG	U	U	12	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	121-14-2	Dinitrotoluene, 2,4-	40	mg/kg	TRG			12	Y	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	606-20-2	Dinitrotoluene, 2,6-	12	mg/kg	TRG	U	U	12	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	2691-41-0	HMX	25	mg/kg	TRG	U	U	25	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	98-95-3	Nitrobenzene	12	mg/kg	TRG	U	U	12	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	88-72-2	Nitrotoluene, 2-	12	mg/kg	TRG	U	U	12	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	99-08-1	Nitrotoluene, 3-	12	mg/kg	TRG	U	U	12	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	121-82-4	RDX	25	mg/kg	TRG	U	U	25	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	479-45-8	Tetryl	32	mg/kg	TRG	U	U	32	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	99-35-4	Trinitrobenzene, 1,3,5-	15	mg/kg	TRG			12	Y	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	118-96-7	Trinitrotoluene, 2,4,6-	210	mg/kg	TRG			12	Y	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7429-90-5	Aluminum	9700	mg/kg	TRG			24.5	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7440-36-0	Antimony	7.3	mg/kg	TRG	U	U	7.3	N	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7440-38-2	Arsenic	9	mg/kg	TRG			1.2	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7440-39-3	Barium	204	mg/kg	TRG			24.5	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7440-41-7	Beryllium	0.78	mg/kg	TRG			0.61	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7440-43-9	Cadmium	0.78	mg/kg	TRG			0.61	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7440-70-2	Calcium	35800	mg/kg	TRG			612	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7440-47-3	Chromium	21.1	mg/kg	TRG			1.2	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7440-48-4	Cobalt	12.4	mg/kg	TRG			6.1	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7440-50-8	Copper	124	mg/kg	TRG			3.1	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7439-89-6	Iron	24500	mg/kg	TRG			12.2	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7439-92-1	Lead	603	mg/kg	TRG			0.37	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7439-95-4	Magnesium	6370	mg/kg	TRG			612	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7439-96-5	Manganese	284	mg/kg	TRG		J	1.8	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7439-97-6	Mercury	0.14	mg/kg	TRG			0.04	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7440-02-0	Nickel	35.7	mg/kg	TRG			4.9	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7440-09-7	Potassium	2520	mg/kg	TRG			612	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7782-49-2	Selenium	0.95	mg/kg	TRG			0.61	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7440-22-4	Silver	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7440-23-5	Sodium	612	mg/kg	TRG	U	U	612	N	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7440-28-0	Thallium	1.3	mg/kg	TRG			1.2	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7440-62-2	Vanadium	26.3	mg/kg	TRG			6.1	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7440-66-6	Zinc	349	mg/kg	TRG			2.4	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	10-00-4	% moisture	18.3	Percent	TRG			0	Y	MOISTURE	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	309-00-2	Aldrin	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	12674-11-2	Aroclor 1016	0.87	mg/kg	TRG	GU	U	0.87	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	11104-28-2	Aroclor 1221	0.4	mg/kg	TRG	U	U	0.4	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	11141-16-5	Aroclor 1232	1.6	mg/kg	TRG	GU	U	1.6	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	53469-21-9	Aroclor 1242	0.7	mg/kg	TRG	GU	U	0.7	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	12672-29-6	Aroclor 1248	0.78	mg/kg	TRG	GU	U	0.78	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	11097-69-1	Aroclor 1254	1.9	mg/kg	TRG	GU	U	1.9	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	11096-82-5	Aroclor 1260	1.4	mg/kg	TRG			0.4	Y	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	319-84-6	BHC, alpha-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	319-85-7	BHC, beta-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	319-86-8	BHC, delta-	0.059	mg/kg	TRG	GU	U	0.059	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	58-89-9	BHC, gamma-	0.14	mg/kg	TRG	GU	U	0.14	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	5103-71-9	Chlordane, alpha-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	5103-74-2	Chlordane, gamma-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	72-54-8	DDD, 4,4'-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	72-55-9	DDE, 4,4'-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	50-29-3	DDT, 4,4'-	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	60-57-1	Dieldrin	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	959-98-8	Endosulfan I	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	33213-65-9	Endosulfan II	0.048	mg/kg	TRG	GU	U	0.048	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	1031-07-8	Endosulfan sulfate	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	72-20-8	Endrin	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7421-93-4	Endrin aldehyde	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	53494-70-5	Endrin ketone	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	76-44-8	Heptachlor	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	1024-57-3	Heptachlor epoxide	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	72-43-5	Methoxychlor	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	8001-35-2	Toxaphene	0.82	mg/kg	TRG	U	U	0.82	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	83-32-9	Acenaphthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	208-96-8	Acenaphthylene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	120-12-7	Anthracene	0.055	mg/kg	TRG	J	J	0.4	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	56-55-3	Benzo(a)anthracene	0.063	mg/kg	TRG	J	J	0.4	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	50-32-8	Benzo(a)pyrene	0.13	mg/kg	TRG	J	J	0.4	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	205-99-2	Benzo(b)fluoranthene	0.82	mg/kg	TRG		J	0.4	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	191-24-2	Benzo(ghi)perylene	0.2	mg/kg	TRG	J	J	0.4	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	207-08-9	Benzo(k)fluoranthene	0.43	mg/kg	TRG		J	0.4	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	111-91-1	Bis(2-chloroethoxy)methane	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	111-44-4	Bis(2-chloroethyl)ether	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	85-68-7	Butyl benzyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	86-74-8	Carbazole	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	59-50-7	Chloro-3-methylphenol, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	106-47-8	Chloroaniline, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	91-58-7	Chloronaphthalene, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	95-57-8	Chlorophenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	218-01-9	Chrysene	0.12	mg/kg	TRG	J	J	0.4	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	84-74-2	Di-n-butyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	117-84-0	Di-n-octyl phthalate	0.4	mg/kg	TRG	U	UJ	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	53-70-3	Dibenz(a,h)anthracene	0.4	mg/kg	TRG	U	UJ	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	132-64-9	Dibenzofuran	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	95-50-1	Dichlorobenzene, 1,2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	541-73-1	Dichlorobenzene, 1,3-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	106-46-7	Dichlorobenzene, 1,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	91-94-1	Dichlorobenzidine, 3,3'-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	120-83-2	Dichlorophenol, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	84-66-2	Diethyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	131-11-3	Dimethyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	105-67-9	Dimethylphenol, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	51-28-5	Dinitrophenol, 2,4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	121-14-2	Dinitrotoluene, 2,4-	13	mg/kg	TRG			2.8	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	606-20-2	Dinitrotoluene, 2,6-	7.7	mg/kg	TRG			2.8	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	206-44-0	Fluoranthene	0.16	mg/kg	TRG	J	J	0.4	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	86-73-7	Fluorene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	118-74-1	Hexachlorobenzene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	87-68-3	Hexachlorobutadiene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	77-47-4	Hexachlorocyclopentadiene	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	67-72-1	Hexachloroethane	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.4	mg/kg	TRG	U	UJ	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	78-59-1	Isophorone	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	91-57-6	Methylnaphthalene, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	95-48-7	Methylphenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	106-44-5	Methylphenol, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	91-20-3	Naphthalene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	88-74-4	Nitroaniline, 2-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	99-09-2	Nitroaniline, 3-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	100-01-6	Nitroaniline, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	98-95-3	Nitrobenzene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	88-75-5	Nitrophenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	100-02-7	Nitrophenol, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	87-86-5	Pentachlorophenol	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	85-01-8	Phenanthrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	108-95-2	Phenol	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	129-00-0	Pyrene	0.12	mg/kg	TRG	J	J	0.4	Y	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	95-95-4	Trichlorophenol, 2,4,5-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	88-06-2	Trichlorophenol, 2,4,6-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	621-64-7	n-Nitroso-di-n-propylamine	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	86-30-6	n-Nitrosodiphenylamine	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	67-64-1	Acetone	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	71-43-2	Benzene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	75-27-4	Bromodichloromethane	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	75-25-2	Bromoform	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	74-83-9	Bromomethane	0.061	mg/kg	TRG	U	U	0.061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	78-93-3	Butanone, 2-	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	75-15-0	Carbon disulfide	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	56-23-5	Carbon tetrachloride	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	108-90-7	Chlorobenzene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	75-00-3	Chloroethane	0.061	mg/kg	TRG	U	U	0.061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	67-66-3	Chloroform	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	74-87-3	Chloromethane	0.061	mg/kg	TRG	U	U	0.061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	124-48-1	Dibromochloromethane	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	75-34-3	Dichloroethane, 1,1-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	107-06-2	Dichloroethane, 1,2-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	75-35-4	Dichloroethene, 1,1-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	540-59-0	Dichloroethene, 1,2-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	78-87-5	Dichloropropane, 1,2-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	10061-01-5	Dichloropropene, cis-1,3-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	10061-02-6	Dichloropropene, trans-1,3-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	100-41-4	Ethylbenzene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	591-78-6	Hexanone, 2-	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	108-10-1	Methyl-2-pentanone, 4-	0.12	mg/kg	TRG	U	U	0.12	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	75-09-2	Methylene chloride	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	100-42-5	Styrene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	127-18-4	Tetrachloroethene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	108-88-3	Toluene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	71-55-6	Trichloroethane, 1,1,1-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	79-00-5	Trichloroethane, 1,1,2-	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	79-01-6	Trichloroethene	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	75-01-4	Vinyl chloride	0.061	mg/kg	TRG	U	U	0.061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	1-Oct-96	0	0.5	1220	REG	1330-20-7	Xylenes, total	0.031	mg/kg	TRG	U	U	0.031	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	57-12-5	Cyanide, total	0.61	mg/kg	TRG	U	U	0.61	N	CYANIDE	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	99-65-0	Dinitrobenzene, 1,3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	121-14-2	Dinitrotoluene, 2,4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	606-20-2	Dinitrotoluene, 2,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	2691-41-0	HMX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	98-95-3	Nitrobenzene	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	88-72-2	Nitrotoluene, 2-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	99-08-1	Nitrotoluene, 3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	121-82-4	RDX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	479-45-8	Tetryl	0.65	mg/kg	TRG	U	U	0.65	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7429-90-5	Aluminum	12900	mg/kg	TRG			24.4	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7440-36-0	Antimony	7.3	mg/kg	TRG	U	UJ	7.3	N	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7440-38-2	Arsenic	9.9	mg/kg	TRG			1.2	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7440-39-3	Barium	68.7	mg/kg	TRG			24.4	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7440-41-7	Beryllium	0.61	mg/kg	TRG	U	U	0.61	N	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7440-43-9	Cadmium	0.61	mg/kg	TRG	U	U	0.61	N	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7440-70-2	Calcium	3650	mg/kg	TRG			609	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7440-47-3	Chromium	19.2	mg/kg	TRG		J	1.2	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7440-48-4	Cobalt	9.1	mg/kg	TRG			6.1	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7440-50-8	Copper	26.3	mg/kg	TRG			3	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7439-89-6	Iron	27500	mg/kg	TRG			12.2	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7439-92-1	Lead	13.3	mg/kg	TRG			0.37	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7439-95-4	Magnesium	4240	mg/kg	TRG			609	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7439-96-5	Manganese	205	mg/kg	TRG			1.8	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7439-97-6	Mercury	0.04	mg/kg	TRG	U	U	0.04	N	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7440-02-0	Nickel	24.3	mg/kg	TRG			4.9	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7440-09-7	Potassium	1740	mg/kg	TRG		J	609	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7782-49-2	Selenium	0.61	mg/kg	TRG	U	U	0.61	N	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7440-22-4	Silver	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7440-23-5	Sodium	609	mg/kg	TRG	U	U	609	N	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7440-28-0	Thallium	1.3	mg/kg	TRG			1.2	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7440-62-2	Vanadium	28.7	mg/kg	TRG		J	6.1	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7440-66-6	Zinc	67.7	mg/kg	TRG			2.4	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	10-00-4	% moisture	17.9	Percent	TRG			0	Y	MOISTURE	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	309-00-2	Aldrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	12674-11-2	Aroclor 1016	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	11104-28-2	Aroclor 1221	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	11141-16-5	Aroclor 1232	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	53469-21-9	Aroclor 1242	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	12672-29-6	Aroclor 1248	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	11097-69-1	Aroclor 1254	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	11096-82-5	Aroclor 1260	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	319-84-6	BHC, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	319-85-7	BHC, beta-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	319-86-8	BHC, delta-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	58-89-9	BHC, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	5103-71-9	Chlordane, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	5103-74-2	Chlordane, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	72-54-8	DDD, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	72-55-9	DDE, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	50-29-3	DDT, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	60-57-1	Dieldrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	959-98-8	Endosulfan I	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	33213-65-9	Endosulfan II	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	1031-07-8	Endosulfan sulfate	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	72-20-8	Endrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7421-93-4	Endrin aldehyde	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	53494-70-5	Endrin ketone	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	76-44-8	Heptachlor	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	1024-57-3	Heptachlor epoxide	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	72-43-5	Methoxychlor	0.004	mg/kg	TRG	U	U	0.004	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	8001-35-2	Toxaphene	0.082	mg/kg	TRG	U	U	0.082	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	83-32-9	Acenaphthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	208-96-8	Acenaphthylene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	120-12-7	Anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	56-55-3	Benzo(a)anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	50-32-8	Benzo(a)pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	205-99-2	Benzo(b)fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	191-24-2	Benzo(ghi)perylene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	207-08-9	Benzo(k)fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	111-91-1	Bis(2-chloroethoxy)methane	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	111-44-4	Bis(2-chloroethyl)ether	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	85-68-7	Butyl benzyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	86-74-8	Carbazole	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	59-50-7	Chloro-3-methylphenol, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	106-47-8	Chloroaniline, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	91-58-7	Chloronaphthalene, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	95-57-8	Chlorophenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	218-01-9	Chrysene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	84-74-2	Di-n-butyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	117-84-0	Di-n-octyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	53-70-3	Dibenz(a,h)anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	132-64-9	Dibenzofuran	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	95-50-1	Dichlorobenzene, 1,2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	541-73-1	Dichlorobenzene, 1,3-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	106-46-7	Dichlorobenzene, 1,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	91-94-1	Dichlorobenzidine, 3,3'-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	120-83-2	Dichlorophenol, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	84-66-2	Diethyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	131-11-3	Dimethyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	105-67-9	Dimethylphenol, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	51-28-5	Dinitrophenol, 2,4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	121-14-2	Dinitrotoluene, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	606-20-2	Dinitrotoluene, 2,6-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	206-44-0	Fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	86-73-7	Fluorene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	118-74-1	Hexachlorobenzene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	87-68-3	Hexachlorobutadiene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	77-47-4	Hexachlorocyclopentadiene	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	67-72-1	Hexachloroethane	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	78-59-1	Isophorone	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	91-57-6	Methylnaphthalene, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	95-48-7	Methylphenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	106-44-5	Methylphenol, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	91-20-3	Naphthalene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	88-74-4	Nitroaniline, 2-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	99-09-2	Nitroaniline, 3-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	100-01-6	Nitroaniline, 4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	98-95-3	Nitrobenzene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	88-75-5	Nitrophenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	100-02-7	Nitrophenol, 4-	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	87-86-5	Pentachlorophenol	1.9	mg/kg	TRG	U	U	1.9	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	85-01-8	Phenanthrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	108-95-2	Phenol	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	129-00-0	Pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	95-95-4	Trichlorophenol, 2,4,5-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	88-06-2	Trichlorophenol, 2,4,6-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	621-64-7	n-Nitroso-di-n-propylamine	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	86-30-6	n-Nitrosodiphenylamine	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	67-64-1	Acetone	0.017	mg/kg	TRG	J	J	0.024	Y	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	71-43-2	Benzene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	75-27-4	Bromodichloromethane	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	75-25-2	Bromoform	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	74-83-9	Bromomethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	78-93-3	Butanone, 2-	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	75-15-0	Carbon disulfide	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	56-23-5	Carbon tetrachloride	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	108-90-7	Chlorobenzene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	75-00-3	Chloroethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	67-66-3	Chloroform	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	74-87-3	Chloromethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	124-48-1	Dibromochloromethane	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	75-34-3	Dichloroethane, 1,1-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	107-06-2	Dichloroethane, 1,2-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	75-35-4	Dichloroethene, 1,1-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	540-59-0	Dichloroethene, 1,2-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	78-87-5	Dichloropropane, 1,2-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	10061-01-5	Dichloropropene, cis-1,3-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	10061-02-6	Dichloropropene, trans-1,3-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	100-41-4	Ethylbenzene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	591-78-6	Hexanone, 2-	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	108-10-1	Methyl-2-pentanone, 4-	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	75-09-2	Methylene chloride	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	100-42-5	Styrene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	127-18-4	Tetrachloroethene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	108-88-3	Toluene	0.0019	mg/kg	TRG	J	J	0.0061	Y	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	71-55-6	Trichloroethane, 1,1,1-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	79-00-5	Trichloroethane, 1,1,2-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	79-01-6	Trichloroethene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	75-01-4	Vinyl chloride	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	2	3	1230	REG	1330-20-7	Xylenes, total	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	57-12-5	Cyanide, total	0.61	mg/kg	TRG	U	U	0.61	N	CYANIDE	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	99-65-0	Dinitrobenzene, 1,3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	121-14-2	Dinitrotoluene, 2,4-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	606-20-2	Dinitrotoluene, 2,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	2691-41-0	HMX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	98-95-3	Nitrobenzene	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	88-72-2	Nitrotoluene, 2-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	99-08-1	Nitrotoluene, 3-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	121-82-4	RDX	0.5	mg/kg	TRG	U	U	0.5	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	479-45-8	Tetryl	0.65	mg/kg	TRG	U	U	0.65	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.25	mg/kg	TRG	U	U	0.25	N	EXPLOSIVES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7429-90-5	Aluminum	12000	mg/kg	TRG			24.4	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7440-36-0	Antimony	7.3	mg/kg	TRG	U	UJ	7.3	N	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7440-38-2	Arsenic	5.3	mg/kg	TRG			1.2	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7440-39-3	Barium	66.7	mg/kg	TRG			24.4	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7440-41-7	Beryllium	0.61	mg/kg	TRG	U	U	0.61	N	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7440-43-9	Cadmium	0.61	mg/kg	TRG	U	U	0.61	N	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7440-70-2	Calcium	54600	mg/kg	TRG			611	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7440-47-3	Chromium	17.8	mg/kg	TRG		J	1.2	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7440-48-4	Cobalt	8.1	mg/kg	TRG			6.1	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7440-50-8	Copper	25.6	mg/kg	TRG			3.1	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7439-89-6	Iron	21300	mg/kg	TRG			12.2	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7439-92-1	Lead	21.2	mg/kg	TRG			0.37	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7439-95-4	Magnesium	16400	mg/kg	TRG			611	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7439-96-5	Manganese	309	mg/kg	TRG			1.8	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7439-97-6	Mercury	0.058	mg/kg	TRG			0.04	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7440-02-0	Nickel	20	mg/kg	TRG			4.9	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7440-09-7	Potassium	2470	mg/kg	TRG		J	611	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7782-49-2	Selenium	0.61	mg/kg	TRG	U	U	0.61	N	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7440-22-4	Silver	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7440-23-5	Sodium	611	mg/kg	TRG	U	U	611	N	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7440-28-0	Thallium	1.2	mg/kg	TRG	U	U	1.2	N	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7440-62-2	Vanadium	26.8	mg/kg	TRG		J	6.1	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7440-66-6	Zinc	66.1	mg/kg	TRG			2.4	Y	METALS	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	10-00-4	% moisture	18.1	Percent	TRG			0	Y	MOISTURE	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	309-00-2	Aldrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	12674-11-2	Aroclor 1016	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	11104-28-2	Aroclor 1221	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	11141-16-5	Aroclor 1232	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	53469-21-9	Aroclor 1242	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	12672-29-6	Aroclor 1248	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	11097-69-1	Aroclor 1254	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	11096-82-5	Aroclor 1260	0.04	mg/kg	TRG	U	U	0.04	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	319-84-6	BHC, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	319-85-7	BHC, beta-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	319-86-8	BHC, delta-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	58-89-9	BHC, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	5103-71-9	Chlordane, alpha-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	5103-74-2	Chlordane, gamma-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	72-54-8	DDD, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	72-55-9	DDE, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	50-29-3	DDT, 4,4'-	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	60-57-1	Dieldrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	959-98-8	Endosulfan I	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	33213-65-9	Endosulfan II	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	1031-07-8	Endosulfan sulfate	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	72-20-8	Endrin	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7421-93-4	Endrin aldehyde	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	53494-70-5	Endrin ketone	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	76-44-8	Heptachlor	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	1024-57-3	Heptachlor epoxide	0.0021	mg/kg	TRG	U	U	0.0021	N	PEST/PCB	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	72-43-5	Methoxychlor	0.004	mg/kg	TRG	U	U	0.004	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	8001-35-2	Toxaphene	0.082	mg/kg	TRG	U	U	0.082	N	PEST/PCB	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	83-32-9	Acenaphthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	208-96-8	Acenaphthylene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	120-12-7	Anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	56-55-3	Benzo(a)anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	50-32-8	Benzo(a)pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	205-99-2	Benzo(b)fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	191-24-2	Benzo(ghi)perylene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	207-08-9	Benzo(k)fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	111-91-1	Bis(2-chloroethoxy)methane	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	111-44-4	Bis(2-chloroethyl)ether	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	108-60-1	Bis(2-chloroisopropyl)ether	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	117-81-7	Bis(2-ethylhexyl)phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	101-55-3	Bromophenyl phenyl ether, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	85-68-7	Butyl benzyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	86-74-8	Carbazole	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	59-50-7	Chloro-3-methylphenol, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	106-47-8	Chloroaniline, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	91-58-7	Chloronaphthalene, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	95-57-8	Chlorophenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	7005-72-3	Chlorophenyl phenyl ether, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	218-01-9	Chrysene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	84-74-2	Di-n-butyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	117-84-0	Di-n-octyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	53-70-3	Dibenz(a,h)anthracene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	132-64-9	Dibenzofuran	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	95-50-1	Dichlorobenzene, 1,2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	541-73-1	Dichlorobenzene, 1,3-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	106-46-7	Dichlorobenzene, 1,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	91-94-1	Dichlorobenzidine, 3,3'-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	120-83-2	Dichlorophenol, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	84-66-2	Diethyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	131-11-3	Dimethyl phthalate	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	105-67-9	Dimethylphenol, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	534-52-1	Dinitro-2-methylphenol, 4,6-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	51-28-5	Dinitrophenol, 2,4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	121-14-2	Dinitrotoluene, 2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	606-20-2	Dinitrotoluene, 2,6-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	206-44-0	Fluoranthene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	86-73-7	Fluorene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	118-74-1	Hexachlorobenzene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	87-68-3	Hexachlorobutadiene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	77-47-4	Hexachlorocyclopentadiene	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	67-72-1	Hexachloroethane	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	78-59-1	Isophorone	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	91-57-6	Methylnaphthalene, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	95-48-7	Methylphenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	106-44-5	Methylphenol, 4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	91-20-3	Naphthalene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	88-74-4	Nitroaniline, 2-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	99-09-2	Nitroaniline, 3-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	100-01-6	Nitroaniline, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	98-95-3	Nitrobenzene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	88-75-5	Nitrophenol, 2-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	100-02-7	Nitrophenol, 4-	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	87-86-5	Pentachlorophenol	2	mg/kg	TRG	U	U	2	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	85-01-8	Phenanthrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	108-95-2	Phenol	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	129-00-0	Pyrene	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	95-95-4	Trichlorophenol, 2,4,5-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	88-06-2	Trichlorophenol, 2,4,6-	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	621-64-7	n-Nitroso-di-n-propylamine	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	86-30-6	n-Nitrosodiphenylamine	0.4	mg/kg	TRG	U	U	0.4	N	SEMIVOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	67-64-1	Acetone	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	71-43-2	Benzene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	75-27-4	Bromodichloromethane	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	75-25-2	Bromoform	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	74-83-9	Bromomethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	78-93-3	Butanone, 2-	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	75-15-0	Carbon disulfide	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	56-23-5	Carbon tetrachloride	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	108-90-7	Chlorobenzene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	75-00-3	Chloroethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	67-66-3	Chloroform	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	74-87-3	Chloromethane	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	124-48-1	Dibromochloromethane	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	75-34-3	Dichloroethane, 1,1-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	107-06-2	Dichloroethane, 1,2-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	75-35-4	Dichloroethene, 1,1-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	540-59-0	Dichloroethene, 1,2-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	78-87-5	Dichloropropane, 1,2-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	10061-01-5	Dichloropropene, cis-1,3-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	10061-02-6	Dichloropropene, trans-1,3-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	100-41-4	Ethylbenzene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	591-78-6	Hexanone, 2-	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	108-10-1	Methyl-2-pentanone, 4-	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	75-09-2	Methylene chloride	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	100-42-5	Styrene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	127-18-4	Tetrachloroethene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	108-88-3	Toluene	0.0016	mg/kg	TRG	J	J	0.0061	Y	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	71-55-6	Trichloroethane, 1,1,1-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	79-00-5	Trichloroethane, 1,1,2-	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	79-01-6	Trichloroethene	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	75-01-4	Vinyl chloride	0.012	mg/kg	TRG	U	U	0.012	N	VOLATILES	Y
OUT_2BG	2BGS008	622179.582	1912985.609	638.82	SO	2-Oct-96	6	7	1240	REG	1330-20-7	Xylenes, total	0.0061	mg/kg	TRG	U	U	0.0061	N	VOLATILES	Y
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	8.29	pg/g	TRG			2.0725	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	5.68	pg/g	TRG		J	1.42	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.593	pg/g	TRG		J	0.14825	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	1.29	pg/g	TRG		J	0.3225	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	7.35	pg/g	TRG		J	1.8375	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	1.64	pg/g	TRG		J	0.41	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	4.49	pg/g	TRG		J	1.1225	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	1.32	pg/g	TRG		J	0.33	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.375	pg/g	TRG		J	0.09375	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	2.67	pg/g	TRG			0.6675	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	3.7	pg/g	TRG		J	0.925	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	3.79	pg/g	TRG		J	0.9475	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	8.25	pg/g	TRG		J	2.0625	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	51207-31-9	2,3,7,8-Tcdf	7.14	pg/g	TRG		J	1.785	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	1.79	pg/g	TRG			0.4475	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	37871-00-4	Heptachlorodibenzo-P-Dioxin	15.7	pg/g	TRG			3.925	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	38998-75-3	Heptachlorodibenzofuran	8.78	pg/g	TRG			2.195	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	13.6	pg/g	TRG			3.4	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	34	pg/g	TRG			8.5	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	3268-87-9	Octachlorodibenzo-P-Dioxin	35.8	pg/g	TRG			8.95	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	39001-02-0	Octachlorodibenzofuran	5.29	pg/g	TRG			1.3225	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	7.51	pg/g	TRG			1.8775	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	51.6	pg/g	TRG			12.9	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	3.49	pg/g	TRG			0.8725	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	40.8	pg/g	TRG			10.2	Y	DIOXIN	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	118-96-7	Trinitrotoluene, 2,4,6-	2.45	mg/kg	TRG			0.6125	Y	EXPLOSIVES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7429-90-5	Aluminum	10910	mg/kg	TRG		J	25	Y	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7440-36-0	Antimony	0.424	mg/kg	TRG	UN	UJ	0.424	N	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7440-38-2	Arsenic	8.68	mg/kg	TRG		J	5	Y	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7440-39-3	Barium	76.3	mg/kg	TRG	N	J	20	Y	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7440-41-7	Beryllium	0.644	mg/kg	TRG			0.65	Y	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7440-43-9	Cadmium	0.276	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7440-70-2	Calcium	4480	mg/kg	TRG	N	J	50	Y	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7440-47-3	Chromium	16.6	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7440-48-4	Cobalt	5.79	mg/kg	TRG			6.3	Y	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7440-50-8	Copper	23.4	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7439-89-6	Iron	17630	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7439-92-1	Lead	182	mg/kg	TRG	*		2.5	Y	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7439-95-4	Magnesium	2830	mg/kg	TRG	N	J	50	Y	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7439-96-5	Manganese	245	mg/kg	TRG	N	J	50	Y	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7439-97-6	Mercury	0.518	mg/kg	TRG	NE	J	0.1295	Y	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7440-02-0	Nickel	17.2	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7440-09-7	Potassium	1290	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7782-49-2	Selenium	1.02	mg/kg	TRG			0.75	Y	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7440-22-4	Silver	0.111	mg/kg	TRG	U	U	0.111	N	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7440-23-5	Sodium	90.3	mg/kg	TRG			646	Y	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7440-28-0	Thallium	1.23	mg/kg	TRG	U	U	1.23	N	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7440-62-2	Vanadium	30.1	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	7440-66-6	Zinc	89.4	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	10-00-4	% moisture	24.56	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	12674-11-2	Aroclor 1016	0.34	mg/kg	TRG	U	U	0.34	N	PEST/PCB	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	11096-82-5	Aroclor 1260	0.84	mg/kg	TRG	J	J	0.21	Y	PEST/PCB	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	83-32-9	Acenaphthene	0.376	mg/kg	TRG	N	NJ	0.094	Y	SEMIVOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	208-96-8	Acenaphthylene	1.15	mg/kg	TRG	N	NJ	0.2875	Y	SEMIVOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	120-12-7	Anthracene	0.017	mg/kg	TRG	J	J	0.00425	Y	SEMIVOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	56-55-3	Benzo(a)anthracene	0.0805	mg/kg	TRG	N	NJ	0.020125	Y	SEMIVOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	50-32-8	Benzo(a)pyrene	0.103	mg/kg	TRG	N	NJ	0.02575	Y	SEMIVOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	205-99-2	Benzo(b)fluoranthene	0.0957	mg/kg	TRG	N	NJ	0.023925	Y	SEMIVOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	191-24-2	Benzo(ghi)perylene	0.0846	mg/kg	TRG	J	J	0.02115	Y	SEMIVOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	207-08-9	Benzo(k)fluoranthene	0.0989	mg/kg	TRG	N	NJ	0.024725	Y	SEMIVOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	218-01-9	Chrysene	0.0976	mg/kg	TRG	J	J	0.0244	Y	SEMIVOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	53-70-3	Dibenz(a,h)anthracene	0.0169	mg/kg	TRG	U	U	0.0169	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	121-14-2	Dinitrotoluene, 2,4-	0.429	mg/kg	TRG	P	J	0.10725	Y	SEMIVOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	206-44-0	Fluoranthene	0.151	mg/kg	TRG	J	J	0.03775	Y	SEMIVOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	86-73-7	Fluorene	0.0485	mg/kg	TRG	U	U	0.0485	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0497	mg/kg	TRG	N	NJ	0.012425	Y	SEMIVOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	85-01-8	Phenanthrene	0.0864	mg/kg	TRG	J	J	0.0216	Y	SEMIVOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	129-00-0	Pyrene	0.107	mg/kg	TRG	J	J	0.02675	Y	SEMIVOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	67-64-1	Acetone	0.00365	mg/kg	TRG	U	U	0.00365	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	71-43-2	Benzene	0.000466	mg/kg	TRG	U	U	0.000466	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	74-97-5	Bromochloromethane	0.000518	mg/kg	TRG	U	U	0.000518	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	75-27-4	Bromodichloromethane	0.000508	mg/kg	TRG	U	U	0.000508	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	75-25-2	Bromoform	0.000508	mg/kg	TRG	U	U	0.000508	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	74-83-9	Bromomethane	0.000518	mg/kg	TRG	U	U	0.000518	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	78-93-3	Butanone, 2-	0.00388	mg/kg	TRG	U	U	0.00388	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	75-15-0	Carbon disulfide	0.00245	mg/kg	TRG	U	U	0.00245	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	56-23-5	Carbon tetrachloride	0.000508	mg/kg	TRG	U	U	0.000508	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	108-90-7	Chlorobenzene	0.000425	mg/kg	TRG	U	U	0.000425	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	75-00-3	Chloroethane	0.000839	mg/kg	TRG	U	U	0.000839	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	67-66-3	Chloroform	0.000539	mg/kg	TRG	U	U	0.000539	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	74-87-3	Chloromethane	0.000383	mg/kg	TRG	U	U	0.000383	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	110-82-7	Cyclohexane	0.000497	mg/kg	TRG	U	UJ	0.000497	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000777	mg/kg	TRG	U	U	0.000777	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	124-48-1	Dibromochloromethane	0.000518	mg/kg	TRG	U	U	0.000518	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	106-93-4	Dibromoethane, 1,2-	0.000435	mg/kg	TRG	U	U	0.000435	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000466	mg/kg	TRG	U	U	0.000466	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000321	mg/kg	TRG	U	U	0.000321	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000383	mg/kg	TRG	U	U	0.000383	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	75-71-8	Dichlorodifluoromethane	0.00086	mg/kg	TRG	U	UJ	0.00086	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	75-34-3	Dichloroethane, 1,1-	0.000487	mg/kg	TRG	U	U	0.000487	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	107-06-2	Dichloroethane, 1,2-	0.000446	mg/kg	TRG	U	U	0.000446	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	75-35-4	Dichloroethene, 1,1-	0.000518	mg/kg	TRG	U	U	0.000518	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000487	mg/kg	TRG	U	U	0.000487	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000549	mg/kg	TRG	U	U	0.000549	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	78-87-5	Dichloropropane, 1,2-	0.000497	mg/kg	TRG	U	U	0.000497	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000446	mg/kg	TRG	U	U	0.000446	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000259	mg/kg	TRG	U	U	0.000259	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	100-41-4	Ethylbenzene	0.000394	mg/kg	TRG	U	U	0.000394	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	591-78-6	Hexanone, 2-	0.00391	mg/kg	TRG	U	U	0.00391	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	98-82-8	Isopropylbenzene	0.000466	mg/kg	TRG	U	U	0.000466	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	79-20-9	METHYL ACETATE	0.00342	mg/kg	TRG	U	U	0.00342	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000549	mg/kg	TRG	U	U	0.000549	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00418	mg/kg	TRG	U	U	0.00418	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	108-87-2	Methylcyclohexane	0.000529	mg/kg	TRG	U	U	0.000529	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	75-09-2	Methylene chloride	0.0014	mg/kg	TRG	U	U	0.0014	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	91-20-3	Naphthalene	0.0818	mg/kg	TRG	J	J	0.02045	Y	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	100-42-5	Styrene	0.000404	mg/kg	TRG	U	U	0.000404	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000943	mg/kg	TRG	U	U	0.000943	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	127-18-4	Tetrachloroethene	0.000394	mg/kg	TRG	U	U	0.000394	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	108-88-3	Toluene	0.000352	mg/kg	TRG	U	U	0.000352	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000363	mg/kg	TRG	U	U	0.000363	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000373	mg/kg	TRG	U	U	0.000373	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000549	mg/kg	TRG	U	U	0.000549	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	79-00-5	Trichloroethane, 1,1,2-	0.00056	mg/kg	TRG	U	U	0.00056	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	79-01-6	Trichloroethene	0.000466	mg/kg	TRG	U	U	0.000466	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	75-69-4	Trichlorofluoromethane	0.000518	mg/kg	TRG	U	U	0.000518	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	75-01-4	Vinyl chloride	0.00058	mg/kg	TRG	U	U	0.00058	N	VOLATILES	P
OUT_2BG	BH09				SO	20-May-04	0	1	BH09A(0-1)	REG	1330-20-7	Xylenes, total	0.000404	mg/kg	TRG	U	U	0.000404	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7429-90-5	Aluminum	15750	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7440-36-0	Antimony	0.406	mg/kg	TRG	UN	UJ	0.406	N	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7440-38-2	Arsenic	21.7	mg/kg	TRG	*N	J	5	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7440-39-3	Barium	263	mg/kg	TRG	*	J	20	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7440-41-7	Beryllium	0.946	mg/kg	TRG			0.65	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7440-43-9	Cadmium	1.74	mg/kg	TRG	*	J	0.65	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7440-70-2	Calcium	3330	mg/kg	TRG	*	J	50	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7440-47-3	Chromium	23.5	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7440-48-4	Cobalt	30.1	mg/kg	TRG	*N	J	6.3	Y	METALS	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7440-50-8	Copper	73	mg/kg	TRG	*N	J	10	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7439-89-6	Iron	32720	mg/kg	TRG	E	J	25	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7439-92-1	Lead	18.7	mg/kg	TRG	*N	J	2.5	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7439-95-4	Magnesium	4270	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7439-96-5	Manganese	3870	mg/kg	TRG	E*	J	50	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7439-97-6	Mercury	3.09E-02	mg/kg	TRG			0.007725	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7440-02-0	Nickel	96.5	mg/kg	TRG	E*N	J	10	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7440-09-7	Potassium	2310	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7782-49-2	Selenium	1.77	mg/kg	TRG			0.75	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7440-22-4	Silver	0.973	mg/kg	TRG			1.3	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7440-23-5	Sodium	82.3	mg/kg	TRG			646	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7440-28-0	Thallium	23.6	mg/kg	TRG	U	U	23.6	N	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7440-62-2	Vanadium	41.4	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	7440-66-6	Zinc	80.3	mg/kg	TRG	N*	J	10	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	10-00-4	% moisture	16.4	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	12674-11-2	Aroclor 1016	0.179	mg/kg	TRG	U	U	0.179	N	PEST/PCB	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	11096-82-5	Aroclor 1260	0.238	mg/kg	TRG	U	U	0.238	N	PEST/PCB	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	83-32-9	Acenaphthene	0.0759	mg/kg	TRG	U	U	0.0759	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	208-96-8	Acenaphthylene	0.0414	mg/kg	TRG	U	UJ	0.0414	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	120-12-7	Anthracene	0.00472	mg/kg	TRG	U	UJ	0.00472	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	56-55-3	Benzo(a)anthracene	0.00834	mg/kg	TRG	U	U	0.00834	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	50-32-8	Benzo(a)pyrene	0.0106	mg/kg	TRG	J	J	0.00265	Y	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	205-99-2	Benzo(b)fluoranthene	0.00407	mg/kg	TRG	U	U	0.00407	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	191-24-2	Benzo(ghi)perylene	0.0148	mg/kg	TRG	U	U	0.0148	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	207-08-9	Benzo(k)fluoranthene	0.191	mg/kg	TRG	N	NJ	0.04775	Y	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	218-01-9	Chrysene	0.00605	mg/kg	TRG	U	U	0.00605	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	53-70-3	Dibenz(a,h)anthracene	0.00892	mg/kg	TRG	U	U	0.00892	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	206-44-0	Fluoranthene	0.024	mg/kg	TRG	U	U	0.024	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	86-73-7	Fluorene	0.0256	mg/kg	TRG	U	U	0.0256	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.00366	mg/kg	TRG	U	U	0.00366	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	85-01-8	Phenanthrene	0.0199	mg/kg	TRG	U	U	0.0199	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	129-00-0	Pyrene	0.0284	mg/kg	TRG	U	U	0.0284	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	67-64-1	Acetone	0.0064	mg/kg	TRG			0.0016	Y	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	71-43-2	Benzene	0.000391	mg/kg	TRG	U	U	0.000391	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	74-97-5	Bromochloromethane	0.000434	mg/kg	TRG	U	U	0.000434	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	75-27-4	Bromodichloromethane	0.000425	mg/kg	TRG	U	U	0.000425	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	75-25-2	Bromoform	0.000425	mg/kg	TRG	U	U	0.000425	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	74-83-9	Bromomethane	0.000434	mg/kg	TRG	U	U	0.000434	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	78-93-3	Butanone, 2-	0.00325	mg/kg	TRG	U	U	0.00325	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	75-15-0	Carbon disulfide	0.00205	mg/kg	TRG	U	U	0.00205	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	56-23-5	Carbon tetrachloride	0.000425	mg/kg	TRG	U	U	0.000425	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	108-90-7	Chlorobenzene	0.000356	mg/kg	TRG	U	U	0.000356	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	75-00-3	Chloroethane	0.000703	mg/kg	TRG	U	U	0.000703	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	67-66-3	Chloroform	0.000452	mg/kg	TRG	U	U	0.000452	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	74-87-3	Chloromethane	0.000321	mg/kg	TRG	U	U	0.000321	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	110-82-7	Cyclohexane	0.0039	mg/kg	TRG			0.000975	Y	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000651	mg/kg	TRG	U	U	0.000651	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	124-48-1	Dibromochloromethane	0.000434	mg/kg	TRG	U	U	0.000434	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	106-93-4	Dibromoethane, 1,2-	0.000365	mg/kg	TRG	U	U	0.000365	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000391	mg/kg	TRG	U	U	0.000391	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000269	mg/kg	TRG	U	U	0.000269	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000321	mg/kg	TRG	U	U	0.000321	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	75-71-8	Dichlorodifluoromethane	0.000721	mg/kg	TRG	U	UJ	0.000721	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	75-34-3	Dichloroethane, 1,1-	0.000408	mg/kg	TRG	U	U	0.000408	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	107-06-2	Dichloroethane, 1,2-	0.000373	mg/kg	TRG	U	U	0.000373	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	75-35-4	Dichloroethene, 1,1-	0.001	mg/kg	TRG			0.00025	Y	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000408	mg/kg	TRG	U	U	0.000408	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	156-60-5	Dichloroethene, trans-1,2-	0.00046	mg/kg	TRG	U	U	0.00046	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	78-87-5	Dichloropropane, 1,2-	0.000417	mg/kg	TRG	U	U	0.000417	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000373	mg/kg	TRG	U	U	0.000373	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000217	mg/kg	TRG	U	U	0.000217	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	100-41-4	Ethylbenzene	0.00033	mg/kg	TRG	U	U	0.00033	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	591-78-6	Hexanone, 2-	0.00327	mg/kg	TRG	U	U	0.00327	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	98-82-8	Isopropylbenzene	0.000391	mg/kg	TRG	U	U	0.000391	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	79-20-9	METHYL ACETATE	0.00287	mg/kg	TRG	U	U	0.00287	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.00046	mg/kg	TRG	U	U	0.00046	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	108-10-1	Methyl-2-pentanone, 4-	0.0035	mg/kg	TRG	U	U	0.0035	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	108-87-2	Methylcyclohexane	0.000443	mg/kg	TRG	U	U	0.000443	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	75-09-2	Methylene chloride	0.00117	mg/kg	TRG	U	U	0.00117	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	91-20-3	Naphthalene	0.0277	mg/kg	TRG	U	U	0.0277	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	100-42-5	Styrene	0.001	mg/kg	TRG			0.00025	Y	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.00079	mg/kg	TRG	U	U	0.00079	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	127-18-4	Tetrachloroethene	0.00033	mg/kg	TRG	U	U	0.00033	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	108-88-3	Toluene	0.000295	mg/kg	TRG	U	U	0.000295	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000304	mg/kg	TRG	U	U	0.000304	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000313	mg/kg	TRG	U	U	0.000313	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	71-55-6	Trichloroethane, 1,1,1-	0.00046	mg/kg	TRG	U	U	0.00046	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000469	mg/kg	TRG	U	U	0.000469	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	79-01-6	Trichloroethene	0.000391	mg/kg	TRG	U	U	0.000391	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	75-69-4	Trichlorofluoromethane	0.000434	mg/kg	TRG	U	U	0.000434	N	VOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	75-01-4	Vinyl chloride	0.000486	mg/kg	TRG	U	U	0.000486	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	3	5	BH09A(3-5)	REG	1330-20-7	Xylenes, total	0.000339	mg/kg	TRG	U	U	0.000339	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7429-90-5	Aluminum	12060	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7440-36-0	Antimony	0.519	mg/kg	TRG	BN	BJ	8.35	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7440-38-2	Arsenic	8.92	mg/kg	TRG	*N	J	5	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7440-39-3	Barium	71.1	mg/kg	TRG	*	J	20	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7440-41-7	Beryllium	0.577	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7440-43-9	Cadmium	0.335	mg/kg	TRG	B*	J	0.65	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7440-70-2	Calcium	53990	mg/kg	TRG	*	J	50	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7440-47-3	Chromium	18.7	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7440-48-4	Cobalt	10.7	mg/kg	TRG	*N	J	6.3	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7440-50-8	Copper	48.4	mg/kg	TRG	*N	J	10	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7439-89-6	Iron	23710	mg/kg	TRG	E	J	25	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7439-92-1	Lead	11.6	mg/kg	TRG	*N	J	2.5	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7439-95-4	Magnesium	16840	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7439-96-5	Manganese	501	mg/kg	TRG	E*	J	50	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7439-97-6	Mercury	1.51E-02	mg/kg	TRG			0.003775	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7440-02-0	Nickel	26.4	mg/kg	TRG	E*N	J	10	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7440-09-7	Potassium	2740	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7782-49-2	Selenium	2.14	mg/kg	TRG			0.75	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7440-22-4	Silver	0.208	mg/kg	TRG	B	J	1.3	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7440-23-5	Sodium	156	mg/kg	TRG			646	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7440-28-0	Thallium	1.22	mg/kg	TRG	U	U	1.22	N	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7440-62-2	Vanadium	28.7	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	7440-66-6	Zinc	63.2	mg/kg	TRG	N*	J	10	Y	METALS	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	67-64-1	Acetone	0.0029	mg/kg	TRG	U	U	0.0029	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	71-43-2	Benzene	0.00037	mg/kg	TRG	U	U	0.00037	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	74-97-5	Bromochloromethane	0.000411	mg/kg	TRG	U	U	0.000411	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	75-27-4	Bromodichloromethane	0.000403	mg/kg	TRG	U	U	0.000403	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	75-25-2	Bromoform	0.000403	mg/kg	TRG	U	U	0.000403	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	74-83-9	Bromomethane	0.000411	mg/kg	TRG	U	U	0.000411	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	78-93-3	Butanone, 2-	0.00308	mg/kg	TRG	U	U	0.00308	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	75-15-0	Carbon disulfide	0.00194	mg/kg	TRG	U	U	0.00194	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	56-23-5	Carbon tetrachloride	0.000403	mg/kg	TRG	U	U	0.000403	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	108-90-7	Chlorobenzene	0.000337	mg/kg	TRG	U	U	0.000337	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	75-00-3	Chloroethane	0.000666	mg/kg	TRG	U	U	0.000666	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	67-66-3	Chloroform	0.000428	mg/kg	TRG	U	U	0.000428	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	74-87-3	Chloromethane	0.000304	mg/kg	TRG	U	U	0.000304	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	110-82-7	Cyclohexane	0.000395	mg/kg	TRG	U	U	0.000395	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000617	mg/kg	TRG	U	U	0.000617	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	124-48-1	Dibromochloromethane	0.000411	mg/kg	TRG	U	U	0.000411	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	106-93-4	Dibromoethane, 1,2-	0.000345	mg/kg	TRG	U	U	0.000345	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	95-50-1	Dichlorobenzene, 1,2-	0.00037	mg/kg	TRG	U	U	0.00037	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000255	mg/kg	TRG	U	U	0.000255	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000304	mg/kg	TRG	U	U	0.000304	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	75-71-8	Dichlorodifluoromethane	0.000683	mg/kg	TRG	U	UJ	0.000683	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	75-34-3	Dichloroethane, 1,1-	0.000387	mg/kg	TRG	U	U	0.000387	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	107-06-2	Dichloroethane, 1,2-	0.000354	mg/kg	TRG	U	U	0.000354	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	75-35-4	Dichloroethene, 1,1-	0.000411	mg/kg	TRG	U	U	0.000411	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000387	mg/kg	TRG	U	U	0.000387	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000436	mg/kg	TRG	U	U	0.000436	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	78-87-5	Dichloropropane, 1,2-	0.000395	mg/kg	TRG	U	U	0.000395	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000354	mg/kg	TRG	U	U	0.000354	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000206	mg/kg	TRG	U	U	0.000206	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	100-41-4	Ethylbenzene	0.000313	mg/kg	TRG	U	U	0.000313	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	591-78-6	Hexanone, 2-	0.0031	mg/kg	TRG	U	U	0.0031	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	98-82-8	Isopropylbenzene	0.00037	mg/kg	TRG	U	U	0.00037	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	79-20-9	METHYL ACETATE	0.00271	mg/kg	TRG	U	U	0.00271	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000436	mg/kg	TRG	U	U	0.000436	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00331	mg/kg	TRG	U	U	0.00331	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	108-87-2	Methylcyclohexane	0.000419	mg/kg	TRG	U	U	0.000419	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	75-09-2	Methylene chloride	0.00111	mg/kg	TRG	U	U	0.00111	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	100-42-5	Styrene	0.000321	mg/kg	TRG	U	U	0.000321	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000749	mg/kg	TRG	U	U	0.000749	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	127-18-4	Tetrachloroethene	0.000313	mg/kg	TRG	U	U	0.000313	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	108-88-3	Toluene	0.00028	mg/kg	TRG	U	U	0.00028	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000288	mg/kg	TRG	U	U	0.000288	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000296	mg/kg	TRG	U	U	0.000296	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000436	mg/kg	TRG	U	U	0.000436	N	VOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000444	mg/kg	TRG	U	U	0.000444	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	79-01-6	Trichloroethene	0.00037	mg/kg	TRG	U	U	0.00037	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	75-69-4	Trichlorofluoromethane	0.000411	mg/kg	TRG	U	U	0.000411	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	75-01-4	Vinyl chloride	0.000461	mg/kg	TRG	U	U	0.000461	N	VOLATILES	P
OUT_2BG	BH09				SO	26-May-04	8	10	BH09A(8-10)	REG	1330-20-7	Xylenes, total	0.000321	mg/kg	TRG	U	U	0.000321	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	22.7	pg/g	TRG			5.675	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	7.49	pg/g	TRG		J	1.8725	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.715	pg/g	TRG		J	0.17875	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	4.52	pg/g	TRG			1.13	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	8.35	pg/g	TRG		J	2.0875	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	4.89	pg/g	TRG			1.2225	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	4.11	pg/g	TRG		J	1.0275	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	3.56	pg/g	TRG			0.89	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.54	pg/g	TRG		J	0.135	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	8.88	pg/g	TRG			2.22	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	4.41	pg/g	TRG		J	1.1025	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	4.98	pg/g	TRG		J	1.245	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	11.8	pg/g	TRG		J	2.95	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	51207-31-9	2,3,7,8-Tcdf	12.2	pg/g	TRG		J	3.05	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	4.3	pg/g	TRG			1.075	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	37871-00-4	Heptachlorodibenzo-P-Dioxin	40.8	pg/g	TRG			10.2	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	38998-75-3	Heptachlorodibenzofuran	11.3	pg/g	TRG			2.825	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	36.1	pg/g	TRG			9.025	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	40.8	pg/g	TRG			10.2	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	3268-87-9	Octachlorodibenzo-P-Dioxin	86.4	pg/g	TRG			21.6	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	39001-02-0	Octachlorodibenzofuran	5.31	pg/g	TRG			1.3275	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	17.5	pg/g	TRG			4.375	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	68.2	pg/g	TRG			17.05	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	10.5	pg/g	TRG			2.625	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	65	pg/g	TRG			16.25	Y	DIOXIN	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.487	mg/kg	TRG	P	J	0.12175	Y	EXPLOSIVES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.928	mg/kg	TRG	P	J	0.232	Y	EXPLOSIVES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7429-90-5	Aluminum	10910	mg/kg	TRG		J	25	Y	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7440-36-0	Antimony	0.428	mg/kg	TRG	UN	UJ	0.428	N	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7440-38-2	Arsenic	7.15	mg/kg	TRG		J	5	Y	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7440-39-3	Barium	82.5	mg/kg	TRG	N	J	20	Y	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7440-41-7	Beryllium	0.805	mg/kg	TRG			0.65	Y	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7440-43-9	Cadmium	0.284	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7440-70-2	Calcium	4170	mg/kg	TRG	N	J	50	Y	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7440-47-3	Chromium	16.9	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7440-48-4	Cobalt	7.52	mg/kg	TRG			6.3	Y	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7440-50-8	Copper	24.5	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7439-89-6	Iron	16220	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7439-92-1	Lead	71.9	mg/kg	TRG	*		2.5	Y	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7439-95-4	Magnesium	1840	mg/kg	TRG	N	J	50	Y	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7439-96-5	Manganese	252	mg/kg	TRG	N	J	50	Y	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7439-97-6	Mercury	0.503	mg/kg	TRG	NE	J	0.12575	Y	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7440-02-0	Nickel	24.1	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7440-09-7	Potassium	1280	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7782-49-2	Selenium	0.202	mg/kg	TRG	U	U	0.202	N	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7440-22-4	Silver	0.112	mg/kg	TRG	U	U	0.112	N	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7440-23-5	Sodium	54.1	mg/kg	TRG			646	Y	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7440-28-0	Thallium	1.39	mg/kg	TRG	B	J	24.3	Y	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7440-62-2	Vanadium	31.3	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	7440-66-6	Zinc	71.7	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	10-00-4	% moisture	32.46	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	12674-11-2	Aroclor 1016	0.383	mg/kg	TRG	U	U	0.383	N	PEST/PCB	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	11096-82-5	Aroclor 1260	0.509	mg/kg	TRG	U	U	0.509	N	PEST/PCB	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	83-32-9	Acenaphthene	0.153	mg/kg	TRG	N	NJ	0.03825	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	208-96-8	Acenaphthylene	0.708	mg/kg	TRG	N	NJ	0.177	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	120-12-7	Anthracene	0.0172	mg/kg	TRG	N	NJ	0.0043	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	56-55-3	Benzo(a)anthracene	0.0462	mg/kg	TRG	N	NJ	0.01155	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	50-32-8	Benzo(a)pyrene	0.073	mg/kg	TRG	N	NJ	0.01825	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	205-99-2	Benzo(b)fluoranthene	0.0764	mg/kg	TRG	N	NJ	0.0191	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	191-24-2	Benzo(ghi)perylene	0.0303	mg/kg	TRG	N	NJ	0.007575	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	207-08-9	Benzo(k)fluoranthene	0.0354	mg/kg	TRG	N	NJ	0.00885	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	218-01-9	Chrysene	0.0576	mg/kg	TRG	N	NJ	0.0144	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	53-70-3	Dibenz(a,h)anthracene	0.00381	mg/kg	TRG	U	U	0.00381	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	206-44-0	Fluoranthene	0.121	mg/kg	TRG	N	NJ	0.03025	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	86-73-7	Fluorene	0.0167	mg/kg	TRG	J	J	0.004175	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0424	mg/kg	TRG	N	NJ	0.0106	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	85-01-8	Phenanthrene	0.0801	mg/kg	TRG	N	NJ	0.020025	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	129-00-0	Pyrene	0.0593	mg/kg	TRG	N	NJ	0.014825	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	67-64-1	Acetone	0.0155	mg/kg	TRG		B	0.003875	Y	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	71-43-2	Benzene	0.000523	mg/kg	TRG	U	U	0.000523	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	74-97-5	Bromochloromethane	0.000581	mg/kg	TRG	U	U	0.000581	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	75-27-4	Bromodichloromethane	0.00057	mg/kg	TRG	U	U	0.00057	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	75-25-2	Bromoform	0.00057	mg/kg	TRG	U	U	0.00057	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	74-83-9	Bromomethane	0.000581	mg/kg	TRG	U	U	0.000581	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	78-93-3	Butanone, 2-	0.00435	mg/kg	TRG	U	U	0.00435	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	75-15-0	Carbon disulfide	0.00274	mg/kg	TRG	U	U	0.00274	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	56-23-5	Carbon tetrachloride	0.00057	mg/kg	TRG	U	U	0.00057	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	108-90-7	Chlorobenzene	0.000477	mg/kg	TRG	U	U	0.000477	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	75-00-3	Chloroethane	0.000942	mg/kg	TRG	U	U	0.000942	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	67-66-3	Chloroform	0.000604	mg/kg	TRG	U	U	0.000604	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	74-87-3	Chloromethane	0.00043	mg/kg	TRG	U	U	0.00043	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	110-82-7	Cyclohexane	0.000558	mg/kg	TRG	U	UJ	0.000558	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000872	mg/kg	TRG	U	U	0.000872	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	124-48-1	Dibromochloromethane	0.000581	mg/kg	TRG	U	U	0.000581	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	106-93-4	Dibromoethane, 1,2-	0.000488	mg/kg	TRG	U	U	0.000488	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000523	mg/kg	TRG	U	U	0.000523	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	541-73-1	Dichlorobenzene, 1,3-	0.00036	mg/kg	TRG	U	U	0.00036	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	106-46-7	Dichlorobenzene, 1,4-	0.00043	mg/kg	TRG	U	U	0.00043	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	75-71-8	Dichlorodifluoromethane	0.000965	mg/kg	TRG	U	UJ	0.000965	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	75-34-3	Dichloroethane, 1,1-	0.000546	mg/kg	TRG	U	U	0.000546	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	107-06-2	Dichloroethane, 1,2-	0.0005	mg/kg	TRG	U	U	0.0005	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	75-35-4	Dichloroethene, 1,1-	0.000581	mg/kg	TRG	U	U	0.000581	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000546	mg/kg	TRG	U	U	0.000546	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000616	mg/kg	TRG	U	U	0.000616	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	78-87-5	Dichloropropane, 1,2-	0.000558	mg/kg	TRG	U	U	0.000558	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.0005	mg/kg	TRG	U	U	0.0005	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000291	mg/kg	TRG	U	U	0.000291	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	100-41-4	Ethylbenzene	0.000442	mg/kg	TRG	U	U	0.000442	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	591-78-6	Hexanone, 2-	0.00438	mg/kg	TRG	U	U	0.00438	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	98-82-8	Isopropylbenzene	0.000523	mg/kg	TRG	U	U	0.000523	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	79-20-9	METHYL ACETATE	0.00384	mg/kg	TRG	U	U	0.00384	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000616	mg/kg	TRG	U	U	0.000616	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00468	mg/kg	TRG	U	U	0.00468	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	108-87-2	Methylcyclohexane	0.000593	mg/kg	TRG	U	U	0.000593	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	75-09-2	Methylene chloride	0.00157	mg/kg	TRG	U	U	0.00157	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	91-20-3	Naphthalene	0.15	mg/kg	TRG	N	NJ	0.0375	Y	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	100-42-5	Styrene	0.000453	mg/kg	TRG	U	U	0.000453	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.00106	mg/kg	TRG	U	U	0.00106	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	127-18-4	Tetrachloroethene	0.000442	mg/kg	TRG	U	U	0.000442	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	108-88-3	Toluene	0.000395	mg/kg	TRG	U	U	0.000395	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000407	mg/kg	TRG	U	U	0.000407	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000418	mg/kg	TRG	U	U	0.000418	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000616	mg/kg	TRG	U	U	0.000616	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000628	mg/kg	TRG	U	U	0.000628	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	79-01-6	Trichloroethene	0.000523	mg/kg	TRG	U	U	0.000523	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	75-69-4	Trichlorofluoromethane	0.000581	mg/kg	TRG	U	U	0.000581	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	75-01-4	Vinyl chloride	0.000651	mg/kg	TRG	U	U	0.000651	N	VOLATILES	P
OUT_2BG	BH10				SO	20-May-04	0	1	BH10A(0-1)	REG	1330-20-7	Xylenes, total	0.000453	mg/kg	TRG	U	U	0.000453	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7429-90-5	Aluminum	16450	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7440-36-0	Antimony	0.433	mg/kg	TRG	UN	UJ	0.433	N	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7440-38-2	Arsenic	6.1	mg/kg	TRG	*N	J	5	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7440-39-3	Barium	89.7	mg/kg	TRG	*	J	20	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7440-41-7	Beryllium	0.816	mg/kg	TRG			0.65	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7440-43-9	Cadmium	0.145	mg/kg	TRG	B*	BJ	0.65	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7440-70-2	Calcium	4530	mg/kg	TRG	*		50	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7440-47-3	Chromium	22.3	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7440-48-4	Cobalt	6.3	mg/kg	TRG	*N	J	6.3	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7440-50-8	Copper	26.3	mg/kg	TRG	*N	J	10	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7439-89-6	Iron	21910	mg/kg	TRG	E	J	25	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7439-92-1	Lead	11.8	mg/kg	TRG	*N	J	2.5	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7439-95-4	Magnesium	4300	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7439-96-5	Manganese	283	mg/kg	TRG	E*	J	50	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7439-97-6	Mercury	3.46E-02	mg/kg	TRG			0.00865	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7440-02-0	Nickel	24.3	mg/kg	TRG	E*N	J	10	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7440-09-7	Potassium	2170	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7782-49-2	Selenium	0.527	mg/kg	TRG	B	BJ	0.75	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7440-22-4	Silver	0.37	mg/kg	TRG	B	J	1.3	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7440-23-5	Sodium	78	mg/kg	TRG			646	Y	METALS	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7440-28-0	Thallium	1.44	mg/kg	TRG	B	J	24.3	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7440-62-2	Vanadium	34	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	7440-66-6	Zinc	64.3	mg/kg	TRG	N*		10	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	10-00-4	% moisture	20.4	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	12674-11-2	Aroclor 1016	0.182	mg/kg	TRG	U	U	0.182	N	PEST/PCB	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	11096-82-5	Aroclor 1260	0.242	mg/kg	TRG	U	U	0.242	N	PEST/PCB	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	83-32-9	Acenaphthene	0.0801	mg/kg	TRG	U	U	0.0801	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	208-96-8	Acenaphthylene	0.0436	mg/kg	TRG	U	UJ	0.0436	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	120-12-7	Anthracene	0.00498	mg/kg	TRG	U	UJ	0.00498	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	56-55-3	Benzo(a)anthracene	0.0088	mg/kg	TRG	U	U	0.0088	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	50-32-8	Benzo(a)pyrene	0.0109	mg/kg	TRG	U	UJ	0.0109	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	205-99-2	Benzo(b)fluoranthene	0.00429	mg/kg	TRG	U	U	0.00429	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	191-24-2	Benzo(ghi)perylene	0.0156	mg/kg	TRG	U	U	0.0156	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	207-08-9	Benzo(k)fluoranthene	0.173	mg/kg	TRG	N	NJ	0.04325	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	218-01-9	Chrysene	0.00638	mg/kg	TRG	U	U	0.00638	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	53-70-3	Dibenz(a,h)anthracene	0.00941	mg/kg	TRG	U	U	0.00941	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	206-44-0	Fluoranthene	0.0253	mg/kg	TRG	U	U	0.0253	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	86-73-7	Fluorene	0.027	mg/kg	TRG	U	U	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.00386	mg/kg	TRG	U	U	0.00386	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	85-01-8	Phenanthrene	0.021	mg/kg	TRG	U	U	0.021	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	129-00-0	Pyrene	0.03	mg/kg	TRG	U	U	0.03	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	67-64-1	Acetone	0.0035	mg/kg	TRG	U	U	0.0035	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	71-43-2	Benzene	0.000448	mg/kg	TRG	U	U	0.000448	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	74-97-5	Bromochloromethane	0.000497	mg/kg	TRG	U	U	0.000497	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	75-27-4	Bromodichloromethane	0.000487	mg/kg	TRG	U	U	0.000487	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	75-25-2	Bromoform	0.000487	mg/kg	TRG	U	U	0.000487	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	74-83-9	Bromomethane	0.000497	mg/kg	TRG	U	U	0.000497	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	78-93-3	Butanone, 2-	0.00372	mg/kg	TRG	U	U	0.00372	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	75-15-0	Carbon disulfide	0.00235	mg/kg	TRG	U	U	0.00235	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	56-23-5	Carbon tetrachloride	0.000487	mg/kg	TRG	U	U	0.000487	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	108-90-7	Chlorobenzene	0.000408	mg/kg	TRG	U	U	0.000408	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	75-00-3	Chloroethane	0.000806	mg/kg	TRG	U	U	0.000806	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	67-66-3	Chloroform	0.000517	mg/kg	TRG	U	U	0.000517	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	74-87-3	Chloromethane	0.000368	mg/kg	TRG	U	U	0.000368	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	110-82-7	Cyclohexane	0.000477	mg/kg	TRG	U	UJ	0.000477	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000746	mg/kg	TRG	U	U	0.000746	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	124-48-1	Dibromochloromethane	0.000497	mg/kg	TRG	U	U	0.000497	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	106-93-4	Dibromoethane, 1,2-	0.000418	mg/kg	TRG	U	U	0.000418	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000448	mg/kg	TRG	U	U	0.000448	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000308	mg/kg	TRG	U	U	0.000308	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000368	mg/kg	TRG	U	U	0.000368	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	75-71-8	Dichlorodifluoromethane	0.000825	mg/kg	TRG	U	UJ	0.000825	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	75-34-3	Dichloroethane, 1,1-	0.000467	mg/kg	TRG	U	U	0.000467	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	107-06-2	Dichloroethane, 1,2-	0.000428	mg/kg	TRG	U	U	0.000428	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	75-35-4	Dichloroethene, 1,1-	0.000497	mg/kg	TRG	U	U	0.000497	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000467	mg/kg	TRG	U	U	0.000467	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000527	mg/kg	TRG	U	U	0.000527	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	78-87-5	Dichloropropane, 1,2-	0.000477	mg/kg	TRG	U	U	0.000477	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000428	mg/kg	TRG	U	U	0.000428	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000249	mg/kg	TRG	U	U	0.000249	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	100-41-4	Ethylbenzene	0.000378	mg/kg	TRG	U	U	0.000378	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	591-78-6	Hexanone, 2-	0.00375	mg/kg	TRG	U	U	0.00375	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	98-82-8	Isopropylbenzene	0.000448	mg/kg	TRG	U	UJ	0.000448	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	79-20-9	METHYL ACETATE	0.00328	mg/kg	TRG	U	U	0.00328	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000527	mg/kg	TRG	U	U	0.000527	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00401	mg/kg	TRG	U	U	0.00401	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	108-87-2	Methylcyclohexane	0.000507	mg/kg	TRG	U	U	0.000507	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	75-09-2	Methylene chloride	0.00134	mg/kg	TRG	U	U	0.00134	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	91-20-3	Naphthalene	0.0292	mg/kg	TRG	U	U	0.0292	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	100-42-5	Styrene	0.000388	mg/kg	TRG	U	U	0.000388	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000905	mg/kg	TRG	U	UJ	0.000905	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	127-18-4	Tetrachloroethene	0.000378	mg/kg	TRG	U	U	0.000378	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	108-88-3	Toluene	0.000338	mg/kg	TRG	U	U	0.000338	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000348	mg/kg	TRG	U	U	0.000348	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000358	mg/kg	TRG	U	U	0.000358	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000527	mg/kg	TRG	U	U	0.000527	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000537	mg/kg	TRG	U	U	0.000537	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	79-01-6	Trichloroethene	0.000448	mg/kg	TRG	U	U	0.000448	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	75-69-4	Trichlorofluoromethane	0.000497	mg/kg	TRG	U	U	0.000497	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	75-01-4	Vinyl chloride	0.000557	mg/kg	TRG	U	U	0.000557	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	3	5	BH10A(3-5)	REG	1330-20-7	Xylenes, total	0.000388	mg/kg	TRG	U	U	0.000388	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7429-90-5	Aluminum	233600	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7440-36-0	Antimony	8.35	mg/kg	TRG	UN	U	8.35	N	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7440-38-2	Arsenic	131	mg/kg	TRG	*N	J	5	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7440-39-3	Barium	798	mg/kg	TRG	*	J	20	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7440-41-7	Beryllium	11.4	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7440-43-9	Cadmium	8.64	mg/kg	TRG	B*	J	0.65	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7440-70-2	Calcium	1173000	mg/kg	TRG	*	J	50	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7440-47-3	Chromium	367	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7440-48-4	Cobalt	166	mg/kg	TRG	*N	J	6.3	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7440-50-8	Copper	504	mg/kg	TRG	*N	J	10	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7439-89-6	Iron	412600	mg/kg	TRG	E	J	25	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7439-92-1	Lead	227	mg/kg	TRG	*N	J	2.5	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7439-95-4	Magnesium	363100	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7439-96-5	Manganese	8230	mg/kg	TRG	E*	J	50	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7439-97-6	Mercury	1.42E-02	mg/kg	TRG			0.00355	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7440-02-0	Nickel	475	mg/kg	TRG	E*N	J	10	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7440-09-7	Potassium	58210	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7782-49-2	Selenium	51.8	mg/kg	TRG			0.75	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7440-22-4	Silver	3.21	mg/kg	TRG	B	J	1.3	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7440-23-5	Sodium	3690	mg/kg	TRG			646	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7440-28-0	Thallium	24.3	mg/kg	TRG	U	U	24.3	N	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7440-62-2	Vanadium	536	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	7440-66-6	Zinc	1140	mg/kg	TRG	N*	J	10	Y	METALS	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	10-00-4	% moisture	18.9	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	83-32-9	Acenaphthene	0.0767	mg/kg	TRG	U	U	0.0767	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	208-96-8	Acenaphthylene	0.0688	mg/kg	TRG	J	J	0.0172	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	120-12-7	Anthracene	0.0106	mg/kg	TRG	J	J	0.00265	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	56-55-3	Benzo(a)anthracene	0.00843	mg/kg	TRG	U	U	0.00843	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	50-32-8	Benzo(a)pyrene	0.0156	mg/kg	TRG	J	J	0.0039	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	205-99-2	Benzo(b)fluoranthene	0.0211	mg/kg	TRG	J	J	0.005275	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	191-24-2	Benzo(ghi)perylene	0.015	mg/kg	TRG	U	U	0.015	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	207-08-9	Benzo(k)fluoranthene	0.084	mg/kg	TRG	N	NJ	0.021	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	218-01-9	Chrysene	0.0167	mg/kg	TRG	J	J	0.004175	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	53-70-3	Dibenz(a,h)anthracene	0.00901	mg/kg	TRG	U	U	0.00901	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	206-44-0	Fluoranthene	0.0821	mg/kg	TRG	J	J	0.020525	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	86-73-7	Fluorene	0.0259	mg/kg	TRG	U	U	0.0259	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.015	mg/kg	TRG	J	J	0.00375	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	85-01-8	Phenanthrene	0.0548	mg/kg	TRG	J	J	0.0137	Y	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	129-00-0	Pyrene	0.0287	mg/kg	TRG	U	U	0.0287	N	SEMIVOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	67-64-1	Acetone	0.0094	mg/kg	TRG			0.00235	Y	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	71-43-2	Benzene	0.000388	mg/kg	TRG	U	U	0.000388	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	74-97-5	Bromochloromethane	0.000431	mg/kg	TRG	U	U	0.000431	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	75-27-4	Bromodichloromethane	0.000423	mg/kg	TRG	U	U	0.000423	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	75-25-2	Bromoform	0.000423	mg/kg	TRG	U	U	0.000423	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	74-83-9	Bromomethane	0.000431	mg/kg	TRG	U	U	0.000431	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	78-93-3	Butanone, 2-	0.00323	mg/kg	TRG	U	U	0.00323	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	75-15-0	Carbon disulfide	0.00204	mg/kg	TRG	U	U	0.00204	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	56-23-5	Carbon tetrachloride	0.000423	mg/kg	TRG	U	U	0.000423	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	108-90-7	Chlorobenzene	0.000354	mg/kg	TRG	U	U	0.000354	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	75-00-3	Chloroethane	0.000699	mg/kg	TRG	U	U	0.000699	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	67-66-3	Chloroform	0.000449	mg/kg	TRG	U	U	0.000449	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	74-87-3	Chloromethane	0.000319	mg/kg	TRG	U	U	0.000319	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	110-82-7	Cyclohexane	0.000414	mg/kg	TRG	U	U	0.000414	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000647	mg/kg	TRG	U	U	0.000647	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	124-48-1	Dibromochloromethane	0.000431	mg/kg	TRG	U	U	0.000431	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	106-93-4	Dibromoethane, 1,2-	0.000362	mg/kg	TRG	U	U	0.000362	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000388	mg/kg	TRG	U	U	0.000388	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000268	mg/kg	TRG	U	U	0.000268	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000319	mg/kg	TRG	U	U	0.000319	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	75-71-8	Dichlorodifluoromethane	0.000716	mg/kg	TRG	U	UJ	0.000716	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	75-34-3	Dichloroethane, 1,1-	0.000406	mg/kg	TRG	U	U	0.000406	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	107-06-2	Dichloroethane, 1,2-	0.000371	mg/kg	TRG	U	U	0.000371	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	75-35-4	Dichloroethene, 1,1-	0.00057	mg/kg	TRG	J	J	0.0001425	Y	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000406	mg/kg	TRG	U	U	0.000406	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000457	mg/kg	TRG	U	U	0.000457	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	78-87-5	Dichloropropane, 1,2-	0.000414	mg/kg	TRG	U	U	0.000414	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000371	mg/kg	TRG	U	U	0.000371	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000216	mg/kg	TRG	U	U	0.000216	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	100-41-4	Ethylbenzene	0.000328	mg/kg	TRG	U	U	0.000328	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	591-78-6	Hexanone, 2-	0.00325	mg/kg	TRG	U	U	0.00325	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	98-82-8	Isopropylbenzene	0.000388	mg/kg	TRG	U	U	0.000388	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	79-20-9	METHYL ACETATE	0.00285	mg/kg	TRG	U	U	0.00285	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000457	mg/kg	TRG	U	U	0.000457	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00348	mg/kg	TRG	U	U	0.00348	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	108-87-2	Methylcyclohexane	0.00044	mg/kg	TRG	U	U	0.00044	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	75-09-2	Methylene chloride	0.00116	mg/kg	TRG	U	U	0.00116	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	91-20-3	Naphthalene	0.0943	mg/kg	TRG	J	J	0.023575	Y	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	100-42-5	Styrene	0.000337	mg/kg	TRG	U	U	0.000337	N	VOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000785	mg/kg	TRG	U	U	0.000785	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	127-18-4	Tetrachloroethene	0.000328	mg/kg	TRG	U	U	0.000328	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	108-88-3	Toluene	0.000293	mg/kg	TRG	U	U	0.000293	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000302	mg/kg	TRG	U	U	0.000302	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000311	mg/kg	TRG	U	U	0.000311	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000457	mg/kg	TRG	U	U	0.000457	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000466	mg/kg	TRG	U	U	0.000466	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	79-01-6	Trichloroethene	0.000388	mg/kg	TRG	U	U	0.000388	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	75-69-4	Trichlorofluoromethane	0.000431	mg/kg	TRG	U	U	0.000431	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	75-01-4	Vinyl chloride	0.000483	mg/kg	TRG	U	U	0.000483	N	VOLATILES	P
OUT_2BG	BH10				SO	26-May-04	8	10	BH10A(8-10)	REG	1330-20-7	Xylenes, total	0.000337	mg/kg	TRG	U	U	0.000337	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	9.98	pg/g	TRG			2.495	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	4.51	pg/g	TRG		J	1.1275	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.239	pg/g	TRG		U	0.239	N	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	1.89	pg/g	TRG		J	0.4725	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	3.85	pg/g	TRG		J	0.9625	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	2.16	pg/g	TRG		J	0.54	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	1.97	pg/g	TRG		J	0.4925	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	1.73	pg/g	TRG		J	0.4325	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.475	pg/g	TRG	U	U	0.475	N	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	3.76	pg/g	TRG			0.94	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1.83	pg/g	TRG		J	0.4575	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	2.46	pg/g	TRG		J	0.615	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	5	pg/g	TRG		J	1.25	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	51207-31-9	2,3,7,8-Tcdf	5.74	pg/g	TRG		J	1.435	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	2	pg/g	TRG			0.5	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	37871-00-4	Heptachlorodibenzo-P-Dioxin	18.6	pg/g	TRG			4.65	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	38998-75-3	Heptachlorodibenzofuran	6.76	pg/g	TRG			1.69	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	17.5	pg/g	TRG			4.375	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	18.9	pg/g	TRG			4.725	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	3268-87-9	Octachlorodibenzo-P-Dioxin	43.4	pg/g	TRG			10.85	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	39001-02-0	Octachlorodibenzofuran	7.3	pg/g	TRG			1.825	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	10.6	pg/g	TRG			2.65	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	27.3	pg/g	TRG			6.825	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	4.35	pg/g	TRG			1.0875	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	23.4	pg/g	TRG			5.85	Y	DIOXIN	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	HMX		0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7429-90-5	Aluminum	8840	mg/kg	TRG		J	25	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7440-36-0	Antimony	0.427	mg/kg	TRG	UN	UJ	0.427	N	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7440-38-2	Arsenic	5.13	mg/kg	TRG		J	5	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7440-39-3	Barium	47.1	mg/kg	TRG	N	J	20	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7440-41-7	Beryllium	0.515	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7440-43-9	Cadmium	0.168	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7440-70-2	Calcium	2430	mg/kg	TRG	N	J	50	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7440-47-3	Chromium	11.5	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7440-48-4	Cobalt	4.02	mg/kg	TRG			6.3	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7440-50-8	Copper	13	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7439-89-6	Iron	11660	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7439-92-1	Lead	31.9	mg/kg	TRG	*		2.5	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7439-95-4	Magnesium	1560	mg/kg	TRG	N	J	50	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7439-96-5	Manganese	147	mg/kg	TRG	N	J	50	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7439-97-6	Mercury	3.08E-02	mg/kg	TRG	NE	J	0.0077	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7440-02-0	Nickel	11.6	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7440-09-7	Potassium	938	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7782-49-2	Selenium	0.202	mg/kg	TRG	U	U	0.202	N	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7440-22-4	Silver	0.112	mg/kg	TRG	U	U	0.112	N	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7440-23-5	Sodium	47.8	mg/kg	TRG			646	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7440-28-0	Thallium	1.24	mg/kg	TRG	U	U	1.24	N	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7440-62-2	Vanadium	21.3	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	7440-66-6	Zinc	38.8	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	10-00-4	% moisture	35.66	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	12674-11-2	Aroclor 1016	0.16	mg/kg	TRG	U	U	0.16	N	PEST/PCB	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	11096-82-5	Aroclor 1260	0.212	mg/kg	TRG	U	U	0.212	N	PEST/PCB	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	83-32-9	Acenaphthene	0.0321	mg/kg	TRG	U	U	0.0321	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	208-96-8	Acenaphthylene	0.0268	mg/kg	TRG	J	J	0.0067	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	120-12-7	Anthracene	0.00673	mg/kg	TRG	N	NJ	0.0016825	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	56-55-3	Benzo(a)anthracene	0.00414	mg/kg	TRG	J	J	0.001035	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	50-32-8	Benzo(a)pyrene	0.0192	mg/kg	TRG	N	NJ	0.0048	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	205-99-2	Benzo(b)fluoranthene	0.0296	mg/kg	TRG	N	NJ	0.0074	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	191-24-2	Benzo(ghi)perylene	0.014	mg/kg	TRG	J	J	0.0035	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	207-08-9	Benzo(k)fluoranthene	0.0309	mg/kg	TRG	N	NJ	0.007725	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	218-01-9	Chrysene	0.0188	mg/kg	TRG	J	J	0.0047	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	53-70-3	Dibenz(a,h)anthracene	0.00377	mg/kg	TRG	U	U	0.00377	N	SEMIVOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	206-44-0	Fluoranthene	0.0445	mg/kg	TRG	J	J	0.011125	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	86-73-7	Fluorene	0.0132	mg/kg	TRG	J	J	0.0033	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0145	mg/kg	TRG	N	NJ	0.003625	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	85-01-8	Phenanthrene	0.0213	mg/kg	TRG	J	J	0.005325	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	129-00-0	Pyrene	0.0205	mg/kg	TRG	J	J	0.005125	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	67-64-1	Acetone	0.0081	mg/kg	TRG		B	0.002025	Y	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	71-43-2	Benzene	0.000455	mg/kg	TRG	U	U	0.000455	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	74-97-5	Bromochloromethane	0.000506	mg/kg	TRG	U	U	0.000506	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	75-27-4	Bromodichloromethane	0.000496	mg/kg	TRG	U	U	0.000496	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	75-25-2	Bromoform	0.000496	mg/kg	TRG	U	U	0.000496	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	74-83-9	Bromomethane	0.000506	mg/kg	TRG	U	U	0.000506	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	78-93-3	Butanone, 2-	0.00378	mg/kg	TRG	U	U	0.00378	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	75-15-0	Carbon disulfide	0.00239	mg/kg	TRG	U	U	0.00239	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	56-23-5	Carbon tetrachloride	0.000496	mg/kg	TRG	U	U	0.000496	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	108-90-7	Chlorobenzene	0.000415	mg/kg	TRG	U	U	0.000415	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	75-00-3	Chloroethane	0.00082	mg/kg	TRG	U	U	0.00082	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	67-66-3	Chloroform	0.000526	mg/kg	TRG	U	U	0.000526	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	74-87-3	Chloromethane	0.000374	mg/kg	TRG	U	U	0.000374	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	110-82-7	Cyclohexane	0.000486	mg/kg	TRG	U	UJ	0.000486	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000759	mg/kg	TRG	U	U	0.000759	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	124-48-1	Dibromochloromethane	0.000506	mg/kg	TRG	U	U	0.000506	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	106-93-4	Dibromoethane, 1,2-	0.000425	mg/kg	TRG	U	U	0.000425	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000455	mg/kg	TRG	U	U	0.000455	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000314	mg/kg	TRG	U	U	0.000314	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000374	mg/kg	TRG	U	U	0.000374	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	75-71-8	Dichlorodifluoromethane	0.00084	mg/kg	TRG	U	UJ	0.00084	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	75-34-3	Dichloroethane, 1,1-	0.000476	mg/kg	TRG	U	U	0.000476	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	107-06-2	Dichloroethane, 1,2-	0.000435	mg/kg	TRG	U	U	0.000435	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	75-35-4	Dichloroethene, 1,1-	0.000506	mg/kg	TRG	U	U	0.000506	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000476	mg/kg	TRG	U	U	0.000476	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000536	mg/kg	TRG	U	U	0.000536	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	78-87-5	Dichloropropane, 1,2-	0.000486	mg/kg	TRG	U	U	0.000486	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000435	mg/kg	TRG	U	U	0.000435	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000253	mg/kg	TRG	U	U	0.000253	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	100-41-4	Ethylbenzene	0.000385	mg/kg	TRG	U	U	0.000385	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	591-78-6	Hexanone, 2-	0.00381	mg/kg	TRG	U	U	0.00381	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	98-82-8	Isopropylbenzene	0.000455	mg/kg	TRG	U	U	0.000455	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	79-20-9	METHYL ACETATE	0.00334	mg/kg	TRG	U	U	0.00334	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000536	mg/kg	TRG	U	U	0.000536	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00408	mg/kg	TRG	U	U	0.00408	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	108-87-2	Methylcyclohexane	0.000516	mg/kg	TRG	U	U	0.000516	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	75-09-2	Methylene chloride	0.00137	mg/kg	TRG	U	U	0.00137	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	91-20-3	Naphthalene	0.0254	mg/kg	TRG	J	J	0.00635	Y	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	100-42-5	Styrene	0.000395	mg/kg	TRG	U	U	0.000395	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000921	mg/kg	TRG	U	U	0.000921	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	127-18-4	Tetrachloroethene	0.000385	mg/kg	TRG	U	U	0.000385	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	108-88-3	Toluene	0.000344	mg/kg	TRG	U	U	0.000344	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000354	mg/kg	TRG	U	U	0.000354	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000364	mg/kg	TRG	U	U	0.000364	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000536	mg/kg	TRG	U	U	0.000536	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000546	mg/kg	TRG	U	U	0.000546	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	79-01-6	Trichloroethene	0.000455	mg/kg	TRG	U	U	0.000455	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	75-69-4	Trichlorofluoromethane	0.000506	mg/kg	TRG	U	U	0.000506	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	75-01-4	Vinyl chloride	0.000567	mg/kg	TRG	U	U	0.000567	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	0	1	BH11A(0-1)	REG	1330-20-7	Xylenes, total	0.000395	mg/kg	TRG	U	U	0.000395	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7429-90-5	Aluminum	13370	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7440-36-0	Antimony	0.401	mg/kg	TRG	U	UJ	0.401	N	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7440-38-2	Arsenic	9.59	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7440-39-3	Barium	87.7	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7440-41-7	Beryllium	0.712	mg/kg	TRG			0.65	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7440-43-9	Cadmium	0.125	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7440-70-2	Calcium	3750	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7440-47-3	Chromium	20.7	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7440-48-4	Cobalt	7.86	mg/kg	TRG			6.3	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7440-50-8	Copper	17.6	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7439-89-6	Iron	22790	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7439-92-1	Lead	11.3	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7439-95-4	Magnesium	3340	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7439-96-5	Manganese	366	mg/kg	TRG			50	Y	METALS	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7439-97-6	Mercury	2.86E-02	mg/kg	TRG			0.00715	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7440-02-0	Nickel	23.4	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7440-09-7	Potassium	1770	mg/kg	TRG			600	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7782-49-2	Selenium	1.2	mg/kg	TRG			0.75	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7440-22-4	Silver	0.105	mg/kg	TRG	U	U	0.105	N	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7440-23-5	Sodium	68	mg/kg	TRG			646	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7440-28-0	Thallium	1.17	mg/kg	TRG	U	U	1.17	N	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7440-62-2	Vanadium	33.6	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	7440-66-6	Zinc	53.1	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	10-00-4	% moisture	15.8	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	12674-11-2	Aroclor 1016	0.172	mg/kg	TRG	U	U	0.172	N	PEST/PCB	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	11096-82-5	Aroclor 1260	0.228	mg/kg	TRG	U	U	0.228	N	PEST/PCB	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	83-32-9	Acenaphthene	0.0785	mg/kg	TRG	U	U	0.0785	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	208-96-8	Acenaphthylene	0.0428	mg/kg	TRG	U	UJ	0.0428	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	120-12-7	Anthracene	0.00488	mg/kg	TRG	U	UJ	0.00488	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	56-55-3	Benzo(a)anthracene	0.00862	mg/kg	TRG	U	U	0.00862	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	50-32-8	Benzo(a)pyrene	0.0106	mg/kg	TRG	U	UJ	0.0106	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	205-99-2	Benzo(b)fluoranthene	0.00421	mg/kg	TRG	U	U	0.00421	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	191-24-2	Benzo(ghi)perylene	0.0153	mg/kg	TRG	U	U	0.0153	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	207-08-9	Benzo(k)fluoranthene	0.07	mg/kg	TRG	N	NJ	0.0175	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	218-01-9	Chrysene	0.00626	mg/kg	TRG	U	U	0.00626	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	53-70-3	Dibenz(a,h)anthracene	0.00923	mg/kg	TRG	U	U	0.00923	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	206-44-0	Fluoranthene	0.0248	mg/kg	TRG	U	U	0.0248	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	86-73-7	Fluorene	0.0265	mg/kg	TRG	U	U	0.0265	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.00378	mg/kg	TRG	U	U	0.00378	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	85-01-8	Phenanthrene	0.0206	mg/kg	TRG	U	U	0.0206	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	129-00-0	Pyrene	0.0294	mg/kg	TRG	U	U	0.0294	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	67-64-1	Acetone	0.00289	mg/kg	TRG	U	U	0.00289	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	71-43-2	Benzene	0.000369	mg/kg	TRG	U	U	0.000369	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	74-97-5	Bromochloromethane	0.00041	mg/kg	TRG	U	U	0.00041	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	75-27-4	Bromodichloromethane	0.000402	mg/kg	TRG	U	U	0.000402	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	75-25-2	Bromoform	0.000402	mg/kg	TRG	U	U	0.000402	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	74-83-9	Bromomethane	0.00041	mg/kg	TRG	U	UJ	0.00041	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	78-93-3	Butanone, 2-	0.00307	mg/kg	TRG	U	UJ	0.00307	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	75-15-0	Carbon disulfide	0.00194	mg/kg	TRG	U	U	0.00194	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	56-23-5	Carbon tetrachloride	0.000402	mg/kg	TRG	U	U	0.000402	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	108-90-7	Chlorobenzene	0.000337	mg/kg	TRG	U	U	0.000337	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	75-00-3	Chloroethane	0.000665	mg/kg	TRG	U	U	0.000665	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	67-66-3	Chloroform	0.000427	mg/kg	TRG	U	U	0.000427	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	74-87-3	Chloromethane	0.000304	mg/kg	TRG	U	U	0.000304	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	110-82-7	Cyclohexane	0.000394	mg/kg	TRG	U	U	0.000394	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000616	mg/kg	TRG	U	U	0.000616	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	124-48-1	Dibromochloromethane	0.00041	mg/kg	TRG	U	UJ	0.00041	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	106-93-4	Dibromoethane, 1,2-	0.000345	mg/kg	TRG	U	U	0.000345	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000369	mg/kg	TRG	U	U	0.000369	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000254	mg/kg	TRG	U	U	0.000254	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000304	mg/kg	TRG	U	U	0.000304	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	75-71-8	Dichlorodifluoromethane	0.00092	mg/kg	TRG	U	UJ	0.00092	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	75-34-3	Dichloroethane, 1,1-	0.000386	mg/kg	TRG	U	U	0.000386	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	107-06-2	Dichloroethane, 1,2-	0.000353	mg/kg	TRG	U	U	0.000353	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	75-35-4	Dichloroethene, 1,1-	0.00048	mg/kg	TRG	J	J	0.00012	Y	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000386	mg/kg	TRG	U	U	0.000386	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000435	mg/kg	TRG	U	U	0.000435	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	78-87-5	Dichloropropane, 1,2-	0.000394	mg/kg	TRG	U	U	0.000394	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000353	mg/kg	TRG	U	U	0.000353	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000205	mg/kg	TRG	U	U	0.000205	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	100-41-4	Ethylbenzene	0.000312	mg/kg	TRG	U	U	0.000312	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	591-78-6	Hexanone, 2-	0.00309	mg/kg	TRG	U	UJ	0.00309	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	98-82-8	Isopropylbenzene	0.000369	mg/kg	TRG	U	U	0.000369	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	79-20-9	METHYL ACETATE	0.00271	mg/kg	TRG	U	UJ	0.00271	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000435	mg/kg	TRG	U	U	0.000435	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00331	mg/kg	TRG	U	UJ	0.00331	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	108-87-2	Methylcyclohexane	0.000419	mg/kg	TRG	U	U	0.000419	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	75-09-2	Methylene chloride	0.00111	mg/kg	TRG	U	U	0.00111	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	91-20-3	Naphthalene	0.0287	mg/kg	TRG	U	U	0.0287	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	100-42-5	Styrene	0.00032	mg/kg	TRG	U	U	0.00032	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000747	mg/kg	TRG	U	UJ	0.000747	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	127-18-4	Tetrachloroethene	0.000312	mg/kg	TRG	U	UJ	0.000312	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	108-88-3	Toluene	0.000279	mg/kg	TRG	U	U	0.000279	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000287	mg/kg	TRG	U	U	0.000287	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000295	mg/kg	TRG	U	UJ	0.000295	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000435	mg/kg	TRG	U	UJ	0.000435	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000443	mg/kg	TRG	U	U	0.000443	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	79-01-6	Trichloroethene	0.000369	mg/kg	TRG	U	U	0.000369	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	75-69-4	Trichlorofluoromethane	0.00041	mg/kg	TRG	U	UJ	0.00041	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	75-01-4	Vinyl chloride	0.00046	mg/kg	TRG	U	U	0.00046	N	VOLATILES	P
OUT_2BG	BH11				SO	20-May-04	3	5	BH11A(3-5)	REG	1330-20-7	Xylenes, total	0.00032	mg/kg	TRG	U	U	0.00032	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7429-90-5	Aluminum	14950	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7440-36-0	Antimony	0.425	mg/kg	TRG	U	UJ	0.425	N	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7440-38-2	Arsenic	7.14	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7440-39-3	Barium	75.8	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7440-41-7	Beryllium	0.697	mg/kg	TRG			0.65	Y	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7440-43-9	Cadmium	0.249	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7440-70-2	Calcium	52810	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7440-47-3	Chromium	22.5	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7440-48-4	Cobalt	11	mg/kg	TRG			6.3	Y	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7440-50-8	Copper	24.1	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7439-89-6	Iron	23390	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7439-92-1	Lead	9.83	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7439-95-4	Magnesium	14220	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7439-96-5	Manganese	395	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7439-97-6	Mercury	1.57E-02	mg/kg	TRG			0.003925	Y	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7440-02-0	Nickel	27.7	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7440-09-7	Potassium	3880	mg/kg	TRG			600	Y	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7782-49-2	Selenium	3.06	mg/kg	TRG			0.75	Y	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7440-22-4	Silver	0.112	mg/kg	TRG	U	U	0.112	N	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7440-23-5	Sodium	186	mg/kg	TRG			646	Y	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7440-28-0	Thallium	1.24	mg/kg	TRG	U	U	1.24	N	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7440-62-2	Vanadium	31.6	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	7440-66-6	Zinc	54.9	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	10-00-4	% moisture	18.2	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	83-32-9	Acenaphthene	0.0692	mg/kg	TRG	U	U	0.0692	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	208-96-8	Acenaphthylene	0.115	mg/kg	TRG	N	NJ	0.02875	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	120-12-7	Anthracene	0.0161	mg/kg	TRG	N	NJ	0.004025	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	56-55-3	Benzo(a)anthracene	0.0076	mg/kg	TRG	U	UJ	0.0076	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	50-32-8	Benzo(a)pyrene	0.0286	mg/kg	TRG	N	NJ	0.00715	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	205-99-2	Benzo(b)fluoranthene	0.00371	mg/kg	TRG	U	U	0.00371	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	191-24-2	Benzo(ghi)perylene	0.0135	mg/kg	TRG	U	U	0.0135	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	207-08-9	Benzo(k)fluoranthene	0.0915	mg/kg	TRG	N	NJ	0.022875	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	218-01-9	Chrysene	0.0305	mg/kg	TRG	J	J	0.007625	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	53-70-3	Dibenz(a,h)anthracene	0.00813	mg/kg	TRG	U	U	0.00813	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	206-44-0	Fluoranthene	0.227	mg/kg	TRG	N	NJ	0.05675	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	86-73-7	Fluorene	0.0234	mg/kg	TRG	U	U	0.0234	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0127	mg/kg	TRG	J	J	0.003175	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	85-01-8	Phenanthrene	0.101	mg/kg	TRG	J	J	0.02525	Y	SEMIVOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	129-00-0	Pyrene	0.0259	mg/kg	TRG	U	U	0.0259	N	SEMIVOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	67-64-1	Acetone	0.0069	mg/kg	TRG		BJ	0.001725	Y	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	71-43-2	Benzene	0.000425	mg/kg	TRG	U	U	0.000425	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	74-97-5	Bromochloromethane	0.000472	mg/kg	TRG	U	U	0.000472	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	75-27-4	Bromodichloromethane	0.000463	mg/kg	TRG	U	U	0.000463	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	75-25-2	Bromoform	0.000463	mg/kg	TRG	U	U	0.000463	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	74-83-9	Bromomethane	0.000472	mg/kg	TRG	U	U	0.000472	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	78-93-3	Butanone, 2-	0.00353	mg/kg	TRG	U	U	0.00353	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	75-15-0	Carbon disulfide	0.00223	mg/kg	TRG	U	U	0.00223	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	56-23-5	Carbon tetrachloride	0.000463	mg/kg	TRG	U	U	0.000463	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	108-90-7	Chlorobenzene	0.000387	mg/kg	TRG	U	U	0.000387	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	75-00-3	Chloroethane	0.000765	mg/kg	TRG	U	U	0.000765	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	67-66-3	Chloroform	0.000491	mg/kg	TRG	U	U	0.000491	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	74-87-3	Chloromethane	0.00035	mg/kg	TRG	U	U	0.00035	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	110-82-7	Cyclohexane	0.000453	mg/kg	TRG	U	UJ	0.000453	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000709	mg/kg	TRG	U	U	0.000709	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	124-48-1	Dibromochloromethane	0.000472	mg/kg	TRG	U	U	0.000472	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	106-93-4	Dibromoethane, 1,2-	0.000397	mg/kg	TRG	U	U	0.000397	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000425	mg/kg	TRG	U	U	0.000425	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000293	mg/kg	TRG	U	U	0.000293	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	106-46-7	Dichlorobenzene, 1,4-	0.00035	mg/kg	TRG	U	U	0.00035	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	75-71-8	Dichlorodifluoromethane	0.00082	mg/kg	TRG	U	UJ	0.00082	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	75-34-3	Dichloroethane, 1,1-	0.000444	mg/kg	TRG	U	U	0.000444	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	107-06-2	Dichloroethane, 1,2-	0.000406	mg/kg	TRG	U	U	0.000406	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	75-35-4	Dichloroethene, 1,1-	0.000472	mg/kg	TRG	U	U	0.000472	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000444	mg/kg	TRG	U	U	0.000444	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000501	mg/kg	TRG	U	U	0.000501	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	78-87-5	Dichloropropane, 1,2-	0.000453	mg/kg	TRG	U	U	0.000453	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000406	mg/kg	TRG	U	U	0.000406	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000236	mg/kg	TRG	U	U	0.000236	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	100-41-4	Ethylbenzene	0.000359	mg/kg	TRG	U	U	0.000359	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	591-78-6	Hexanone, 2-	0.00356	mg/kg	TRG	U	U	0.00356	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	98-82-8	Isopropylbenzene	0.000425	mg/kg	TRG	U	UJ	0.000425	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	79-20-9	METHYL ACETATE	0.00312	mg/kg	TRG	U	U	0.00312	N	VOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000501	mg/kg	TRG	U	U	0.000501	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00381	mg/kg	TRG	U	U	0.00381	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	108-87-2	Methylcyclohexane	0.000482	mg/kg	TRG	U	UJ	0.000482	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	75-09-2	Methylene chloride	0.00128	mg/kg	TRG	U	U	0.00128	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	91-20-3	Naphthalene	0.0512	mg/kg	TRG	J	J	0.0128	Y	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	100-42-5	Styrene	0.000368	mg/kg	TRG	U	U	0.000368	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.00086	mg/kg	TRG	U	UJ	0.00086	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	127-18-4	Tetrachloroethene	0.000359	mg/kg	TRG	U	U	0.000359	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	108-88-3	Toluene	0.000321	mg/kg	TRG	U	U	0.000321	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000331	mg/kg	TRG	U	U	0.000331	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.00034	mg/kg	TRG	U	U	0.00034	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000501	mg/kg	TRG	U	U	0.000501	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	79-00-5	Trichloroethane, 1,1,2-	0.00051	mg/kg	TRG	U	U	0.00051	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	79-01-6	Trichloroethene	0.000425	mg/kg	TRG	U	U	0.000425	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	75-69-4	Trichlorofluoromethane	0.000472	mg/kg	TRG	U	U	0.000472	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	75-01-4	Vinyl chloride	0.000529	mg/kg	TRG	U	U	0.000529	N	VOLATILES	P
OUT_2BG	BH11				SO	24-May-04	8	10	BH11A(8-10)	REG	1330-20-7	Xylenes, total	0.000368	mg/kg	TRG	U	U	0.000368	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	2.04	mg/kg	TRG	P	J	0.51	Y	EXPLOSIVES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	118-96-7	Trinitrotoluene, 2,4,6-	4.64	mg/kg	TRG			1.16	Y	EXPLOSIVES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7429-90-5	Aluminum	11330	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7440-36-0	Antimony	0.459	mg/kg	TRG	UN	UJ	0.459	N	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7440-38-2	Arsenic	7.73	mg/kg	TRG	*	J	5	Y	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7440-39-3	Barium	142	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7440-41-7	Beryllium	0.59	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7440-43-9	Cadmium	0.704	mg/kg	TRG			0.65	Y	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7440-70-2	Calcium	25090	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7440-47-3	Chromium	26.7	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7440-48-4	Cobalt	6.06	mg/kg	TRG			6.3	Y	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7440-50-8	Copper	61.5	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7439-89-6	Iron	29960	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7439-92-1	Lead	295	mg/kg	TRG	N	J	2.5	Y	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7439-95-4	Magnesium	5910	mg/kg	TRG	*	J	50	Y	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7439-96-5	Manganese	317	mg/kg	TRG	N	J	50	Y	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7439-97-6	Mercury	0.121	mg/kg	TRG	E	J	0.03025	Y	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7440-02-0	Nickel	25.8	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7440-09-7	Potassium	1870	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7782-49-2	Selenium	1.8	mg/kg	TRG		J	0.75	Y	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7440-22-4	Silver	0.121	mg/kg	TRG	U	U	0.121	N	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7440-23-5	Sodium	99.3	mg/kg	TRG			646	Y	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7440-28-0	Thallium	1.34	mg/kg	TRG	U	U	1.34	N	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7440-62-2	Vanadium	28.6	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	7440-66-6	Zinc	221	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	10-00-4	% moisture	25.24	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	12674-11-2	Aroclor 1016	0.988	mg/kg	TRG	U	U	0.988	N	PEST/PCB	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	11096-82-5	Aroclor 1260	5.33	mg/kg	TRG			1.3325	Y	PEST/PCB	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	83-32-9	Acenaphthene	0.697	mg/kg	TRG	N	NJ	0.17425	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	208-96-8	Acenaphthylene	1.96	mg/kg	TRG	N	NJ	0.49	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	120-12-7	Anthracene	0.0388	mg/kg	TRG	N	NJ	0.0097	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	56-55-3	Benzo(a)anthracene	0.186	mg/kg	TRG	N	NJ	0.0465	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	50-32-8	Benzo(a)pyrene	0.229	mg/kg	TRG	N	NJ	0.05725	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	205-99-2	Benzo(b)fluoranthene	0.286	mg/kg	TRG	N	NJ	0.0715	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	191-24-2	Benzo(ghi)perylene	0.22	mg/kg	TRG	N	NJ	0.055	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	207-08-9	Benzo(k)fluoranthene	0.283	mg/kg	TRG	N	NJ	0.07075	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	218-01-9	Chrysene	0.297	mg/kg	TRG	N	NJ	0.07425	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	53-70-3	Dibenz(a,h)anthracene	0.124	mg/kg	TRG	N	NJ	0.031	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	121-14-2	Dinitrotoluene, 2,4-	1.04	mg/kg	TRG	P	J	0.26	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	606-20-2	Dinitrotoluene, 2,6-	0.152	mg/kg	TRG	J	J	0.038	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	206-44-0	Fluoranthene	0.35	mg/kg	TRG	N	NJ	0.0875	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	86-73-7	Fluorene	0.0913	mg/kg	TRG	J	J	0.022825	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.152	mg/kg	TRG	N	NJ	0.038	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	85-01-8	Phenanthrene	0.171	mg/kg	TRG	N	NJ	0.04275	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	129-00-0	Pyrene	0.295	mg/kg	TRG	N	NJ	0.07375	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	67-64-1	Acetone	0.0039	mg/kg	TRG	U	U	0.0039	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	71-43-2	Benzene	0.000499	mg/kg	TRG	U	U	0.000499	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	74-97-5	Bromochloromethane	0.000554	mg/kg	TRG	U	U	0.000554	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	75-27-4	Bromodichloromethane	0.000543	mg/kg	TRG	U	UJ	0.000543	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	75-25-2	Bromoform	0.000543	mg/kg	TRG	U	U	0.000543	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	74-83-9	Bromomethane	0.000554	mg/kg	TRG	U	UJ	0.000554	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	78-93-3	Butanone, 2-	0.00415	mg/kg	TRG	U	UJ	0.00415	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	75-15-0	Carbon disulfide	0.00262	mg/kg	TRG	U	U	0.00262	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	56-23-5	Carbon tetrachloride	0.000543	mg/kg	TRG	U	UJ	0.000543	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	108-90-7	Chlorobenzene	0.000454	mg/kg	TRG	U	U	0.000454	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	75-00-3	Chloroethane	0.000898	mg/kg	TRG	U	U	0.000898	N	VOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	67-66-3	Chloroform	0.000576	mg/kg	TRG	U	U	0.000576	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	74-87-3	Chloromethane	0.00041	mg/kg	TRG	U	U	0.00041	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	110-82-7	Cyclohexane	0.000532	mg/kg	TRG	U	U	0.000532	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000831	mg/kg	TRG	U	UJ	0.000831	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	124-48-1	Dibromochloromethane	0.000554	mg/kg	TRG	U	UJ	0.000554	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	106-93-4	Dibromoethane, 1,2-	0.000466	mg/kg	TRG	U	U	0.000466	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000499	mg/kg	TRG	U	UJ	0.000499	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000344	mg/kg	TRG	U	UJ	0.000344	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	106-46-7	Dichlorobenzene, 1,4-	0.00041	mg/kg	TRG	U	UJ	0.00041	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	75-71-8	Dichlorodifluoromethane	0.00084	mg/kg	TRG	U	UJ	0.00084	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	75-34-3	Dichloroethane, 1,1-	0.000521	mg/kg	TRG	U	U	0.000521	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	107-06-2	Dichloroethane, 1,2-	0.000477	mg/kg	TRG	U	U	0.000477	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	75-35-4	Dichloroethene, 1,1-	0.00066	mg/kg	TRG	J	J	0.000165	Y	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000521	mg/kg	TRG	U	U	0.000521	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000587	mg/kg	TRG	U	U	0.000587	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	78-87-5	Dichloropropane, 1,2-	0.000532	mg/kg	TRG	U	U	0.000532	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000477	mg/kg	TRG	U	U	0.000477	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000277	mg/kg	TRG	U	U	0.000277	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	100-41-4	Ethylbenzene	0.000421	mg/kg	TRG	U	U	0.000421	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	591-78-6	Hexanone, 2-	0.00418	mg/kg	TRG	U	UJ	0.00418	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	98-82-8	Isopropylbenzene	0.000499	mg/kg	TRG	U	UJ	0.000499	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	79-20-9	METHYL ACETATE	0.00366	mg/kg	TRG	U	UJ	0.00366	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000587	mg/kg	TRG	U	U	0.000587	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00447	mg/kg	TRG	U	UJ	0.00447	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	108-87-2	Methylcyclohexane	0.000565	mg/kg	TRG	U	U	0.000565	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	75-09-2	Methylene chloride	0.0015	mg/kg	TRG	U	U	0.0015	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	91-20-3	Naphthalene	0.136	mg/kg	TRG	N	NJ	0.034	Y	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	100-42-5	Styrene	0.000432	mg/kg	TRG	U	U	0.000432	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.00101	mg/kg	TRG	U	UJ	0.00101	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	127-18-4	Tetrachloroethene	0.000421	mg/kg	TRG	U	UJ	0.000421	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	108-88-3	Toluene	0.000377	mg/kg	TRG	U	U	0.000377	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000388	mg/kg	TRG	U	UJ	0.000388	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000399	mg/kg	TRG	U	UJ	0.000399	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000587	mg/kg	TRG	U	UJ	0.000587	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000599	mg/kg	TRG	U	U	0.000599	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	79-01-6	Trichloroethene	0.000499	mg/kg	TRG	U	U	0.000499	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	75-69-4	Trichlorofluoromethane	0.000554	mg/kg	TRG	U	UJ	0.000554	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	75-01-4	Vinyl chloride	0.000621	mg/kg	TRG	U	U	0.000621	N	VOLATILES	P
OUT_2BG	BH12				SO	22-May-04	0	1	BH12A(0-1)	REG	1330-20-7	Xylenes, total	0.000432	mg/kg	TRG	U	U	0.000432	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7429-90-5	Aluminum	12360	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7440-36-0	Antimony	0.41	mg/kg	TRG	U	UJ	0.41	N	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7440-38-2	Arsenic	13.6	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7440-39-3	Barium	70.2	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7440-41-7	Beryllium	0.734	mg/kg	TRG			0.65	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7440-43-9	Cadmium	7.79E-02	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7440-70-2	Calcium	3030	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7440-47-3	Chromium	20	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7440-48-4	Cobalt	9.57	mg/kg	TRG			6.3	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7440-50-8	Copper	23.4	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7439-89-6	Iron	26430	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7439-92-1	Lead	13	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7439-95-4	Magnesium	3440	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7439-96-5	Manganese	426	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7439-97-6	Mercury	2.43E-02	mg/kg	TRG			0.006075	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7440-02-0	Nickel	27.3	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7440-09-7	Potassium	1880	mg/kg	TRG			600	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7782-49-2	Selenium	0.785	mg/kg	TRG		B	0.75	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7440-22-4	Silver	0.108	mg/kg	TRG	U	U	0.108	N	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7440-23-5	Sodium	76.7	mg/kg	TRG			646	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7440-28-0	Thallium	1.19	mg/kg	TRG	U	U	1.19	N	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7440-62-2	Vanadium	36.9	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	7440-66-6	Zinc	52.7	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	10-00-4	% moisture	16.1	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	12674-11-2	Aroclor 1016	0.182	mg/kg	TRG	U	U	0.182	N	PEST/PCB	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	11096-82-5	Aroclor 1260	0.242	mg/kg	TRG	U	U	0.242	N	PEST/PCB	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	83-32-9	Acenaphthene	0.0785	mg/kg	TRG	U	U	0.0785	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	208-96-8	Acenaphthylene	0.0428	mg/kg	TRG	U	UJ	0.0428	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	120-12-7	Anthracene	0.00488	mg/kg	TRG	U	UJ	0.00488	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	56-55-3	Benzo(a)anthracene	0.00863	mg/kg	TRG	U	U	0.00863	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	50-32-8	Benzo(a)pyrene	0.0138	mg/kg	TRG	J	J	0.00345	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	205-99-2	Benzo(b)fluoranthene	0.00421	mg/kg	TRG	U	U	0.00421	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	191-24-2	Benzo(ghi)perylene	0.0153	mg/kg	TRG	U	U	0.0153	N	SEMIVOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	207-08-9	Benzo(k)fluoranthene	0.0309	mg/kg	TRG	N	NJ	0.007725	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	218-01-9	Chrysene	0.00626	mg/kg	TRG	U	U	0.00626	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	53-70-3	Dibenz(a,h)anthracene	0.00923	mg/kg	TRG	U	U	0.00923	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	206-44-0	Fluoranthene	0.0248	mg/kg	TRG	U	U	0.0248	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	86-73-7	Fluorene	0.0265	mg/kg	TRG	U	U	0.0265	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.00378	mg/kg	TRG	U	U	0.00378	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	85-01-8	Phenanthrene	0.0206	mg/kg	TRG	U	U	0.0206	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	129-00-0	Pyrene	0.0294	mg/kg	TRG	U	U	0.0294	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	67-64-1	Acetone	0.00314	mg/kg	TRG	U	U	0.00314	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	71-43-2	Benzene	0.000401	mg/kg	TRG	U	U	0.000401	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	74-97-5	Bromochloromethane	0.000446	mg/kg	TRG	U	U	0.000446	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	75-27-4	Bromodichloromethane	0.000437	mg/kg	TRG	U	U	0.000437	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	75-25-2	Bromoform	0.000437	mg/kg	TRG	U	U	0.000437	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	74-83-9	Bromomethane	0.000446	mg/kg	TRG	U	U	0.000446	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	78-93-3	Butanone, 2-	0.00333	mg/kg	TRG	U	UJ	0.00333	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	75-15-0	Carbon disulfide	0.0021	mg/kg	TRG	U	U	0.0021	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	56-23-5	Carbon tetrachloride	0.000437	mg/kg	TRG	U	U	0.000437	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	108-90-7	Chlorobenzene	0.000366	mg/kg	TRG	U	U	0.000366	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	75-00-3	Chloroethane	0.000722	mg/kg	TRG	U	U	0.000722	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	67-66-3	Chloroform	0.000464	mg/kg	TRG	U	U	0.000464	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	74-87-3	Chloromethane	0.00033	mg/kg	TRG	U	U	0.00033	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	110-82-7	Cyclohexane	0.000428	mg/kg	TRG	U	UJ	0.000428	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000669	mg/kg	TRG	U	U	0.000669	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	124-48-1	Dibromochloromethane	0.000446	mg/kg	TRG	U	UJ	0.000446	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	106-93-4	Dibromoethane, 1,2-	0.000374	mg/kg	TRG	U	U	0.000374	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000401	mg/kg	TRG	U	U	0.000401	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000276	mg/kg	TRG	U	U	0.000276	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	106-46-7	Dichlorobenzene, 1,4-	0.00033	mg/kg	TRG	U	U	0.00033	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	75-71-8	Dichlorodifluoromethane	0.00078	mg/kg	TRG	U	U	0.00078	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	75-34-3	Dichloroethane, 1,1-	0.000419	mg/kg	TRG	U	U	0.000419	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	107-06-2	Dichloroethane, 1,2-	0.000383	mg/kg	TRG	U	U	0.000383	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	75-35-4	Dichloroethene, 1,1-	0.000446	mg/kg	TRG	U	U	0.000446	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000419	mg/kg	TRG	U	U	0.000419	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000472	mg/kg	TRG	U	U	0.000472	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	78-87-5	Dichloropropane, 1,2-	0.000428	mg/kg	TRG	U	U	0.000428	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000383	mg/kg	TRG	U	U	0.000383	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000223	mg/kg	TRG	U	U	0.000223	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	100-41-4	Ethylbenzene	0.000339	mg/kg	TRG	U	U	0.000339	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	591-78-6	Hexanone, 2-	0.00336	mg/kg	TRG	U	UJ	0.00336	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	98-82-8	Isopropylbenzene	0.000401	mg/kg	TRG	U	U	0.000401	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	79-20-9	METHYL ACETATE	0.00294	mg/kg	TRG	U	UJ	0.00294	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000472	mg/kg	TRG	U	U	0.000472	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00359	mg/kg	TRG	U	UJ	0.00359	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	108-87-2	Methylcyclohexane	0.000455	mg/kg	TRG	U	U	0.000455	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	75-09-2	Methylene chloride	0.0012	mg/kg	TRG	U	U	0.0012	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	91-20-3	Naphthalene	0.0287	mg/kg	TRG	U	U	0.0287	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	100-42-5	Styrene	0.000348	mg/kg	TRG	U	U	0.000348	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000811	mg/kg	TRG	U	UJ	0.000811	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	127-18-4	Tetrachloroethene	0.000339	mg/kg	TRG	U	UJ	0.000339	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	108-88-3	Toluene	0.000303	mg/kg	TRG	U	U	0.000303	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000312	mg/kg	TRG	U	U	0.000312	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000321	mg/kg	TRG	U	UJ	0.000321	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000472	mg/kg	TRG	U	UJ	0.000472	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000481	mg/kg	TRG	U	U	0.000481	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	79-01-6	Trichloroethene	0.000401	mg/kg	TRG	U	U	0.000401	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	75-69-4	Trichlorofluoromethane	0.000446	mg/kg	TRG	U	UJ	0.000446	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	75-01-4	Vinyl chloride	0.000499	mg/kg	TRG	U	U	0.000499	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	3	5	BH12A(3-5)	REG	1330-20-7	Xylenes, total	0.000348	mg/kg	TRG	U	U	0.000348	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7429-90-5	Aluminum	11720	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7440-36-0	Antimony	0.413	mg/kg	TRG	B	J	8.35	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7440-38-2	Arsenic	12.6	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7440-39-3	Barium	61.4	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7440-41-7	Beryllium	0.562	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7440-43-9	Cadmium	0.272	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7440-70-2	Calcium	60300	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7440-47-3	Chromium	17.6	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7440-48-4	Cobalt	10	mg/kg	TRG			6.3	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7440-50-8	Copper	28.6	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7439-89-6	Iron	23250	mg/kg	TRG			25	Y	METALS	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7439-92-1	Lead	9.75	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7439-95-4	Magnesium	14940	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7439-96-5	Manganese	446	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7439-97-6	Mercury	1.48E-02	mg/kg	TRG			0.0037	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7440-02-0	Nickel	29.6	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7440-09-7	Potassium	3480	mg/kg	TRG			600	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7782-49-2	Selenium	2.68	mg/kg	TRG			0.75	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7440-22-4	Silver	0.104	mg/kg	TRG	U	U	0.104	N	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7440-23-5	Sodium	165	mg/kg	TRG			646	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7440-28-0	Thallium	1.15	mg/kg	TRG	U	U	1.15	N	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7440-62-2	Vanadium	23.5	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	7440-66-6	Zinc	57.9	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	10-00-4	% moisture	13.2	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	83-32-9	Acenaphthene	0.0763	mg/kg	TRG	U	U	0.0763	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	208-96-8	Acenaphthylene	0.169	mg/kg	TRG	N	NJ	0.04225	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	120-12-7	Anthracene	0.0228	mg/kg	TRG	N	NJ	0.0057	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	56-55-3	Benzo(a)anthracene	0.00838	mg/kg	TRG	U	U	0.00838	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	50-32-8	Benzo(a)pyrene	0.0256	mg/kg	TRG	N	NJ	0.0064	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	205-99-2	Benzo(b)fluoranthene	0.0188	mg/kg	TRG	J	J	0.0047	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	191-24-2	Benzo(ghi)perylene	0.0149	mg/kg	TRG	U	U	0.0149	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	207-08-9	Benzo(k)fluoranthene	0.142	mg/kg	TRG	N	NJ	0.0355	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	218-01-9	Chrysene	0.0283	mg/kg	TRG	J	J	0.007075	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	53-70-3	Dibenz(a,h)anthracene	0.00897	mg/kg	TRG	U	U	0.00897	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	206-44-0	Fluoranthene	0.298	mg/kg	TRG	N	NJ	0.0745	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	86-73-7	Fluorene	0.0258	mg/kg	TRG	U	U	0.0258	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0195	mg/kg	TRG	J	J	0.004875	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	85-01-8	Phenanthrene	0.175	mg/kg	TRG	N	NJ	0.04375	Y	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	129-00-0	Pyrene	0.0285	mg/kg	TRG	U	U	0.0285	N	SEMIVOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	67-64-1	Acetone	0.0088	mg/kg	TRG		J	0.0022	Y	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	71-43-2	Benzene	0.000299	mg/kg	TRG	U	U	0.000299	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	74-97-5	Bromochloromethane	0.000333	mg/kg	TRG	U	U	0.000333	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	75-27-4	Bromodichloromethane	0.000326	mg/kg	TRG	U	U	0.000326	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	75-25-2	Bromoform	0.000326	mg/kg	TRG	U	U	0.000326	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	74-83-9	Bromomethane	0.000333	mg/kg	TRG	U	U	0.000333	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	78-93-3	Butanone, 2-	0.00249	mg/kg	TRG	U	U	0.00249	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	75-15-0	Carbon disulfide	0.00157	mg/kg	TRG	U	U	0.00157	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	56-23-5	Carbon tetrachloride	0.000326	mg/kg	TRG	U	U	0.000326	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	108-90-7	Chlorobenzene	0.000273	mg/kg	TRG	U	U	0.000273	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	75-00-3	Chloroethane	0.000539	mg/kg	TRG	U	U	0.000539	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	67-66-3	Chloroform	0.000346	mg/kg	TRG	U	U	0.000346	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	74-87-3	Chloromethane	0.000246	mg/kg	TRG	U	U	0.000246	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	110-82-7	Cyclohexane	0.000319	mg/kg	TRG	U	UJ	0.000319	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000499	mg/kg	TRG	U	U	0.000499	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	124-48-1	Dibromochloromethane	0.000333	mg/kg	TRG	U	U	0.000333	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	106-93-4	Dibromoethane, 1,2-	0.000279	mg/kg	TRG	U	U	0.000279	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000299	mg/kg	TRG	U	U	0.000299	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000206	mg/kg	TRG	U	U	0.000206	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000246	mg/kg	TRG	U	U	0.000246	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	75-71-8	Dichlorodifluoromethane	0.000748	mg/kg	TRG	U	U	0.000748	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	75-34-3	Dichloroethane, 1,1-	0.000313	mg/kg	TRG	U	U	0.000313	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	107-06-2	Dichloroethane, 1,2-	0.000286	mg/kg	TRG	U	U	0.000286	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	75-35-4	Dichloroethene, 1,1-	0.0013	mg/kg	TRG			0.000325	Y	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000313	mg/kg	TRG	U	U	0.000313	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000353	mg/kg	TRG	U	U	0.000353	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	78-87-5	Dichloropropane, 1,2-	0.000319	mg/kg	TRG	U	U	0.000319	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000286	mg/kg	TRG	U	U	0.000286	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000166	mg/kg	TRG	U	U	0.000166	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	100-41-4	Ethylbenzene	0.000253	mg/kg	TRG	U	U	0.000253	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	591-78-6	Hexanone, 2-	0.00251	mg/kg	TRG	U	U	0.00251	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	98-82-8	Isopropylbenzene	0.000299	mg/kg	TRG	U	UJ	0.000299	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	79-20-9	METHYL ACETATE	0.0022	mg/kg	TRG	U	U	0.0022	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000353	mg/kg	TRG	U	U	0.000353	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00268	mg/kg	TRG	U	U	0.00268	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	108-87-2	Methylcyclohexane	0.000339	mg/kg	TRG	U	UJ	0.000339	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	75-09-2	Methylene chloride	0.000898	mg/kg	TRG	U	U	0.000898	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	91-20-3	Naphthalene	0.0279	mg/kg	TRG	U	U	0.0279	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	100-42-5	Styrene	0.000259	mg/kg	TRG	U	U	0.000259	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000605	mg/kg	TRG	U	UJ	0.000605	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	127-18-4	Tetrachloroethene	0.000253	mg/kg	TRG	U	U	0.000253	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	108-88-3	Toluene	0.000226	mg/kg	TRG	U	U	0.000226	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000233	mg/kg	TRG	U	U	0.000233	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.00024	mg/kg	TRG	U	U	0.00024	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000353	mg/kg	TRG	U	U	0.000353	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000359	mg/kg	TRG	U	U	0.000359	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	79-01-6	Trichloroethene	0.000299	mg/kg	TRG	U	U	0.000299	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	75-69-4	Trichlorofluoromethane	0.000333	mg/kg	TRG	U	U	0.000333	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	75-01-4	Vinyl chloride	0.000373	mg/kg	TRG	U	U	0.000373	N	VOLATILES	P
OUT_2BG	BH12				SO	24-May-04	8	10	BH12A(8-10)	REG	1330-20-7	Xylenes, total	0.000259	mg/kg	TRG	U	U	0.000259	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	118-96-7	Trinitrotoluene, 2,4,6-	2.23	mg/kg	TRG	P	J	0.5575	Y	EXPLOSIVES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7429-90-5	Aluminum	10500	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7440-36-0	Antimony	0.438	mg/kg	TRG	UN	UJ	0.438	N	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7440-38-2	Arsenic	5.72	mg/kg	TRG	*	J	5	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7440-39-3	Barium	98.6	mg/kg	TRG	*N	J	20	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7440-41-7	Beryllium	0.596	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7440-43-9	Cadmium	0.269	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7440-70-2	Calcium	4400	mg/kg	TRG	*	J	50	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7440-47-3	Chromium	15.5	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7440-48-4	Cobalt	5.22	mg/kg	TRG	*	J	6.3	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7440-50-8	Copper	27.4	mg/kg	TRG	N*	J	10	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7439-89-6	Iron	15080	mg/kg	TRG	*	J	25	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7439-92-1	Lead	148	mg/kg	TRG	N*	J	2.5	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7439-95-4	Magnesium	2610	mg/kg	TRG	*N	J	50	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7439-96-5	Manganese	244	mg/kg	TRG	*	J	50	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7439-97-6	Mercury	5.65E-02	mg/kg	TRG	E	J	0.014125	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7440-02-0	Nickel	17.3	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7440-09-7	Potassium	1500	mg/kg	TRG	*N	J	600	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7782-49-2	Selenium	0.586	mg/kg	TRG	B*	J	0.75	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7440-22-4	Silver	0.153	mg/kg	TRG	B	J	1.3	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7440-23-5	Sodium	62.5	mg/kg	TRG	*	J	646	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7440-28-0	Thallium	1.28	mg/kg	TRG	U	U	1.28	N	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7440-31-5	Tin	0.486	mg/kg	TRG	U*N	U	0.486	N	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7440-62-2	Vanadium	24.6	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	7440-66-6	Zinc	81.7	mg/kg	TRG	*N	J	10	Y	METALS	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	10-00-4	% moisture	21.95	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	12674-11-2	Aroclor 1016	10	mg/kg	TRG	U	U	10	N	PEST/PCB	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	11096-82-5	Aroclor 1260	13.3	mg/kg	TRG	U	U	13.3	N	PEST/PCB	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	83-32-9	Acenaphthene	0.251	mg/kg	TRG	N	NJ	0.06275	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	208-96-8	Acenaphthylene	0.605	mg/kg	TRG	N	NJ	0.15125	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	120-12-7	Anthracene	0.0118	mg/kg	TRG	N	NJ	0.00295	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	56-55-3	Benzo(a)anthracene	0.00886	mg/kg	TRG	N	NJ	0.002215	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	50-32-8	Benzo(a)pyrene	0.0235	mg/kg	TRG	N	NJ	0.005875	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	205-99-2	Benzo(b)fluoranthene	0.0363	mg/kg	TRG	N	NJ	0.009075	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	191-24-2	Benzo(ghi)perylene	0.0137	mg/kg	TRG	J	J	0.003425	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	207-08-9	Benzo(k)fluoranthene	0.112	mg/kg	TRG	N	NJ	0.028	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	218-01-9	Chrysene	0.026	mg/kg	TRG	N	NJ	0.0065	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	53-70-3	Dibenz(a,h)anthracene	0.00333	mg/kg	TRG	U	U	0.00333	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	121-14-2	Dinitrotoluene, 2,4-	1.37	mg/kg	TRG	P	J	0.3425	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	206-44-0	Fluoranthene	0.0788	mg/kg	TRG	N	NJ	0.0197	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	86-73-7	Fluorene	0.0404	mg/kg	TRG	J	J	0.0101	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0235	mg/kg	TRG	N	NJ	0.005875	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	85-01-8	Phenanthrene	0.0552	mg/kg	TRG	N	NJ	0.0138	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	129-00-0	Pyrene	0.0249	mg/kg	TRG	J	J	0.006225	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	67-64-1	Acetone	0.00332	mg/kg	TRG	U	U	0.00332	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	71-43-2	Benzene	0.000424	mg/kg	TRG	U	U	0.000424	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	74-97-5	Bromochloromethane	0.000472	mg/kg	TRG	U	U	0.000472	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	75-27-4	Bromodichloromethane	0.000462	mg/kg	TRG	U	U	0.000462	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	75-25-2	Bromoform	0.000462	mg/kg	TRG	U	U	0.000462	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	74-83-9	Bromomethane	0.000472	mg/kg	TRG	U	U	0.000472	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	78-93-3	Butanone, 2-	0.00353	mg/kg	TRG	U	U	0.00353	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	75-15-0	Carbon disulfide	0.00223	mg/kg	TRG	U	U	0.00223	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	56-23-5	Carbon tetrachloride	0.000462	mg/kg	TRG	U	U	0.000462	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	108-90-7	Chlorobenzene	0.000387	mg/kg	TRG	U	UJ	0.000387	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	75-00-3	Chloroethane	0.000764	mg/kg	TRG	U	U	0.000764	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	67-66-3	Chloroform	0.00049	mg/kg	TRG	U	U	0.00049	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	74-87-3	Chloromethane	0.000349	mg/kg	TRG	U	U	0.000349	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	110-82-7	Cyclohexane	0.000453	mg/kg	TRG	U	UJ	0.000453	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000707	mg/kg	TRG	U	U	0.000707	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	124-48-1	Dibromochloromethane	0.000472	mg/kg	TRG	U	U	0.000472	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	106-93-4	Dibromoethane, 1,2-	0.000396	mg/kg	TRG	U	U	0.000396	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000424	mg/kg	TRG	U	U	0.000424	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000292	mg/kg	TRG	U	U	0.000292	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000349	mg/kg	TRG	U	U	0.000349	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	75-71-8	Dichlorodifluoromethane	0.000777	mg/kg	TRG	U	U	0.000777	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	75-34-3	Dichloroethane, 1,1-	0.000443	mg/kg	TRG	U	U	0.000443	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	107-06-2	Dichloroethane, 1,2-	0.000405	mg/kg	TRG	U	U	0.000405	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	75-35-4	Dichloroethene, 1,1-	0.000472	mg/kg	TRG	U	U	0.000472	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000443	mg/kg	TRG	U	U	0.000443	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	156-60-5	Dichloroethene, trans-1,2-	0.0005	mg/kg	TRG	U	U	0.0005	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	78-87-5	Dichloropropane, 1,2-	0.000453	mg/kg	TRG	U	U	0.000453	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000405	mg/kg	TRG	U	U	0.000405	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000236	mg/kg	TRG	U	U	0.000236	N	VOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	100-41-4	Ethylbenzene	0.000358	mg/kg	TRG	U	U	0.000358	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	591-78-6	Hexanone, 2-	0.00356	mg/kg	TRG	U	U	0.00356	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	98-82-8	Isopropylbenzene	0.000424	mg/kg	TRG	U	U	0.000424	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	79-20-9	METHYL ACETATE	0.00311	mg/kg	TRG	U	UJ	0.00311	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.0005	mg/kg	TRG	U	U	0.0005	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	108-10-1	Methyl-2-pentanone, 4-	0.0038	mg/kg	TRG	U	U	0.0038	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	108-87-2	Methylcyclohexane	0.000421	mg/kg	TRG	U	U	0.000421	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	75-09-2	Methylene chloride	0.00127	mg/kg	TRG	U	U	0.00127	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	91-20-3	Naphthalene	0.606	mg/kg	TRG	N	NJ	0.1515	Y	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	100-42-5	Styrene	0.000368	mg/kg	TRG	U	U	0.000368	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000858	mg/kg	TRG	U	U	0.000858	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	127-18-4	Tetrachloroethene	0.0006	mg/kg	TRG	J	J	0.00015	Y	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	108-88-3	Toluene	0.000321	mg/kg	TRG	U	U	0.000321	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.00033	mg/kg	TRG	U	U	0.00033	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000339	mg/kg	TRG	U	U	0.000339	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	71-55-6	Trichloroethane, 1,1,1-	0.0005	mg/kg	TRG	U	U	0.0005	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000509	mg/kg	TRG	U	U	0.000509	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	79-01-6	Trichloroethene	0.000424	mg/kg	TRG	U	U	0.000424	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	75-69-4	Trichlorofluoromethane	0.000472	mg/kg	TRG	U	U	0.000472	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	75-01-4	Vinyl chloride	0.000528	mg/kg	TRG	U	U	0.000528	N	VOLATILES	P
OUT_2BG	BH13				SO	21-May-04	0	1	BH13A(0-1)	REG	1330-20-7	Xylenes, total	0.000368	mg/kg	TRG	U	U	0.000368	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7429-90-5	Aluminum	13140	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7440-36-0	Antimony	0.407	mg/kg	TRG	U	UJ	0.407	N	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7440-38-2	Arsenic	12.8	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7440-39-3	Barium	112	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7440-41-7	Beryllium	0.793	mg/kg	TRG			0.65	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7440-43-9	Cadmium	0.299	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7440-70-2	Calcium	3420	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7440-47-3	Chromium	20.6	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7440-48-4	Cobalt	16.2	mg/kg	TRG		J	6.3	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7440-50-8	Copper	25.7	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7439-89-6	Iron	24350	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7439-92-1	Lead	14	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7439-95-4	Magnesium	3590	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7439-96-5	Manganese	1070	mg/kg	TRG		J	50	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7439-97-6	Mercury	2.70E-02	mg/kg	TRG			0.00675	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7440-02-0	Nickel	34.6	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7440-09-7	Potassium	2060	mg/kg	TRG			600	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7782-49-2	Selenium	0.755	mg/kg	TRG		B	0.75	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7440-22-4	Silver	0.107	mg/kg	TRG	U	U	0.107	N	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7440-23-5	Sodium	82.1	mg/kg	TRG			646	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7440-28-0	Thallium	1.19	mg/kg	TRG	U	U	1.19	N	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7440-62-2	Vanadium	35.9	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	7440-66-6	Zinc	54.7	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	10-00-4	% moisture	18.3	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	12674-11-2	Aroclor 1016	0.178	mg/kg	TRG	U	U	0.178	N	PEST/PCB	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	11096-82-5	Aroclor 1260	0.237	mg/kg	TRG	U	U	0.237	N	PEST/PCB	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	83-32-9	Acenaphthene	0.0793	mg/kg	TRG	U	U	0.0793	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	208-96-8	Acenaphthylene	0.0432	mg/kg	TRG	U	UJ	0.0432	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	120-12-7	Anthracene	0.00493	mg/kg	TRG	U	UJ	0.00493	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	56-55-3	Benzo(a)anthracene	0.00872	mg/kg	TRG	U	U	0.00872	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	50-32-8	Benzo(a)pyrene	0.0125	mg/kg	TRG	J	J	0.003125	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	205-99-2	Benzo(b)fluoranthene	0.00425	mg/kg	TRG	U	U	0.00425	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	191-24-2	Benzo(ghi)perylene	0.0155	mg/kg	TRG	U	U	0.0155	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	207-08-9	Benzo(k)fluoranthene	0.12	mg/kg	TRG	N	NJ	0.03	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	218-01-9	Chrysene	0.00632	mg/kg	TRG	U	U	0.00632	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	53-70-3	Dibenz(a,h)anthracene	0.00932	mg/kg	TRG	U	U	0.00932	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	206-44-0	Fluoranthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	86-73-7	Fluorene	0.0268	mg/kg	TRG	U	U	0.0268	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.00382	mg/kg	TRG	U	U	0.00382	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	85-01-8	Phenanthrene	0.0208	mg/kg	TRG	U	U	0.0208	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	129-00-0	Pyrene	0.0297	mg/kg	TRG	U	U	0.0297	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	67-64-1	Acetone	0.00291	mg/kg	TRG	U	U	0.00291	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	71-43-2	Benzene	0.000371	mg/kg	TRG	U	U	0.000371	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	74-97-5	Bromochloromethane	0.000413	mg/kg	TRG	U	UJ	0.000413	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	75-27-4	Bromodichloromethane	0.000404	mg/kg	TRG	U	U	0.000404	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	75-25-2	Bromoform	0.000404	mg/kg	TRG	U	U	0.000404	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	74-83-9	Bromomethane	0.000413	mg/kg	TRG	U	U	0.000413	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	78-93-3	Butanone, 2-	0.00309	mg/kg	TRG	U	UJ	0.00309	N	VOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	75-15-0	Carbon disulfide	0.00195	mg/kg	TRG	U	U	0.00195	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	56-23-5	Carbon tetrachloride	0.000404	mg/kg	TRG	U	U	0.000404	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	108-90-7	Chlorobenzene	0.000338	mg/kg	TRG	U	U	0.000338	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	75-00-3	Chloroethane	0.000669	mg/kg	TRG	U	U	0.000669	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	67-66-3	Chloroform	0.000429	mg/kg	TRG	U	U	0.000429	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	74-87-3	Chloromethane	0.000305	mg/kg	TRG	U	U	0.000305	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	110-82-7	Cyclohexane	0.000396	mg/kg	TRG	U	U	0.000396	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000619	mg/kg	TRG	U	U	0.000619	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	124-48-1	Dibromochloromethane	0.000413	mg/kg	TRG	U	UJ	0.000413	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	106-93-4	Dibromoethane, 1,2-	0.000347	mg/kg	TRG	U	U	0.000347	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000371	mg/kg	TRG	U	U	0.000371	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000256	mg/kg	TRG	U	U	0.000256	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000305	mg/kg	TRG	U	U	0.000305	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	75-71-8	Dichlorodifluoromethane	0.00093	mg/kg	TRG	U	UJ	0.00093	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	75-34-3	Dichloroethane, 1,1-	0.00064	mg/kg	TRG	J	J	0.00016	Y	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	107-06-2	Dichloroethane, 1,2-	0.000355	mg/kg	TRG	U	U	0.000355	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	75-35-4	Dichloroethene, 1,1-	0.00059	mg/kg	TRG	J	J	0.0001475	Y	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000388	mg/kg	TRG	U	U	0.000388	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000437	mg/kg	TRG	U	U	0.000437	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	78-87-5	Dichloropropane, 1,2-	0.000396	mg/kg	TRG	U	U	0.000396	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000355	mg/kg	TRG	U	U	0.000355	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000206	mg/kg	TRG	U	U	0.000206	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	100-41-4	Ethylbenzene	0.000314	mg/kg	TRG	U	U	0.000314	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	591-78-6	Hexanone, 2-	0.00311	mg/kg	TRG	U	UJ	0.00311	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	98-82-8	Isopropylbenzene	0.000371	mg/kg	TRG	U	U	0.000371	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	79-20-9	METHYL ACETATE	0.00272	mg/kg	TRG	U	UJ	0.00272	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000437	mg/kg	TRG	U	U	0.000437	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00333	mg/kg	TRG	U	UJ	0.00333	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	108-87-2	Methylcyclohexane	0.000549	mg/kg	TRG	U	U	0.000549	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	75-09-2	Methylene chloride	0.00111	mg/kg	TRG	U	U	0.00111	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	91-20-3	Naphthalene	0.029	mg/kg	TRG	U	U	0.029	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	100-42-5	Styrene	0.000322	mg/kg	TRG	U	U	0.000322	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000751	mg/kg	TRG	U	UJ	0.000751	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	127-18-4	Tetrachloroethene	0.0022	mg/kg	TRG		J	0.00055	Y	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	108-88-3	Toluene	0.000281	mg/kg	TRG	U	U	0.000281	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000289	mg/kg	TRG	U	U	0.000289	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000297	mg/kg	TRG	U	UJ	0.000297	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	71-55-6	Trichloroethane, 1,1,1-	0.0079	mg/kg	TRG		J	0.001975	Y	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000446	mg/kg	TRG	U	U	0.000446	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	79-01-6	Trichloroethene	0.000371	mg/kg	TRG	U	U	0.000371	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	75-69-4	Trichlorofluoromethane	0.000413	mg/kg	TRG	U	UJ	0.000413	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	75-01-4	Vinyl chloride	0.000462	mg/kg	TRG	U	U	0.000462	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13A(3-5)	REG	1330-20-7	Xylenes, total	0.000322	mg/kg	TRG	U	U	0.000322	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7429-90-5	Aluminum	11370	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7440-36-0	Antimony	0.419	mg/kg	TRG	U	UJ	0.419	N	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7440-38-2	Arsenic	9.76	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7440-39-3	Barium	64.1	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7440-41-7	Beryllium	0.58	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7440-43-9	Cadmium	0.415	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7440-70-2	Calcium	47530	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7440-47-3	Chromium	18.6	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7440-48-4	Cobalt	8.67	mg/kg	TRG			6.3	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7440-50-8	Copper	25.8	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7439-89-6	Iron	21760	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7439-92-1	Lead	10.2	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7439-95-4	Magnesium	16400	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7439-96-5	Manganese	614	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7439-97-6	Mercury	1.95E-02	mg/kg	TRG			0.004875	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7440-02-0	Nickel	28.3	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7440-09-7	Potassium	2900	mg/kg	TRG			600	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7782-49-2	Selenium	3.61	mg/kg	TRG			0.75	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7440-22-4	Silver	0.11	mg/kg	TRG	U	U	0.11	N	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7440-23-5	Sodium	164	mg/kg	TRG			646	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7440-28-0	Thallium	1.22	mg/kg	TRG	U	U	1.22	N	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7440-62-2	Vanadium	30.4	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	7440-66-6	Zinc	53.7	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	10-00-4	% moisture	22.4	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	83-32-9	Acenaphthene	0.0817	mg/kg	TRG	U	U	0.0817	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	208-96-8	Acenaphthylene	0.408	mg/kg	TRG	N	NJ	0.102	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	120-12-7	Anthracene	0.0146	mg/kg	TRG	N	NJ	0.00365	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	56-55-3	Benzo(a)anthracene	0.00898	mg/kg	TRG	U	U	0.00898	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	50-32-8	Benzo(a)pyrene	0.0111	mg/kg	TRG	U	UJ	0.0111	N	SEMIVOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	205-99-2	Benzo(b)fluoranthene	0.0187	mg/kg	TRG	J	J	0.004675	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	191-24-2	Benzo(ghi)perylene	0.0159	mg/kg	TRG	U	U	0.0159	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	207-08-9	Benzo(k)fluoranthene	0.159	mg/kg	TRG	N	NJ	0.03975	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	218-01-9	Chrysene	0.0233	mg/kg	TRG	J	J	0.005825	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	53-70-3	Dibenz(a,h)anthracene	0.00961	mg/kg	TRG	U	U	0.00961	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	206-44-0	Fluoranthene	0.216	mg/kg	TRG	N	NJ	0.054	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	86-73-7	Fluorene	0.0501	mg/kg	TRG	J	J	0.012525	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0231	mg/kg	TRG	J	J	0.005775	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	85-01-8	Phenanthrene	0.13	mg/kg	TRG	N	NJ	0.0325	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	129-00-0	Pyrene	0.0306	mg/kg	TRG	U	U	0.0306	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	67-64-1	Acetone	0.00313	mg/kg	TRG	U	U	0.00313	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	71-43-2	Benzene	0.000401	mg/kg	TRG	U	U	0.000401	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	74-97-5	Bromochloromethane	0.000445	mg/kg	TRG	U	U	0.000445	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	75-27-4	Bromodichloromethane	0.000436	mg/kg	TRG	U	U	0.000436	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	75-25-2	Bromoform	0.000436	mg/kg	TRG	U	U	0.000436	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	74-83-9	Bromomethane	0.000445	mg/kg	TRG	U	UJ	0.000445	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	78-93-3	Butanone, 2-	0.00333	mg/kg	TRG	U	UJ	0.00333	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	75-15-0	Carbon disulfide	0.0021	mg/kg	TRG	U	U	0.0021	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	56-23-5	Carbon tetrachloride	0.000436	mg/kg	TRG	U	U	0.000436	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	108-90-7	Chlorobenzene	0.000365	mg/kg	TRG	U	U	0.000365	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	75-00-3	Chloroethane	0.000721	mg/kg	TRG	U	U	0.000721	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	67-66-3	Chloroform	0.000463	mg/kg	TRG	U	U	0.000463	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	74-87-3	Chloromethane	0.000329	mg/kg	TRG	U	U	0.000329	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	110-82-7	Cyclohexane	0.000427	mg/kg	TRG	U	U	0.000427	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000668	mg/kg	TRG	U	U	0.000668	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	124-48-1	Dibromochloromethane	0.000445	mg/kg	TRG	U	UJ	0.000445	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	106-93-4	Dibromoethane, 1,2-	0.000374	mg/kg	TRG	U	U	0.000374	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000401	mg/kg	TRG	U	U	0.000401	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000276	mg/kg	TRG	U	U	0.000276	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000329	mg/kg	TRG	U	U	0.000329	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	75-71-8	Dichlorodifluoromethane	0.00079	mg/kg	TRG	U	U	0.00079	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	75-34-3	Dichloroethane, 1,1-	0.000419	mg/kg	TRG	U	U	0.000419	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	107-06-2	Dichloroethane, 1,2-	0.000383	mg/kg	TRG	U	U	0.000383	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	75-35-4	Dichloroethene, 1,1-	0.0021	mg/kg	TRG			0.000525	Y	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000419	mg/kg	TRG	U	U	0.000419	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000472	mg/kg	TRG	U	U	0.000472	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	78-87-5	Dichloropropane, 1,2-	0.000427	mg/kg	TRG	U	U	0.000427	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000383	mg/kg	TRG	U	U	0.000383	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000223	mg/kg	TRG	U	U	0.000223	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	100-41-4	Ethylbenzene	0.000338	mg/kg	TRG	U	U	0.000338	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	591-78-6	Hexanone, 2-	0.00336	mg/kg	TRG	U	UJ	0.00336	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	98-82-8	Isopropylbenzene	0.000401	mg/kg	TRG	U	U	0.000401	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	79-20-9	METHYL ACETATE	0.00294	mg/kg	TRG	U	UJ	0.00294	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000472	mg/kg	TRG	U	U	0.000472	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00359	mg/kg	TRG	U	UJ	0.00359	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	108-87-2	Methylcyclohexane	0.000463	mg/kg	TRG	U	U	0.000463	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	75-09-2	Methylene chloride	0.0012	mg/kg	TRG	U	U	0.0012	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	91-20-3	Naphthalene	0.256	mg/kg	TRG	N	NJ	0.064	Y	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	100-42-5	Styrene	0.000347	mg/kg	TRG	U	U	0.000347	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.00081	mg/kg	TRG	U	UJ	0.00081	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	127-18-4	Tetrachloroethene	0.000338	mg/kg	TRG	U	UJ	0.000338	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	108-88-3	Toluene	0.000303	mg/kg	TRG	U	U	0.000303	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000312	mg/kg	TRG	U	U	0.000312	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000321	mg/kg	TRG	U	UJ	0.000321	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000472	mg/kg	TRG	U	UJ	0.000472	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000481	mg/kg	TRG	U	U	0.000481	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	79-01-6	Trichloroethene	0.000401	mg/kg	TRG	U	U	0.000401	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	75-69-4	Trichlorofluoromethane	0.000445	mg/kg	TRG	U	UJ	0.000445	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	75-01-4	Vinyl chloride	0.000499	mg/kg	TRG	U	U	0.000499	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	8	10	BH13A(8-10)	REG	1330-20-7	Xylenes, total	0.000347	mg/kg	TRG	U	U	0.000347	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7429-90-5	Aluminum	13630	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7440-36-0	Antimony	0.413	mg/kg	TRG	U	UJ	0.413	N	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7440-38-2	Arsenic	8.43	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7440-39-3	Barium	77.6	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7440-41-7	Beryllium	0.689	mg/kg	TRG			0.65	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7440-43-9	Cadmium	6.82E-02	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7440-70-2	Calcium	3360	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7440-47-3	Chromium	20.8	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7440-48-4	Cobalt	6.2	mg/kg	TRG		J	6.3	Y	METALS	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7440-50-8	Copper	17.6	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7439-89-6	Iron	21460	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7439-92-1	Lead	9.83	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7439-95-4	Magnesium	3820	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7439-96-5	Manganese	276	mg/kg	TRG		J	50	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7439-97-6	Mercury	2.57E-02	mg/kg	TRG			0.006425	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7440-02-0	Nickel	22.6	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7440-09-7	Potassium	2070	mg/kg	TRG			600	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7782-49-2	Selenium	0.629	mg/kg	TRG		B	0.75	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7440-22-4	Silver	0.108	mg/kg	TRG	U	U	0.108	N	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7440-23-5	Sodium	83.6	mg/kg	TRG			646	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7440-28-0	Thallium	1.2	mg/kg	TRG	U	U	1.2	N	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7440-62-2	Vanadium	31.6	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	7440-66-6	Zinc	55.4	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	10-00-4	% moisture	16.8	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	12674-11-2	Aroclor 1016	0.184	mg/kg	TRG	U	U	0.184	N	PEST/PCB	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	11096-82-5	Aroclor 1260	0.245	mg/kg	TRG	U	U	0.245	N	PEST/PCB	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	83-32-9	Acenaphthene	0.0793	mg/kg	TRG	U	U	0.0793	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	208-96-8	Acenaphthylene	0.0432	mg/kg	TRG	U	UJ	0.0432	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	120-12-7	Anthracene	0.00493	mg/kg	TRG	U	UJ	0.00493	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	56-55-3	Benzo(a)anthracene	0.00872	mg/kg	TRG	U	U	0.00872	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	50-32-8	Benzo(a)pyrene	0.0141	mg/kg	TRG	J	J	0.003525	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	205-99-2	Benzo(b)fluoranthene	0.013	mg/kg	TRG	J	J	0.00325	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	191-24-2	Benzo(ghi)perylene	0.0155	mg/kg	TRG	U	U	0.0155	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	207-08-9	Benzo(k)fluoranthene	0.0745	mg/kg	TRG	N	NJ	0.018625	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	218-01-9	Chrysene	0.00633	mg/kg	TRG	U	U	0.00633	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	53-70-3	Dibenz(a,h)anthracene	0.00933	mg/kg	TRG	U	U	0.00933	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	206-44-0	Fluoranthene	0.0257	mg/kg	TRG	J	J	0.006425	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	86-73-7	Fluorene	0.0268	mg/kg	TRG	U	U	0.0268	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	193-39-5	Indeno(1,2,3-cd)pyrene	0.0167	mg/kg	TRG	J	J	0.004175	Y	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	85-01-8	Phenanthrene	0.0208	mg/kg	TRG	U	U	0.0208	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	129-00-0	Pyrene	0.0297	mg/kg	TRG	U	U	0.0297	N	SEMIVOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	67-64-1	Acetone	0.00379	mg/kg	TRG	U	U	0.00379	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	71-43-2	Benzene	0.000484	mg/kg	TRG	U	U	0.000484	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	74-97-5	Bromochloromethane	0.000538	mg/kg	TRG	U	U	0.000538	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	75-27-4	Bromodichloromethane	0.000527	mg/kg	TRG	U	U	0.000527	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	75-25-2	Bromoform	0.000527	mg/kg	TRG	U	U	0.000527	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	74-83-9	Bromomethane	0.000538	mg/kg	TRG	U	UJ	0.000538	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	78-93-3	Butanone, 2-	0.00402	mg/kg	TRG	U	UJ	0.00402	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	75-15-0	Carbon disulfide	0.00254	mg/kg	TRG	U	U	0.00254	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	56-23-5	Carbon tetrachloride	0.000527	mg/kg	TRG	U	U	0.000527	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	108-90-7	Chlorobenzene	0.000441	mg/kg	TRG	U	U	0.000441	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	75-00-3	Chloroethane	0.000871	mg/kg	TRG	U	U	0.000871	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	67-66-3	Chloroform	0.000559	mg/kg	TRG	U	U	0.000559	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	74-87-3	Chloromethane	0.000398	mg/kg	TRG	U	U	0.000398	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	110-82-7	Cyclohexane	0.000516	mg/kg	TRG	U	U	0.000516	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000807	mg/kg	TRG	U	U	0.000807	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	124-48-1	Dibromochloromethane	0.000538	mg/kg	TRG	U	UJ	0.000538	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	106-93-4	Dibromoethane, 1,2-	0.000452	mg/kg	TRG	U	U	0.000452	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	95-50-1	Dichlorobenzene, 1,2-	0.000484	mg/kg	TRG	U	U	0.000484	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	541-73-1	Dichlorobenzene, 1,3-	0.000334	mg/kg	TRG	U	U	0.000334	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	106-46-7	Dichlorobenzene, 1,4-	0.000398	mg/kg	TRG	U	U	0.000398	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	75-71-8	Dichlorodifluoromethane	0.00075	mg/kg	TRG	U	U	0.00075	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	75-34-3	Dichloroethane, 1,1-	0.0007	mg/kg	TRG	J	J	0.000175	Y	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	107-06-2	Dichloroethane, 1,2-	0.000463	mg/kg	TRG	U	U	0.000463	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	75-35-4	Dichloroethene, 1,1-	0.00094	mg/kg	TRG	J	J	0.000235	Y	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	156-59-2	Dichloroethene, cis-1,2-	0.000506	mg/kg	TRG	U	U	0.000506	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	156-60-5	Dichloroethene, trans-1,2-	0.00057	mg/kg	TRG	U	U	0.00057	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	78-87-5	Dichloropropane, 1,2-	0.000516	mg/kg	TRG	U	U	0.000516	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	10061-01-5	Dichloropropene, cis-1,3-	0.000463	mg/kg	TRG	U	U	0.000463	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	10061-02-6	Dichloropropene, trans-1,3-	0.000269	mg/kg	TRG	U	U	0.000269	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	100-41-4	Ethylbenzene	0.000409	mg/kg	TRG	U	U	0.000409	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	591-78-6	Hexanone, 2-	0.00406	mg/kg	TRG	U	UJ	0.00406	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	98-82-8	Isopropylbenzene	0.000484	mg/kg	TRG	U	U	0.000484	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	79-20-9	METHYL ACETATE	0.00355	mg/kg	TRG	U	UJ	0.00355	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	1634-04-4	Methyl Tertiary Butyl Ether	0.00057	mg/kg	TRG	U	U	0.00057	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	108-10-1	Methyl-2-pentanone, 4-	0.00434	mg/kg	TRG	U	UJ	0.00434	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	108-87-2	Methylcyclohexane	0.000454	mg/kg	TRG	U	U	0.000454	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	75-09-2	Methylene chloride	0.00145	mg/kg	TRG	U	U	0.00145	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	91-20-3	Naphthalene	0.029	mg/kg	TRG	U	U	0.029	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	100-42-5	Styrene	0.00042	mg/kg	TRG	U	U	0.00042	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000979	mg/kg	TRG	U	UJ	0.000979	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	127-18-4	Tetrachloroethene	0.0026	mg/kg	TRG		J	0.00065	Y	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	108-88-3	Toluene	0.000366	mg/kg	TRG	U	U	0.000366	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	87-61-6	Trichlorobenzene, 1,2,3-	0.000377	mg/kg	TRG	U	U	0.000377	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	120-82-1	Trichlorobenzene, 1,2,4-	0.000387	mg/kg	TRG	U	UJ	0.000387	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	71-55-6	Trichloroethane, 1,1,1-	0.0086	mg/kg	TRG		J	0.00215	Y	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	79-00-5	Trichloroethane, 1,1,2-	0.000581	mg/kg	TRG	U	U	0.000581	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	79-01-6	Trichloroethene	0.000484	mg/kg	TRG	U	U	0.000484	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	75-69-4	Trichlorofluoromethane	0.000538	mg/kg	TRG	U	UJ	0.000538	N	VOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	75-01-4	Vinyl chloride	0.000602	mg/kg	TRG	U	U	0.000602	N	VOLATILES	P
OUT_2BG	BH13				SO	24-May-04	3	5	BH13D(3-5)	FD	1330-20-7	Xylenes, total	0.00042	mg/kg	TRG	U	U	0.00042	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.364	mg/kg	TRG	J	J	0.091	Y	EXPLOSIVES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7429-90-5	Aluminum	11310	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7440-36-0	Antimony	0.427	mg/kg	TRG	UN	UJ	0.427	N	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7440-38-2	Arsenic	6.13	mg/kg	TRG	*	J	5	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7440-39-3	Barium	69.1	mg/kg	TRG	*N	J	20	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7440-41-7	Beryllium	0.555	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7440-43-9	Cadmium	0.163	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7440-70-2	Calcium	4400	mg/kg	TRG	*	J	50	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7440-47-3	Chromium	15.5	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7440-48-4	Cobalt	5.25	mg/kg	TRG	*	J	6.3	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7440-50-8	Copper	19.1	mg/kg	TRG	N*	J	10	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7439-89-6	Iron	15660	mg/kg	TRG	*	J	25	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7439-92-1	Lead	41.9	mg/kg	TRG	N*	J	2.5	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7439-95-4	Magnesium	3080	mg/kg	TRG	*N	J	50	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7439-96-5	Manganese	206	mg/kg	TRG	*	J	50	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7439-97-6	Mercury	4.68E-02	mg/kg	TRG	E	J	0.0117	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7440-02-0	Nickel	14.2	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7440-09-7	Potassium	1240	mg/kg	TRG	*N	J	600	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7782-49-2	Selenium	1.32	mg/kg	TRG	*	J	0.75	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7440-22-4	Silver	0.152	mg/kg	TRG	B	J	1.3	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7440-23-5	Sodium	60.5	mg/kg	TRG	*	J	646	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7440-28-0	Thallium	1.24	mg/kg	TRG	U	U	1.24	N	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7440-31-5	Tin	0.474	mg/kg	TRG	U*N	U	0.474	N	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7440-62-2	Vanadium	25.6	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	7440-66-6	Zinc	53.9	mg/kg	TRG	*N	J	10	Y	METALS	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	10-00-4	% moisture	24.73	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	12674-11-2	Aroclor 1016	0.404	mg/kg	TRG	U	U	0.404	N	PEST/PCB	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	11096-82-5	Aroclor 1260	0.536	mg/kg	TRG	U	U	0.536	N	PEST/PCB	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	83-32-9	Acenaphthene	0.0788	mg/kg	TRG	N	NJ	0.0197	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	208-96-8	Acenaphthylene	0.0977	mg/kg	TRG	N	NJ	0.024425	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	120-12-7	Anthracene	0.0106	mg/kg	TRG	N	NJ	0.00265	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	56-55-3	Benzo(a)anthracene	0.0217	mg/kg	TRG	N	NJ	0.005425	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	50-32-8	Benzo(a)pyrene	0.0381	mg/kg	TRG	N	NJ	0.009525	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	205-99-2	Benzo(b)fluoranthene	0.0341	mg/kg	TRG	N	NJ	0.008525	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	191-24-2	Benzo(ghi)perylene	0.02	mg/kg	TRG	J	J	0.005	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	207-08-9	Benzo(k)fluoranthene	0.137	mg/kg	TRG	N	NJ	0.03425	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	218-01-9	Chrysene	0.0436	mg/kg	TRG	N	NJ	0.0109	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	53-70-3	Dibenz(a,h)anthracene	0.00345	mg/kg	TRG	U	U	0.00345	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	206-44-0	Fluoranthene	0.117	mg/kg	TRG	N	NJ	0.02925	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	86-73-7	Fluorene	0.0133	mg/kg	TRG	J	J	0.003325	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0131	mg/kg	TRG	N	NJ	0.003275	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	85-01-8	Phenanthrene	0.0762	mg/kg	TRG	N	NJ	0.01905	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	129-00-0	Pyrene	0.0368	mg/kg	TRG	J	J	0.0092	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	67-64-1	Acetone	0.00391	mg/kg	TRG	U	U	0.00391	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	71-43-2	Benzene	0.0005	mg/kg	TRG	U	U	0.0005	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	74-97-5	Bromochloromethane	0.000555	mg/kg	TRG	U	U	0.000555	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	75-27-4	Bromodichloromethane	0.000544	mg/kg	TRG	U	U	0.000544	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	75-25-2	Bromoform	0.000544	mg/kg	TRG	U	U	0.000544	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	74-83-9	Bromomethane	0.000555	mg/kg	TRG	U	U	0.000555	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	78-93-3	Butanone, 2-	0.00415	mg/kg	TRG	U	U	0.00415	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	75-15-0	Carbon disulfide	0.00262	mg/kg	TRG	U	U	0.00262	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	56-23-5	Carbon tetrachloride	0.000544	mg/kg	TRG	U	U	0.000544	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	108-90-7	Chlorobenzene	0.000455	mg/kg	TRG	U	U	0.000455	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	75-00-3	Chloroethane	0.000899	mg/kg	TRG	U	U	0.000899	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	67-66-3	Chloroform	0.000577	mg/kg	TRG	U	U	0.000577	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	74-87-3	Chloromethane	0.000411	mg/kg	TRG	U	U	0.000411	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	110-82-7	Cyclohexane	0.00072	mg/kg	TRG	J	J	0.00018	Y	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000833	mg/kg	TRG	U	U	0.000833	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	124-48-1	Dibromochloromethane	0.000555	mg/kg	TRG	U	U	0.000555	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	106-93-4	Dibromoethane, 1,2-	0.000466	mg/kg	TRG	U	U	0.000466	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	95-50-1	Dichlorobenzene, 1,2-	0.0005	mg/kg	TRG	U	U	0.0005	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000344	mg/kg	TRG	U	U	0.000344	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000411	mg/kg	TRG	U	U	0.000411	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	75-71-8	Dichlorodifluoromethane	0.000892	mg/kg	TRG	U	UJ	0.000892	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	75-34-3	Dichloroethane, 1,1-	0.000522	mg/kg	TRG	U	U	0.000522	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	107-06-2	Dichloroethane, 1,2-	0.000477	mg/kg	TRG	U	U	0.000477	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	75-35-4	Dichloroethene, 1,1-	0.000555	mg/kg	TRG	U	U	0.000555	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000522	mg/kg	TRG	U	U	0.000522	N	VOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000588	mg/kg	TRG	U	U	0.000588	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	78-87-5	Dichloropropane, 1,2-	0.000533	mg/kg	TRG	U	U	0.000533	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000477	mg/kg	TRG	U	U	0.000477	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000278	mg/kg	TRG	U	U	0.000278	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	100-41-4	Ethylbenzene	0.000422	mg/kg	TRG	U	U	0.000422	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	591-78-6	Hexanone, 2-	0.00418	mg/kg	TRG	U	U	0.00418	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	98-82-8	Isopropylbenzene	0.0005	mg/kg	TRG	U	U	0.0005	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	79-20-9	METHYL ACETATE	0.00366	mg/kg	TRG	U	UJ	0.00366	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000588	mg/kg	TRG	U	U	0.000588	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00447	mg/kg	TRG	U	U	0.00447	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	108-87-2	Methylcyclohexane	0.000477	mg/kg	TRG	U	UJ	0.000477	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	75-09-2	Methylene chloride	0.0015	mg/kg	TRG	U	U	0.0015	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	91-20-3	Naphthalene	0.183	mg/kg	TRG	N	NJ	0.04575	Y	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	100-42-5	Styrene	0.000433	mg/kg	TRG	U	U	0.000433	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.00101	mg/kg	TRG	U	U	0.00101	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	127-18-4	Tetrachloroethene	0.000422	mg/kg	TRG	U	U	0.000422	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	108-88-3	Toluene	0.000377	mg/kg	TRG	U	U	0.000377	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000389	mg/kg	TRG	U	U	0.000389	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.0004	mg/kg	TRG	U	U	0.0004	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000588	mg/kg	TRG	U	U	0.000588	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000599	mg/kg	TRG	U	U	0.000599	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	79-01-6	Trichloroethene	0.0005	mg/kg	TRG	U	U	0.0005	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	75-69-4	Trichlorofluoromethane	0.000555	mg/kg	TRG	U	U	0.000555	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	75-01-4	Vinyl chloride	0.000622	mg/kg	TRG	U	U	0.000622	N	VOLATILES	P
OUT_2BG	BH14				SO	21-May-04	0	1	BH14A(0-1)	REG	1330-20-7	Xylenes, total	0.000433	mg/kg	TRG	U	U	0.000433	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7429-90-5	Aluminum	12430	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7440-36-0	Antimony	0.407	mg/kg	TRG	U	UJ	0.407	N	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7440-38-2	Arsenic	9.89	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7440-39-3	Barium	87.3	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7440-41-7	Beryllium	0.599	mg/kg	TRG			0.65	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7440-43-9	Cadmium	0.467	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7440-70-2	Calcium	51910	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7440-47-3	Chromium	19.2	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7440-48-4	Cobalt	11.1	mg/kg	TRG			6.3	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7440-50-8	Copper	22.7	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7439-89-6	Iron	21920	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7439-92-1	Lead	9.46	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7439-95-4	Magnesium	17530	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7439-96-5	Manganese	746	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7439-97-6	Mercury	1.52E-02	mg/kg	TRG			0.0038	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7440-02-0	Nickel	32	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7440-09-7	Potassium	2620	mg/kg	TRG			600	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7782-49-2	Selenium	2.13	mg/kg	TRG			0.75	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7440-22-4	Silver	0.107	mg/kg	TRG	U	U	0.107	N	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7440-23-5	Sodium	149	mg/kg	TRG			646	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7440-28-0	Thallium	1.19	mg/kg	TRG	U	U	1.19	N	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7440-62-2	Vanadium	32.3	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	7440-66-6	Zinc	54.5	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	10-00-4	% moisture	18.1	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	12674-11-2	Aroclor 1016	0.183	mg/kg	TRG	U	U	0.183	N	PEST/PCB	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	11096-82-5	Aroclor 1260	0.243	mg/kg	TRG	U	U	0.243	N	PEST/PCB	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	83-32-9	Acenaphthene	0.0812	mg/kg	TRG	U	U	0.0812	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	208-96-8	Acenaphthylene	0.0442	mg/kg	TRG	U	UJ	0.0442	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	120-12-7	Anthracene	0.00504	mg/kg	TRG	U	UJ	0.00504	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	56-55-3	Benzo(a)anthracene	0.00892	mg/kg	TRG	U	U	0.00892	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	50-32-8	Benzo(a)pyrene	0.0134	mg/kg	TRG	J	J	0.00335	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	205-99-2	Benzo(b)fluoranthene	0.00788	mg/kg	TRG	J	J	0.00197	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	191-24-2	Benzo(ghi)perylene	0.0158	mg/kg	TRG	U	U	0.0158	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	207-08-9	Benzo(k)fluoranthene	0.0456	mg/kg	TRG	N	NJ	0.0114	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	218-01-9	Chrysene	0.00647	mg/kg	TRG	U	U	0.00647	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	53-70-3	Dibenz(a,h)anthracene	0.00954	mg/kg	TRG	U	U	0.00954	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	206-44-0	Fluoranthene	0.0256	mg/kg	TRG	U	U	0.0256	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	86-73-7	Fluorene	0.0274	mg/kg	TRG	U	U	0.0274	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.00391	mg/kg	TRG	U	U	0.00391	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	85-01-8	Phenanthrene	0.0213	mg/kg	TRG	U	U	0.0213	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	129-00-0	Pyrene	0.0304	mg/kg	TRG	U	U	0.0304	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	67-64-1	Acetone	0.00319	mg/kg	TRG	U	U	0.00319	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	71-43-2	Benzene	0.000408	mg/kg	TRG	U	U	0.000408	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	74-97-5	Bromochloromethane	0.000454	mg/kg	TRG	U	U	0.000454	N	VOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	75-27-4	Bromodichloromethane	0.000445	mg/kg	TRG	U	U	0.000445	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	75-25-2	Bromoform	0.000445	mg/kg	TRG	U	U	0.000445	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	74-83-9	Bromomethane	0.000454	mg/kg	TRG	U	UJ	0.000454	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	78-93-3	Butanone, 2-	0.00339	mg/kg	TRG	U	UJ	0.00339	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	75-15-0	Carbon disulfide	0.00214	mg/kg	TRG	U	U	0.00214	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	56-23-5	Carbon tetrachloride	0.000445	mg/kg	TRG	U	U	0.000445	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	108-90-7	Chlorobenzene	0.000372	mg/kg	TRG	U	U	0.000372	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	75-00-3	Chloroethane	0.000735	mg/kg	TRG	U	U	0.000735	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	67-66-3	Chloroform	0.000472	mg/kg	TRG	U	U	0.000472	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	74-87-3	Chloromethane	0.000336	mg/kg	TRG	U	U	0.000336	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	110-82-7	Cyclohexane	0.000436	mg/kg	TRG	U	U	0.000436	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000681	mg/kg	TRG	U	U	0.000681	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	124-48-1	Dibromochloromethane	0.000454	mg/kg	TRG	U	UJ	0.000454	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	106-93-4	Dibromoethane, 1,2-	0.000381	mg/kg	TRG	U	U	0.000381	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000408	mg/kg	TRG	U	U	0.000408	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000281	mg/kg	TRG	U	U	0.000281	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000336	mg/kg	TRG	U	U	0.000336	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	75-71-8	Dichlorodifluoromethane	0.00101	mg/kg	TRG	U	UJ	0.00101	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	75-34-3	Dichloroethane, 1,1-	0.000427	mg/kg	TRG	U	U	0.000427	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	107-06-2	Dichloroethane, 1,2-	0.00039	mg/kg	TRG	U	U	0.00039	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	75-35-4	Dichloroethene, 1,1-	0.000454	mg/kg	TRG	U	U	0.000454	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000427	mg/kg	TRG	U	U	0.000427	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000481	mg/kg	TRG	U	U	0.000481	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	78-87-5	Dichloropropane, 1,2-	0.000436	mg/kg	TRG	U	U	0.000436	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.00039	mg/kg	TRG	U	U	0.00039	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000227	mg/kg	TRG	U	U	0.000227	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	100-41-4	Ethylbenzene	0.000345	mg/kg	TRG	U	U	0.000345	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	591-78-6	Hexanone, 2-	0.00342	mg/kg	TRG	U	UJ	0.00342	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	98-82-8	Isopropylbenzene	0.000408	mg/kg	TRG	U	U	0.000408	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	79-20-9	METHYL ACETATE	0.003	mg/kg	TRG	U	UJ	0.003	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000481	mg/kg	TRG	U	U	0.000481	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00366	mg/kg	TRG	U	UJ	0.00366	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	108-87-2	Methylcyclohexane	0.000504	mg/kg	TRG	U	U	0.000504	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	75-09-2	Methylene chloride	0.00123	mg/kg	TRG	U	U	0.00123	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	91-20-3	Naphthalene	0.0296	mg/kg	TRG	U	U	0.0296	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	100-42-5	Styrene	0.000354	mg/kg	TRG	U	U	0.000354	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000826	mg/kg	TRG	U	UJ	0.000826	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	127-18-4	Tetrachloroethene	0.000345	mg/kg	TRG	U	UJ	0.000345	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	108-88-3	Toluene	0.000309	mg/kg	TRG	U	U	0.000309	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000318	mg/kg	TRG	U	U	0.000318	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000327	mg/kg	TRG	U	UJ	0.000327	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	71-55-6	Trichloroethane, 1,1,1-	0.0011	mg/kg	TRG		J	0.000275	Y	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	79-00-5	Trichloroethane, 1,1,2-	0.00049	mg/kg	TRG	U	U	0.00049	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	79-01-6	Trichloroethene	0.000408	mg/kg	TRG	U	U	0.000408	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	75-69-4	Trichlorofluoromethane	0.000454	mg/kg	TRG	U	UJ	0.000454	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	75-01-4	Vinyl chloride	0.000508	mg/kg	TRG	U	U	0.000508	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	3	5	BH14A(3-5)	REG	1330-20-7	Xylenes, total	0.000354	mg/kg	TRG	U	U	0.000354	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7429-90-5	Aluminum	11270	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7440-36-0	Antimony	0.424	mg/kg	TRG	U	UJ	0.424	N	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7440-38-2	Arsenic	8.81	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7440-39-3	Barium	64.9	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7440-41-7	Beryllium	0.574	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7440-43-9	Cadmium	0.356	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7440-70-2	Calcium	47940	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7440-47-3	Chromium	18.9	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7440-48-4	Cobalt	9.05	mg/kg	TRG			6.3	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7440-50-8	Copper	23	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7439-89-6	Iron	21740	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7439-92-1	Lead	10.3	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7439-95-4	Magnesium	18820	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7439-96-5	Manganese	509	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7439-97-6	Mercury	1.83E-02	mg/kg	TRG			0.004575	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7440-02-0	Nickel	27.5	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7440-09-7	Potassium	3000	mg/kg	TRG			600	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7782-49-2	Selenium	3.63	mg/kg	TRG			0.75	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7440-22-4	Silver	0.111	mg/kg	TRG	U	U	0.111	N	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7440-23-5	Sodium	181	mg/kg	TRG			646	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7440-28-0	Thallium	1.24	mg/kg	TRG	U	U	1.24	N	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7440-62-2	Vanadium	31	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	7440-66-6	Zinc	53.2	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	10-00-4	% moisture	17.8	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	83-32-9	Acenaphthene	0.169	mg/kg	TRG	N	NJ	0.04225	Y	SEMIVOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	208-96-8	Acenaphthylene	0.0608	mg/kg	TRG	J	J	0.0152	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	120-12-7	Anthracene	0.0113	mg/kg	TRG	J	J	0.002825	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	56-55-3	Benzo(a)anthracene	0.00882	mg/kg	TRG	U	U	0.00882	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	50-32-8	Benzo(a)pyrene	0.0166	mg/kg	TRG	J	J	0.00415	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	205-99-2	Benzo(b)fluoranthene	0.0273	mg/kg	TRG	N	NJ	0.006825	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	191-24-2	Benzo(ghi)perylene	0.0156	mg/kg	TRG	U	U	0.0156	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	207-08-9	Benzo(k)fluoranthene	0.129	mg/kg	TRG	N	NJ	0.03225	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	218-01-9	Chrysene	0.019	mg/kg	TRG	J	J	0.00475	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	53-70-3	Dibenz(a,h)anthracene	0.00943	mg/kg	TRG	U	U	0.00943	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	206-44-0	Fluoranthene	0.0836	mg/kg	TRG	J	J	0.0209	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	86-73-7	Fluorene	0.0271	mg/kg	TRG	U	U	0.0271	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0165	mg/kg	TRG	J	J	0.004125	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	85-01-8	Phenanthrene	0.0839	mg/kg	TRG	J	J	0.020975	Y	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	129-00-0	Pyrene	0.03	mg/kg	TRG	U	U	0.03	N	SEMIVOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	67-64-1	Acetone	0.0033	mg/kg	TRG	U	UJ	0.0033	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	71-43-2	Benzene	0.000421	mg/kg	TRG	U	U	0.000421	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	74-97-5	Bromochloromethane	0.000468	mg/kg	TRG	U	U	0.000468	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	75-27-4	Bromodichloromethane	0.000459	mg/kg	TRG	U	U	0.000459	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	75-25-2	Bromoform	0.000459	mg/kg	TRG	U	U	0.000459	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	74-83-9	Bromomethane	0.000468	mg/kg	TRG	U	U	0.000468	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	78-93-3	Butanone, 2-	0.0035	mg/kg	TRG	U	U	0.0035	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	75-15-0	Carbon disulfide	0.00221	mg/kg	TRG	U	U	0.00221	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	56-23-5	Carbon tetrachloride	0.000459	mg/kg	TRG	U	U	0.000459	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	108-90-7	Chlorobenzene	0.000384	mg/kg	TRG	U	U	0.000384	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	75-00-3	Chloroethane	0.000758	mg/kg	TRG	U	U	0.000758	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	67-66-3	Chloroform	0.000487	mg/kg	TRG	U	U	0.000487	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	74-87-3	Chloromethane	0.000346	mg/kg	TRG	U	U	0.000346	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	110-82-7	Cyclohexane	0.000449	mg/kg	TRG	U	UJ	0.000449	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000702	mg/kg	TRG	U	U	0.000702	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	124-48-1	Dibromochloromethane	0.000468	mg/kg	TRG	U	U	0.000468	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	106-93-4	Dibromoethane, 1,2-	0.000393	mg/kg	TRG	U	U	0.000393	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000421	mg/kg	TRG	U	U	0.000421	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	541-73-1	Dichlorobenzene, 1,3-	0.00029	mg/kg	TRG	U	U	0.00029	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000346	mg/kg	TRG	U	U	0.000346	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	75-71-8	Dichlorodifluoromethane	0.000887	mg/kg	TRG	U	UJ	0.000887	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	75-34-3	Dichloroethane, 1,1-	0.00044	mg/kg	TRG	U	U	0.00044	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	107-06-2	Dichloroethane, 1,2-	0.000403	mg/kg	TRG	U	U	0.000403	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	75-35-4	Dichloroethene, 1,1-	0.000468	mg/kg	TRG	U	U	0.000468	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	156-59-2	Dichloroethene, cis-1,2-	0.00044	mg/kg	TRG	U	U	0.00044	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000496	mg/kg	TRG	U	U	0.000496	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	78-87-5	Dichloropropane, 1,2-	0.000449	mg/kg	TRG	U	U	0.000449	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000403	mg/kg	TRG	U	U	0.000403	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000234	mg/kg	TRG	U	U	0.000234	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	100-41-4	Ethylbenzene	0.000356	mg/kg	TRG	U	U	0.000356	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	591-78-6	Hexanone, 2-	0.00353	mg/kg	TRG	U	U	0.00353	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	98-82-8	Isopropylbenzene	0.000421	mg/kg	TRG	U	UJ	0.000421	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	79-20-9	METHYL ACETATE	0.00309	mg/kg	TRG	U	U	0.00309	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000496	mg/kg	TRG	U	U	0.000496	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00377	mg/kg	TRG	U	U	0.00377	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	108-87-2	Methylcyclohexane	0.000516	mg/kg	TRG	U	U	0.000516	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	75-09-2	Methylene chloride	0.00126	mg/kg	TRG	U	U	0.00126	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	91-20-3	Naphthalene	0.0712	mg/kg	TRG	J	J	0.0178	Y	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	100-42-5	Styrene	0.000365	mg/kg	TRG	U	U	0.000365	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000852	mg/kg	TRG	U	UJ	0.000852	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	127-18-4	Tetrachloroethene	0.000356	mg/kg	TRG	U	U	0.000356	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	108-88-3	Toluene	0.000318	mg/kg	TRG	U	U	0.000318	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000328	mg/kg	TRG	U	U	0.000328	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000337	mg/kg	TRG	U	U	0.000337	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000496	mg/kg	TRG	U	U	0.000496	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000506	mg/kg	TRG	U	U	0.000506	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	79-01-6	Trichloroethene	0.000421	mg/kg	TRG	U	U	0.000421	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	75-69-4	Trichlorofluoromethane	0.000468	mg/kg	TRG	U	U	0.000468	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	75-01-4	Vinyl chloride	0.000524	mg/kg	TRG	U	U	0.000524	N	VOLATILES	P
OUT_2BG	BH14				SO	24-May-04	8	10	BH14A(8-10)	REG	1330-20-7	Xylenes, total	0.000365	mg/kg	TRG	U	U	0.000365	N	VOLATILES	P
OUT_2BG	BH14				SO	12-Oct-10	0	1	BG0006	REG	10-00-4	% moisture	19.2	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	1.92	mg/kg	TRG		J	0.48	Y	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	118-96-7	Trinitrotoluene, 2,4,6-	13.6	mg/kg	TRG		J	3.4	Y	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7429-90-5	Aluminum	12320	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7440-36-0	Antimony	0.429	mg/kg	TRG	UN	UJ	0.429	N	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7440-38-2	Arsenic	14.2	mg/kg	TRG	*	J	5	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7440-39-3	Barium	128	mg/kg	TRG	*N	J	20	Y	METALS	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7440-41-7	Beryllium	0.989	mg/kg	TRG			0.65	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7440-43-9	Cadmium	0.191	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7440-70-2	Calcium	3090	mg/kg	TRG	*	J	50	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7440-47-3	Chromium	15.2	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7440-48-4	Cobalt	13.1	mg/kg	TRG	*	J	6.3	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7440-50-8	Copper	38.9	mg/kg	TRG	N*	J	10	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7439-89-6	Iron	24280	mg/kg	TRG	*	J	25	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7439-92-1	Lead	89.6	mg/kg	TRG	N*	J	2.5	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7439-95-4	Magnesium	2190	mg/kg	TRG	*N	J	50	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7439-96-5	Manganese	611	mg/kg	TRG	*	J	50	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7439-97-6	Mercury	5.55E-02	mg/kg	TRG	E		0.013875	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7440-02-0	Nickel	27.5	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7440-09-7	Potassium	1580	mg/kg	TRG	*N	J	600	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7782-49-2	Selenium	0.638	mg/kg	TRG	*	J	0.75	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7440-22-4	Silver	0.185	mg/kg	TRG	B	J	1.3	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7440-23-5	Sodium	59.7	mg/kg	TRG	*	J	646	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7440-28-0	Thallium	1.25	mg/kg	TRG	U	U	1.25	N	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7440-31-5	Tin	0.476	mg/kg	TRG	U*N	U	0.476	N	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7440-62-2	Vanadium	27.9	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	7440-66-6	Zinc	70.3	mg/kg	TRG	*N	J	10	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	10-00-4	% moisture	24.2	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	12674-11-2	Aroclor 1016	1.02	mg/kg	TRG	U	U	1.02	N	PEST/PCB	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	11096-82-5	Aroclor 1260	1.36	mg/kg	TRG	U	U	1.36	N	PEST/PCB	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	83-32-9	Acenaphthene	0.213	mg/kg	TRG	J	J	0.05325	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	208-96-8	Acenaphthylene	0.724	mg/kg	TRG	N	NJ	0.181	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	120-12-7	Anthracene	0.00899	mg/kg	TRG	U	UJ	0.00899	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	56-55-3	Benzo(a)anthracene	0.0159	mg/kg	TRG	U	U	0.0159	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	50-32-8	Benzo(a)pyrene	0.0323	mg/kg	TRG	J	J	0.008075	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	205-99-2	Benzo(b)fluoranthene	0.0292	mg/kg	TRG	J	J	0.0073	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	191-24-2	Benzo(ghi)perylene	0.0282	mg/kg	TRG	U	U	0.0282	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	207-08-9	Benzo(k)fluoranthene	0.0441	mg/kg	TRG	N	NJ	0.011025	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	218-01-9	Chrysene	0.0352	mg/kg	TRG	J	J	0.0088	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	53-70-3	Dibenz(a,h)anthracene	0.017	mg/kg	TRG	U	U	0.017	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	121-14-2	Dinitrotoluene, 2,4-	0.341	mg/kg	TRG	PJ	J	0.08525	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	206-44-0	Fluoranthene	0.0505	mg/kg	TRG	J	J	0.012625	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	86-73-7	Fluorene	0.0489	mg/kg	TRG	U	U	0.0489	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.00962	mg/kg	TRG	J	J	0.002405	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	85-01-8	Phenanthrene	0.0395	mg/kg	TRG	J	J	0.009875	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	129-00-0	Pyrene	0.0541	mg/kg	TRG	U	U	0.0541	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	67-64-1	Acetone	0.00348	mg/kg	TRG	U	U	0.00348	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	71-43-2	Benzene	0.000445	mg/kg	TRG	U	U	0.000445	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	74-97-5	Bromochloromethane	0.000494	mg/kg	TRG	U	U	0.000494	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	75-27-4	Bromodichloromethane	0.000484	mg/kg	TRG	U	UJ	0.000484	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	75-25-2	Bromoform	0.000484	mg/kg	TRG	U	U	0.000484	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	74-83-9	Bromomethane	0.000494	mg/kg	TRG	U	UJ	0.000494	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	78-93-3	Butanone, 2-	0.0037	mg/kg	TRG	U	UJ	0.0037	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	75-15-0	Carbon disulfide	0.00233	mg/kg	TRG	U	U	0.00233	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	56-23-5	Carbon tetrachloride	0.000484	mg/kg	TRG	U	UJ	0.000484	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	108-90-7	Chlorobenzene	0.000405	mg/kg	TRG	U	U	0.000405	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	75-00-3	Chloroethane	0.0008	mg/kg	TRG	U	U	0.0008	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	67-66-3	Chloroform	0.000514	mg/kg	TRG	U	U	0.000514	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	74-87-3	Chloromethane	0.000366	mg/kg	TRG	U	U	0.000366	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	110-82-7	Cyclohexane	0.000474	mg/kg	TRG	U	U	0.000474	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000741	mg/kg	TRG	U	U	0.000741	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	124-48-1	Dibromochloromethane	0.000494	mg/kg	TRG	U	UJ	0.000494	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	106-93-4	Dibromoethane, 1,2-	0.000415	mg/kg	TRG	U	U	0.000415	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000445	mg/kg	TRG	U	U	0.000445	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000306	mg/kg	TRG	U	U	0.000306	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000366	mg/kg	TRG	U	U	0.000366	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	75-34-3	Dichloroethane, 1,1-	0.000464	mg/kg	TRG	U	U	0.000464	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	107-06-2	Dichloroethane, 1,2-	0.000425	mg/kg	TRG	U	U	0.000425	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	75-35-4	Dichloroethene, 1,1-	0.00062	mg/kg	TRG	J	J	0.000155	Y	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000464	mg/kg	TRG	U	U	0.000464	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000524	mg/kg	TRG	U	U	0.000524	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	78-87-5	Dichloropropane, 1,2-	0.000474	mg/kg	TRG	U	U	0.000474	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000425	mg/kg	TRG	U	U	0.000425	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000247	mg/kg	TRG	U	U	0.000247	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	100-41-4	Ethylbenzene	0.000375	mg/kg	TRG	U	U	0.000375	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	591-78-6	Hexanone, 2-	0.00372	mg/kg	TRG	U	UJ	0.00372	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	98-82-8	Isopropylbenzene	0.000445	mg/kg	TRG	U	U	0.000445	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	79-20-9	METHYL ACETATE	0.00326	mg/kg	TRG	U	UJ	0.00326	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000524	mg/kg	TRG	U	U	0.000524	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00398	mg/kg	TRG	U	UJ	0.00398	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	108-87-2	Methylcyclohexane	0.000479	mg/kg	TRG	U	U	0.000479	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	75-09-2	Methylene chloride	0.00133	mg/kg	TRG	U	U	0.00133	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	91-20-3	Naphthalene	2.68	mg/kg	TRG	N	NJ	0.67	Y	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	100-42-5	Styrene	0.000385	mg/kg	TRG	U	U	0.000385	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000899	mg/kg	TRG	U	UJ	0.000899	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	127-18-4	Tetrachloroethene	0.000375	mg/kg	TRG	U	UJ	0.000375	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	108-88-3	Toluene	0.000336	mg/kg	TRG	U	U	0.000336	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000346	mg/kg	TRG	U	U	0.000346	N	VOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000356	mg/kg	TRG	U	UJ	0.000356	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000524	mg/kg	TRG	U	UJ	0.000524	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000534	mg/kg	TRG	U	U	0.000534	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	79-01-6	Trichloroethene	0.000445	mg/kg	TRG	U	U	0.000445	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	75-69-4	Trichlorofluoromethane	0.000494	mg/kg	TRG	U	UJ	0.000494	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	75-01-4	Vinyl chloride	0.000553	mg/kg	TRG	U	U	0.000553	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15A(0-1)	REG	1330-20-7	Xylenes, total	0.000385	mg/kg	TRG	U	U	0.000385	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	99-35-4	Trinitrobenzene, 1,3,5-	0.441	mg/kg	TRG			0.11025	Y	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	118-96-7	Trinitrotoluene, 2,4,6-	47.7	mg/kg	TRG		J	11.925	Y	EXPLOSIVES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7429-90-5	Aluminum	10550	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7440-36-0	Antimony	0.534	mg/kg	TRG	BN	J	8.35	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7440-38-2	Arsenic	8.04	mg/kg	TRG	*	J	5	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7440-39-3	Barium	96	mg/kg	TRG	*N	J	20	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7440-41-7	Beryllium	0.712	mg/kg	TRG			0.65	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7440-43-9	Cadmium	0.166	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7440-70-2	Calcium	4400	mg/kg	TRG	*	J	50	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7440-47-3	Chromium	14.3	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7440-48-4	Cobalt	6.84	mg/kg	TRG	*	J	6.3	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7440-50-8	Copper	31.7	mg/kg	TRG	N*	J	10	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7439-89-6	Iron	15070	mg/kg	TRG	*	J	25	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7439-92-1	Lead	116	mg/kg	TRG	N*	J	2.5	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7439-95-4	Magnesium	2210	mg/kg	TRG	*N	J	50	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7439-96-5	Manganese	261	mg/kg	TRG	*	J	50	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7439-97-6	Mercury	6.17E-02	mg/kg	TRG	E	J	0.015425	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7440-02-0	Nickel	18.3	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7440-09-7	Potassium	1140	mg/kg	TRG	*N	J	600	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7782-49-2	Selenium	0.194	mg/kg	TRG	U*	U	0.194	N	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7440-22-4	Silver	0.191	mg/kg	TRG	B	J	1.3	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7440-23-5	Sodium	106	mg/kg	TRG	*	J	646	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7440-28-0	Thallium	1.2	mg/kg	TRG	U	U	1.2	N	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7440-31-5	Tin	3.78	mg/kg	TRG	*N		0.493	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7440-62-2	Vanadium	24.3	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	7440-66-6	Zinc	161	mg/kg	TRG	*N	J	10	Y	METALS	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	10-00-4	% moisture	20.44	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	12674-11-2	Aroclor 1016	0.929	mg/kg	TRG	U	U	0.929	N	PEST/PCB	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	11096-82-5	Aroclor 1260	1.23	mg/kg	TRG	U	U	1.23	N	PEST/PCB	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	83-32-9	Acenaphthene	1.07	mg/kg	TRG	N	NJ	0.2675	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	208-96-8	Acenaphthylene	1.63	mg/kg	TRG	N	NJ	0.4075	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	120-12-7	Anthracene	0.0233	mg/kg	TRG	N	NJ	0.005825	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	56-55-3	Benzo(a)anthracene	0.0619	mg/kg	TRG	N	NJ	0.015475	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	50-32-8	Benzo(a)pyrene	0.0627	mg/kg	TRG	N	NJ	0.015675	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	205-99-2	Benzo(b)fluoranthene	0.0622	mg/kg	TRG	N	NJ	0.01555	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	191-24-2	Benzo(ghi)perylene	0.0603	mg/kg	TRG	J	J	0.015075	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	207-08-9	Benzo(k)fluoranthene	0.127	mg/kg	TRG	N	NJ	0.03175	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	218-01-9	Chrysene	0.0699	mg/kg	TRG	J	J	0.017475	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	53-70-3	Dibenz(a,h)anthracene	0.0163	mg/kg	TRG	U	U	0.0163	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	121-14-2	Dinitrotoluene, 2,4-	0.92	mg/kg	TRG	P	J	0.23	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	206-44-0	Fluoranthene	0.108	mg/kg	TRG	J	J	0.027	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	86-73-7	Fluorene	0.0642	mg/kg	TRG	J	J	0.01605	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	193-39-5	Indeno(1,2,3-cd)pyrene	0.027	mg/kg	TRG	J	J	0.00675	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	85-01-8	Phenanthrene	0.0782	mg/kg	TRG	J	J	0.01955	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	129-00-0	Pyrene	0.0628	mg/kg	TRG	J	J	0.0157	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	67-64-1	Acetone	0.00356	mg/kg	TRG	U	U	0.00356	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	71-43-2	Benzene	0.000455	mg/kg	TRG	U	U	0.000455	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	74-97-5	Bromochloromethane	0.000506	mg/kg	TRG	U	U	0.000506	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	75-27-4	Bromodichloromethane	0.000496	mg/kg	TRG	U	UJ	0.000496	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	75-25-2	Bromoform	0.000496	mg/kg	TRG	U	U	0.000496	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	74-83-9	Bromomethane	0.000506	mg/kg	TRG	U	UJ	0.000506	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	78-93-3	Butanone, 2-	0.00378	mg/kg	TRG	U	UJ	0.00378	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	75-15-0	Carbon disulfide	0.00239	mg/kg	TRG	U	U	0.00239	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	56-23-5	Carbon tetrachloride	0.000496	mg/kg	TRG	U	UJ	0.000496	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	108-90-7	Chlorobenzene	0.000415	mg/kg	TRG	U	U	0.000415	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	75-00-3	Chloroethane	0.000819	mg/kg	TRG	U	U	0.000819	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	67-66-3	Chloroform	0.000526	mg/kg	TRG	U	U	0.000526	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	74-87-3	Chloromethane	0.000374	mg/kg	TRG	U	U	0.000374	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	110-82-7	Cyclohexane	0.000486	mg/kg	TRG	U	U	0.000486	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000759	mg/kg	TRG	U	U	0.000759	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	124-48-1	Dibromochloromethane	0.000506	mg/kg	TRG	U	UJ	0.000506	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	106-93-4	Dibromoethane, 1,2-	0.000425	mg/kg	TRG	U	U	0.000425	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	95-50-1	Dichlorobenzene, 1,2-	0.000455	mg/kg	TRG	U	U	0.000455	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	541-73-1	Dichlorobenzene, 1,3-	0.000314	mg/kg	TRG	U	U	0.000314	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	106-46-7	Dichlorobenzene, 1,4-	0.000374	mg/kg	TRG	U	U	0.000374	N	VOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	75-34-3	Dichloroethane, 1,1-	0.000476	mg/kg	TRG	U	U	0.000476	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	107-06-2	Dichloroethane, 1,2-	0.000435	mg/kg	TRG	U	U	0.000435	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	75-35-4	Dichloroethene, 1,1-	0.000506	mg/kg	TRG	U	U	0.000506	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	156-59-2	Dichloroethene, cis-1,2-	0.000476	mg/kg	TRG	U	U	0.000476	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	156-60-5	Dichloroethene, trans-1,2-	0.000536	mg/kg	TRG	U	U	0.000536	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	78-87-5	Dichloropropane, 1,2-	0.000486	mg/kg	TRG	U	U	0.000486	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	10061-01-5	Dichloropropene, cis-1,3-	0.000435	mg/kg	TRG	U	U	0.000435	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	10061-02-6	Dichloropropene, trans-1,3-	0.000253	mg/kg	TRG	U	U	0.000253	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	100-41-4	Ethylbenzene	0.000384	mg/kg	TRG	U	U	0.000384	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	591-78-6	Hexanone, 2-	0.00381	mg/kg	TRG	U	UJ	0.00381	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	98-82-8	Isopropylbenzene	0.000455	mg/kg	TRG	U	U	0.000455	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	79-20-9	METHYL ACETATE	0.00334	mg/kg	TRG	U	UJ	0.00334	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	1634-04-4	Methyl Tertiary Butyl Ether	0.000536	mg/kg	TRG	U	U	0.000536	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	108-10-1	Methyl-2-pentanone, 4-	0.00408	mg/kg	TRG	U	UJ	0.00408	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	108-87-2	Methylcyclohexane	0.00046	mg/kg	TRG	U	U	0.00046	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	75-09-2	Methylene chloride	0.00137	mg/kg	TRG	U	U	0.00137	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	91-20-3	Naphthalene	0.795	mg/kg	TRG	N	NJ	0.19875	Y	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	100-42-5	Styrene	0.000395	mg/kg	TRG	U	U	0.000395	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000921	mg/kg	TRG	U	UJ	0.000921	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	127-18-4	Tetrachloroethene	0.00039	mg/kg	TRG	J	J	0.0000975	Y	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	108-88-3	Toluene	0.000344	mg/kg	TRG	U	U	0.000344	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	87-61-6	Trichlorobenzene, 1,2,3-	0.000354	mg/kg	TRG	U	U	0.000354	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	120-82-1	Trichlorobenzene, 1,2,4-	0.000364	mg/kg	TRG	U	UJ	0.000364	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	71-55-6	Trichloroethane, 1,1,1-	0.000536	mg/kg	TRG	U	UJ	0.000536	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	79-00-5	Trichloroethane, 1,1,2-	0.000546	mg/kg	TRG	U	U	0.000546	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	79-01-6	Trichloroethene	0.000455	mg/kg	TRG	U	U	0.000455	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	75-69-4	Trichlorofluoromethane	0.000506	mg/kg	TRG	U	UJ	0.000506	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	75-01-4	Vinyl chloride	0.000567	mg/kg	TRG	U	U	0.000567	N	VOLATILES	P
OUT_2BG	BH15				SO	21-May-04	0	1	BH15D(0-1)	FD	1330-20-7	Xylenes, total	0.000395	mg/kg	TRG	U	U	0.000395	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.95	mg/kg	TRG	P	J	0.2375	Y	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7429-90-5	Aluminum	9690	mg/kg	TRG	E	J	25	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7440-36-0	Antimony	0.43	mg/kg	TRG	UN	U	0.43	N	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7440-38-2	Arsenic	13.6	mg/kg	TRG	*	J	5	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7440-39-3	Barium	48.7	mg/kg	TRG	NE	J	20	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7440-41-7	Beryllium	0.584	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7440-43-9	Cadmium	0.121	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7440-70-2	Calcium	9000	mg/kg	TRG	E	J	50	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7440-47-3	Chromium	15.7	mg/kg	TRG	E	J	0.5	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7440-48-4	Cobalt	7.54	mg/kg	TRG	E	J	6.3	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7440-50-8	Copper	23	mg/kg	TRG	*E	J	10	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7439-89-6	Iron	22780	mg/kg	TRG	E	J	25	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7439-92-1	Lead	10.8	mg/kg	TRG	*	J	2.5	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7439-95-4	Magnesium	4450	mg/kg	TRG	E	J	50	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7439-96-5	Manganese	283	mg/kg	TRG	*E	J	50	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7439-97-6	Mercury	2.52E-02	mg/kg	TRG			0.0063	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7440-02-0	Nickel	21.7	mg/kg	TRG	E	J	10	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7440-09-7	Potassium	1420	mg/kg	TRG	NE	J	600	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7782-49-2	Selenium	1.89	mg/kg	TRG	*	J	0.75	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7440-22-4	Silver	0.154	mg/kg	TRG	B	J	1.3	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7440-23-5	Sodium	103	mg/kg	TRG	E	J	646	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7440-28-0	Thallium	1.25	mg/kg	TRG	U	U	1.25	N	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7440-62-2	Vanadium	28.1	mg/kg	TRG	E	J	2	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	7440-66-6	Zinc	49.1	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	10-00-4	% moisture	20.6	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	12674-11-2	Aroclor 1016	0.195	mg/kg	TRG	U	U	0.195	N	PEST/PCB	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	11096-82-5	Aroclor 1260	0.259	mg/kg	TRG	U	U	0.259	N	PEST/PCB	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	83-32-9	Acenaphthene	0.0819	mg/kg	TRG	U	U	0.0819	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	208-96-8	Acenaphthylene	0.0665	mg/kg	TRG	J	J	0.016625	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	120-12-7	Anthracene	0.00509	mg/kg	TRG	U	UJ	0.00509	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	56-55-3	Benzo(a)anthracene	0.009	mg/kg	TRG	U	U	0.009	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	50-32-8	Benzo(a)pyrene	0.0131	mg/kg	TRG	J	J	0.003275	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	205-99-2	Benzo(b)fluoranthene	0.0054	mg/kg	TRG	J	J	0.00135	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	191-24-2	Benzo(ghi)perylene	0.016	mg/kg	TRG	U	U	0.016	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	207-08-9	Benzo(k)fluoranthene	0.0427	mg/kg	TRG	N	NJ	0.010675	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	218-01-9	Chrysene	0.00653	mg/kg	TRG	U	U	0.00653	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	53-70-3	Dibenz(a,h)anthracene	0.00963	mg/kg	TRG	U	U	0.00963	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.7	mg/kg	TRG	P	J	0.175	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	206-44-0	Fluoranthene	0.0259	mg/kg	TRG	U	U	0.0259	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	86-73-7	Fluorene	0.0277	mg/kg	TRG	U	U	0.0277	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.00395	mg/kg	TRG	U	U	0.00395	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	85-01-8	Phenanthrene	0.0215	mg/kg	TRG	U	U	0.0215	N	SEMIVOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	129-00-0	Pyrene	0.0307	mg/kg	TRG	U	U	0.0307	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	67-64-1	Acetone	0.00331	mg/kg	TRG	U	U	0.00331	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	71-43-2	Benzene	0.000423	mg/kg	TRG	U	U	0.000423	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	74-97-5	Bromochloromethane	0.00047	mg/kg	TRG	U	U	0.00047	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	75-27-4	Bromodichloromethane	0.00046	mg/kg	TRG	U	U	0.00046	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	75-25-2	Bromoform	0.00046	mg/kg	TRG	U	U	0.00046	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	74-83-9	Bromomethane	0.00047	mg/kg	TRG	U	U	0.00047	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	78-93-3	Butanone, 2-	0.00351	mg/kg	TRG	U	U	0.00351	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	75-15-0	Carbon disulfide	0.00222	mg/kg	TRG	U	U	0.00222	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	56-23-5	Carbon tetrachloride	0.00046	mg/kg	TRG	U	U	0.00046	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	108-90-7	Chlorobenzene	0.000385	mg/kg	TRG	U	U	0.000385	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	75-00-3	Chloroethane	0.000761	mg/kg	TRG	U	U	0.000761	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	67-66-3	Chloroform	0.000489	mg/kg	TRG	U	U	0.000489	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	74-87-3	Chloromethane	0.000348	mg/kg	TRG	U	U	0.000348	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	110-82-7	Cyclohexane	0.000451	mg/kg	TRG	U	U	0.000451	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000705	mg/kg	TRG	U	U	0.000705	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	124-48-1	Dibromochloromethane	0.00047	mg/kg	TRG	U	U	0.00047	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	106-93-4	Dibromoethane, 1,2-	0.000395	mg/kg	TRG	U	U	0.000395	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000423	mg/kg	TRG	U	U	0.000423	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000291	mg/kg	TRG	U	U	0.000291	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000348	mg/kg	TRG	U	U	0.000348	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	75-34-3	Dichloroethane, 1,1-	0.00067	mg/kg	TRG	J	J	0.0001675	Y	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	107-06-2	Dichloroethane, 1,2-	0.000404	mg/kg	TRG	U	U	0.000404	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	75-35-4	Dichloroethene, 1,1-	0.00062	mg/kg	TRG	J	J	0.000155	Y	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000442	mg/kg	TRG	U	U	0.000442	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000498	mg/kg	TRG	U	U	0.000498	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	78-87-5	Dichloropropane, 1,2-	0.000451	mg/kg	TRG	U	U	0.000451	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000404	mg/kg	TRG	U	U	0.000404	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000235	mg/kg	TRG	U	U	0.000235	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	100-41-4	Ethylbenzene	0.000357	mg/kg	TRG	U	U	0.000357	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	591-78-6	Hexanone, 2-	0.00354	mg/kg	TRG	U	U	0.00354	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	98-82-8	Isopropylbenzene	0.000423	mg/kg	TRG	U	U	0.000423	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	79-20-9	METHYL ACETATE	0.0031	mg/kg	TRG	U	U	0.0031	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000498	mg/kg	TRG	U	U	0.000498	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00379	mg/kg	TRG	U	U	0.00379	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	108-87-2	Methylcyclohexane	0.000477	mg/kg	TRG	U	U	0.000477	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	75-09-2	Methylene chloride	0.00127	mg/kg	TRG	U	U	0.00127	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	91-20-3	Naphthalene	0.0299	mg/kg	TRG	U	U	0.0299	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	100-42-5	Styrene	0.000366	mg/kg	TRG	U	U	0.000366	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000855	mg/kg	TRG	U	U	0.000855	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	127-18-4	Tetrachloroethene	0.0029	mg/kg	TRG			0.000725	Y	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	108-88-3	Toluene	0.000319	mg/kg	TRG	U	U	0.000319	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000329	mg/kg	TRG	U	U	0.000329	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000338	mg/kg	TRG	U	U	0.000338	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	71-55-6	Trichloroethane, 1,1,1-	0.0123	mg/kg	TRG			0.003075	Y	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000507	mg/kg	TRG	U	U	0.000507	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	79-01-6	Trichloroethene	0.000423	mg/kg	TRG	U	U	0.000423	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	75-69-4	Trichlorofluoromethane	0.00047	mg/kg	TRG	U	U	0.00047	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	75-01-4	Vinyl chloride	0.000526	mg/kg	TRG	U	U	0.000526	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15A(3-5)	REG	1330-20-7	Xylenes, total	0.000366	mg/kg	TRG	U	U	0.000366	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.311	mg/kg	TRG	PJ	J	0.07775	Y	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7429-90-5	Aluminum	13040	mg/kg	TRG	E	J	25	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7440-36-0	Antimony	0.421	mg/kg	TRG	UN	U	0.421	N	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7440-38-2	Arsenic	6.82	mg/kg	TRG	*	J	5	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7440-39-3	Barium	67.7	mg/kg	TRG	NE	J	20	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7440-41-7	Beryllium	0.601	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7440-43-9	Cadmium	0.305	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7440-70-2	Calcium	54050	mg/kg	TRG	E	J	50	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7440-47-3	Chromium	18.9	mg/kg	TRG	E	J	0.5	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7440-48-4	Cobalt	9.58	mg/kg	TRG	E	J	6.3	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7440-50-8	Copper	22.2	mg/kg	TRG	*E	J	10	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7439-89-6	Iron	21160	mg/kg	TRG	E	J	25	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7439-92-1	Lead	10.5	mg/kg	TRG	*	J	2.5	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7439-95-4	Magnesium	21450	mg/kg	TRG	E	J	50	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7439-96-5	Manganese	491	mg/kg	TRG	*E	J	50	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7439-97-6	Mercury	1.61E-02	mg/kg	TRG			0.004025	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7440-02-0	Nickel	25.1	mg/kg	TRG	E	J	10	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7440-09-7	Potassium	3360	mg/kg	TRG	NE	J	600	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7782-49-2	Selenium	3.95	mg/kg	TRG	*	J	0.75	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7440-22-4	Silver	0.16	mg/kg	TRG	B	J	1.3	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7440-23-5	Sodium	223	mg/kg	TRG	E	J	646	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7440-28-0	Thallium	1.23	mg/kg	TRG	U	U	1.23	N	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7440-62-2	Vanadium	30.6	mg/kg	TRG	E	J	2	Y	METALS	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	7440-66-6	Zinc	51	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	10-00-4	% moisture	19.7	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	83-32-9	Acenaphthene	0.0822	mg/kg	TRG	U	U	0.0822	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	208-96-8	Acenaphthylene	0.0448	mg/kg	TRG	U	UJ	0.0448	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	120-12-7	Anthracene	0.00515	mg/kg	TRG	J	J	0.0012875	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	56-55-3	Benzo(a)anthracene	0.00903	mg/kg	TRG	U	U	0.00903	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	50-32-8	Benzo(a)pyrene	0.0111	mg/kg	TRG	U	U	0.0111	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	205-99-2	Benzo(b)fluoranthene	0.0179	mg/kg	TRG	J	J	0.004475	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	191-24-2	Benzo(ghi)perylene	0.0519	mg/kg	TRG	J	J	0.012975	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	207-08-9	Benzo(k)fluoranthene	0.0616	mg/kg	TRG	N	NJ	0.0154	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	218-01-9	Chrysene	0.0142	mg/kg	TRG	J	J	0.00355	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	53-70-3	Dibenz(a,h)anthracene	0.00966	mg/kg	TRG	U	U	0.00966	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	121-14-2	Dinitrotoluene, 2,4-	0.506	mg/kg	TRG			0.1265	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	206-44-0	Fluoranthene	0.0306	mg/kg	TRG	J	J	0.00765	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	86-73-7	Fluorene	0.0278	mg/kg	TRG	U	U	0.0278	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0108	mg/kg	TRG	J	J	0.0027	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	85-01-8	Phenanthrene	0.0379	mg/kg	TRG	J	J	0.009475	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	129-00-0	Pyrene	0.0308	mg/kg	TRG	U	U	0.0308	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	67-64-1	Acetone	0.00329	mg/kg	TRG	U	U	0.00329	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	71-43-2	Benzene	0.000421	mg/kg	TRG	U	U	0.000421	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	74-97-5	Bromochloromethane	0.000468	mg/kg	TRG	U	U	0.000468	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	75-27-4	Bromodichloromethane	0.000459	mg/kg	TRG	U	U	0.000459	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	75-25-2	Bromoform	0.000459	mg/kg	TRG	U	U	0.000459	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	74-83-9	Bromomethane	0.000468	mg/kg	TRG	U	U	0.000468	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	78-93-3	Butanone, 2-	0.0035	mg/kg	TRG	U	U	0.0035	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	75-15-0	Carbon disulfide	0.00221	mg/kg	TRG	U	U	0.00221	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	56-23-5	Carbon tetrachloride	0.000459	mg/kg	TRG	U	U	0.000459	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	108-90-7	Chlorobenzene	0.000384	mg/kg	TRG	U	U	0.000384	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	75-00-3	Chloroethane	0.000758	mg/kg	TRG	U	U	0.000758	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	67-66-3	Chloroform	0.000487	mg/kg	TRG	U	U	0.000487	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	74-87-3	Chloromethane	0.000346	mg/kg	TRG	U	U	0.000346	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	110-82-7	Cyclohexane	0.000449	mg/kg	TRG	U	U	0.000449	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000702	mg/kg	TRG	U	U	0.000702	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	124-48-1	Dibromochloromethane	0.000468	mg/kg	TRG	U	U	0.000468	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	106-93-4	Dibromoethane, 1,2-	0.000393	mg/kg	TRG	U	U	0.000393	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000421	mg/kg	TRG	U	U	0.000421	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	541-73-1	Dichlorobenzene, 1,3-	0.00029	mg/kg	TRG	U	U	0.00029	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000346	mg/kg	TRG	U	U	0.000346	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	75-34-3	Dichloroethane, 1,1-	0.0017	mg/kg	TRG			0.000425	Y	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	107-06-2	Dichloroethane, 1,2-	0.000402	mg/kg	TRG	U	U	0.000402	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	75-35-4	Dichloroethene, 1,1-	0.00069	mg/kg	TRG	J	J	0.0001725	Y	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	156-59-2	Dichloroethene, cis-1,2-	0.00044	mg/kg	TRG	U	U	0.00044	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000496	mg/kg	TRG	U	U	0.000496	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	78-87-5	Dichloropropane, 1,2-	0.000449	mg/kg	TRG	U	U	0.000449	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000402	mg/kg	TRG	U	U	0.000402	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000234	mg/kg	TRG	U	U	0.000234	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	100-41-4	Ethylbenzene	0.000356	mg/kg	TRG	U	U	0.000356	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	591-78-6	Hexanone, 2-	0.00353	mg/kg	TRG	U	U	0.00353	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	98-82-8	Isopropylbenzene	0.000421	mg/kg	TRG	U	U	0.000421	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	79-20-9	METHYL ACETATE	0.00309	mg/kg	TRG	U	U	0.00309	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000496	mg/kg	TRG	U	U	0.000496	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00377	mg/kg	TRG	U	U	0.00377	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	108-87-2	Methylcyclohexane	0.000461	mg/kg	TRG	U	U	0.000461	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	75-09-2	Methylene chloride	0.00126	mg/kg	TRG	U	U	0.00126	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	91-20-3	Naphthalene	0.0573	mg/kg	TRG	J	J	0.014325	Y	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	100-42-5	Styrene	0.000365	mg/kg	TRG	U	U	0.000365	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000852	mg/kg	TRG	U	U	0.000852	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	127-18-4	Tetrachloroethene	0.000356	mg/kg	TRG	U	U	0.000356	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	108-88-3	Toluene	0.000318	mg/kg	TRG	U	U	0.000318	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000328	mg/kg	TRG	U	U	0.000328	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000337	mg/kg	TRG	U	U	0.000337	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	71-55-6	Trichloroethane, 1,1,1-	0.0153	mg/kg	TRG			0.003825	Y	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000505	mg/kg	TRG	U	U	0.000505	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	79-01-6	Trichloroethene	0.000421	mg/kg	TRG	U	U	0.000421	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	75-69-4	Trichlorofluoromethane	0.000468	mg/kg	TRG	U	U	0.000468	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	75-01-4	Vinyl chloride	0.000524	mg/kg	TRG	U	U	0.000524	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	8	10	BH15A(8-10)	REG	1330-20-7	Xylenes, total	0.000365	mg/kg	TRG	U	U	0.000365	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	118-96-7	Trinitrotoluene, 2,4,6-	0.683	mg/kg	TRG			0.17075	Y	EXPLOSIVES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7429-90-5	Aluminum	10990	mg/kg	TRG	E	J	25	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7440-36-0	Antimony	0.425	mg/kg	TRG	UN	U	0.425	N	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7440-38-2	Arsenic	13.6	mg/kg	TRG	*	J	5	Y	METALS	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7440-39-3	Barium	62.8	mg/kg	TRG	NE	J	20	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7440-41-7	Beryllium	0.611	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7440-43-9	Cadmium	0.158	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7440-70-2	Calcium	4210	mg/kg	TRG	E	J	50	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7440-47-3	Chromium	16.9	mg/kg	TRG	E	J	0.5	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7440-48-4	Cobalt	10.1	mg/kg	TRG	E	J	6.3	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7440-50-8	Copper	25.1	mg/kg	TRG	*E	J	10	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7439-89-6	Iron	23980	mg/kg	TRG	E	J	25	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7439-92-1	Lead	12.8	mg/kg	TRG	*	J	2.5	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7439-95-4	Magnesium	3600	mg/kg	TRG	E	J	50	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7439-96-5	Manganese	465	mg/kg	TRG	*E	J	50	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7439-97-6	Mercury	2.54E-02	mg/kg	TRG			0.00635	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7440-02-0	Nickel	25.3	mg/kg	TRG	E	J	10	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7440-09-7	Potassium	1530	mg/kg	TRG	NE	J	600	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7782-49-2	Selenium	0.201	mg/kg	TRG	U*	U	0.201	N	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7440-22-4	Silver	0.274	mg/kg	TRG	B	J	1.3	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7440-23-5	Sodium	99	mg/kg	TRG	E	J	646	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7440-28-0	Thallium	1.24	mg/kg	TRG	U	U	1.24	N	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7440-62-2	Vanadium	29.6	mg/kg	TRG	E	J	2	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	7440-66-6	Zinc	51.9	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	10-00-4	% moisture	20.3	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	12674-11-2	Aroclor 1016	0.19	mg/kg	TRG	U	U	0.19	N	PEST/PCB	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	11096-82-5	Aroclor 1260	0.253	mg/kg	TRG	U	U	0.253	N	PEST/PCB	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	83-32-9	Acenaphthene	0.0828	mg/kg	TRG	U	U	0.0828	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	208-96-8	Acenaphthylene	0.052	mg/kg	TRG	J	J	0.013	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	120-12-7	Anthracene	0.00515	mg/kg	TRG	U	UJ	0.00515	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	56-55-3	Benzo(a)anthracene	0.0091	mg/kg	TRG	U	U	0.0091	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	50-32-8	Benzo(a)pyrene	0.0147	mg/kg	TRG	J	J	0.003675	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	205-99-2	Benzo(b)fluoranthene	0.00485	mg/kg	TRG	J	J	0.0012125	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	191-24-2	Benzo(ghi)perylene	0.0162	mg/kg	TRG	U	U	0.0162	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	207-08-9	Benzo(k)fluoranthene	0.0469	mg/kg	TRG	N	NJ	0.011725	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	218-01-9	Chrysene	0.0066	mg/kg	TRG	U	U	0.0066	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	53-70-3	Dibenz(a,h)anthracene	0.00974	mg/kg	TRG	U	U	0.00974	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	121-14-2	Dinitrotoluene, 2,4-	0.809	mg/kg	TRG			0.20225	Y	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	206-44-0	Fluoranthene	0.0262	mg/kg	TRG	U	U	0.0262	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	86-73-7	Fluorene	0.028	mg/kg	TRG	U	U	0.028	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	193-39-5	Indeno(1,2,3-cd)pyrene	0.00399	mg/kg	TRG	U	U	0.00399	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	85-01-8	Phenanthrene	0.0217	mg/kg	TRG	U	U	0.0217	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	129-00-0	Pyrene	0.031	mg/kg	TRG	U	U	0.031	N	SEMIVOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	67-64-1	Acetone	0.00317	mg/kg	TRG	U	U	0.00317	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	71-43-2	Benzene	0.000405	mg/kg	TRG	U	U	0.000405	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	74-97-5	Bromochloromethane	0.000451	mg/kg	TRG	U	U	0.000451	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	75-27-4	Bromodichloromethane	0.000441	mg/kg	TRG	U	U	0.000441	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	75-25-2	Bromoform	0.000441	mg/kg	TRG	U	U	0.000441	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	74-83-9	Bromomethane	0.000451	mg/kg	TRG	U	U	0.000451	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	78-93-3	Butanone, 2-	0.00337	mg/kg	TRG	U	U	0.00337	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	75-15-0	Carbon disulfide	0.00213	mg/kg	TRG	U	U	0.00213	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	56-23-5	Carbon tetrachloride	0.000441	mg/kg	TRG	U	U	0.000441	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	108-90-7	Chlorobenzene	0.000369	mg/kg	TRG	U	U	0.000369	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	75-00-3	Chloroethane	0.00073	mg/kg	TRG	U	U	0.00073	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	67-66-3	Chloroform	0.000469	mg/kg	TRG	U	U	0.000469	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	74-87-3	Chloromethane	0.000333	mg/kg	TRG	U	U	0.000333	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	110-82-7	Cyclohexane	0.000432	mg/kg	TRG	U	U	0.000432	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000676	mg/kg	TRG	U	U	0.000676	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	124-48-1	Dibromochloromethane	0.000451	mg/kg	TRG	U	U	0.000451	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	106-93-4	Dibromoethane, 1,2-	0.000378	mg/kg	TRG	U	U	0.000378	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	95-50-1	Dichlorobenzene, 1,2-	0.000405	mg/kg	TRG	U	U	0.000405	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	541-73-1	Dichlorobenzene, 1,3-	0.000279	mg/kg	TRG	U	U	0.000279	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	106-46-7	Dichlorobenzene, 1,4-	0.000333	mg/kg	TRG	U	U	0.000333	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	75-34-3	Dichloroethane, 1,1-	0.00065	mg/kg	TRG	J	J	0.0001625	Y	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	107-06-2	Dichloroethane, 1,2-	0.000387	mg/kg	TRG	U	U	0.000387	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	75-35-4	Dichloroethene, 1,1-	0.000451	mg/kg	TRG	U	U	0.000451	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	156-59-2	Dichloroethene, cis-1,2-	0.000423	mg/kg	TRG	U	U	0.000423	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	156-60-5	Dichloroethene, trans-1,2-	0.000478	mg/kg	TRG	U	U	0.000478	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	78-87-5	Dichloropropane, 1,2-	0.000432	mg/kg	TRG	U	U	0.000432	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	10061-01-5	Dichloropropene, cis-1,3-	0.000387	mg/kg	TRG	U	U	0.000387	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	10061-02-6	Dichloropropene, trans-1,3-	0.000225	mg/kg	TRG	U	U	0.000225	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	100-41-4	Ethylbenzene	0.000342	mg/kg	TRG	U	U	0.000342	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	591-78-6	Hexanone, 2-	0.0034	mg/kg	TRG	U	U	0.0034	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	98-82-8	Isopropylbenzene	0.000405	mg/kg	TRG	U	U	0.000405	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	79-20-9	METHYL ACETATE	0.00297	mg/kg	TRG	U	U	0.00297	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	1634-04-4	Methyl Tertiary Butyl Ether	0.000478	mg/kg	TRG	U	U	0.000478	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	108-10-1	Methyl-2-pentanone, 4-	0.00363	mg/kg	TRG	U	U	0.00363	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	108-87-2	Methylcyclohexane	0.000571	mg/kg	TRG	U	U	0.000571	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	75-09-2	Methylene chloride	0.00122	mg/kg	TRG	U	U	0.00122	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	91-20-3	Naphthalene	0.0303	mg/kg	TRG	U	U	0.0303	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	100-42-5	Styrene	0.000351	mg/kg	TRG	U	U	0.000351	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	79-34-5	Tetrachloroethane, 1,1,2,2-	0.00082	mg/kg	TRG	U	U	0.00082	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	127-18-4	Tetrachloroethene	0.003	mg/kg	TRG			0.00075	Y	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	108-88-3	Toluene	0.000306	mg/kg	TRG	U	U	0.000306	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	87-61-6	Trichlorobenzene, 1,2,3-	0.000315	mg/kg	TRG	U	U	0.000315	N	VOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	120-82-1	Trichlorobenzene, 1,2,4-	0.000324	mg/kg	TRG	U	U	0.000324	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	71-55-6	Trichloroethane, 1,1,1-	0.0115	mg/kg	TRG			0.002875	Y	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	79-00-5	Trichloroethane, 1,1,2-	0.000487	mg/kg	TRG	U	U	0.000487	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	79-01-6	Trichloroethene	0.000405	mg/kg	TRG	U	U	0.000405	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	75-69-4	Trichlorofluoromethane	0.000451	mg/kg	TRG	U	U	0.000451	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	75-01-4	Vinyl chloride	0.000505	mg/kg	TRG	U	U	0.000505	N	VOLATILES	P
OUT_2BG	BH15				SO	25-May-04	3	5	BH15D(3-5)	FD	1330-20-7	Xylenes, total	0.000351	mg/kg	TRG	U	U	0.000351	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7429-90-5	Aluminum	9250	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7440-36-0	Antimony	0.421	mg/kg	TRG	UN	UJ	0.421	N	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7440-38-2	Arsenic	6.39	mg/kg	TRG	*	J	5	Y	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7440-39-3	Barium	66.2	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7440-41-7	Beryllium	0.549	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7440-43-9	Cadmium	7.71E-02	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7440-70-2	Calcium	2550	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7440-47-3	Chromium	10.7	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7440-48-4	Cobalt	4.85	mg/kg	TRG			6.3	Y	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7440-50-8	Copper	14.7	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7439-89-6	Iron	11550	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7439-92-1	Lead	37.4	mg/kg	TRG	N	J	2.5	Y	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7439-95-4	Magnesium	1380	mg/kg	TRG	*	J	50	Y	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7439-96-5	Manganese	197	mg/kg	TRG	N	J	50	Y	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7439-97-6	Mercury	4.60E-02	mg/kg	TRG	E	J	0.0115	Y	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7440-02-0	Nickel	13.5	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7440-09-7	Potassium	1060	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7782-49-2	Selenium	0.546	mg/kg	TRG	B	J	0.75	Y	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7440-22-4	Silver	0.111	mg/kg	TRG	U	U	0.111	N	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7440-23-5	Sodium	45.9	mg/kg	TRG			646	Y	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7440-28-0	Thallium	1.23	mg/kg	TRG	U	U	1.23	N	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7440-62-2	Vanadium	20.3	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	7440-66-6	Zinc	38.4	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	10-00-4	% moisture	17.71	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	12674-11-2	Aroclor 1016	0.179	mg/kg	TRG	U	U	0.179	N	PEST/PCB	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	11096-82-5	Aroclor 1260	0.238	mg/kg	TRG	U	U	0.238	N	PEST/PCB	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	83-32-9	Acenaphthene	0.127	mg/kg	TRG	N	NJ	0.03175	Y	SEMIVOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	208-96-8	Acenaphthylene	0.166	mg/kg	TRG	N	NJ	0.0415	Y	SEMIVOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	120-12-7	Anthracene	0.00493	mg/kg	TRG	U	UJ	0.00493	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	56-55-3	Benzo(a)anthracene	0.00872	mg/kg	TRG	U	UJ	0.00872	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	50-32-8	Benzo(a)pyrene	0.0651	mg/kg	TRG	N	NJ	0.016275	Y	SEMIVOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	205-99-2	Benzo(b)fluoranthene	0.0245	mg/kg	TRG	N	NJ	0.006125	Y	SEMIVOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	191-24-2	Benzo(ghi)perylene	0.0396	mg/kg	TRG	J	J	0.0099	Y	SEMIVOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	207-08-9	Benzo(k)fluoranthene	0.0597	mg/kg	TRG	N	NJ	0.014925	Y	SEMIVOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	218-01-9	Chrysene	0.00633	mg/kg	TRG	U	UJ	0.00633	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	53-70-3	Dibenz(a,h)anthracene	0.00933	mg/kg	TRG	U	UJ	0.00933	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	206-44-0	Fluoranthene	0.0394	mg/kg	TRG	J	J	0.00985	Y	SEMIVOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	86-73-7	Fluorene	0.0268	mg/kg	TRG	U	UJ	0.0268	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0278	mg/kg	TRG	N	NJ	0.00695	Y	SEMIVOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	85-01-8	Phenanthrene	0.0587	mg/kg	TRG	J	J	0.014675	Y	SEMIVOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	129-00-0	Pyrene	0.0401	mg/kg	TRG	J	J	0.010025	Y	SEMIVOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	67-64-1	Acetone	0.00394	mg/kg	TRG	U	U	0.00394	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	71-43-2	Benzene	0.000504	mg/kg	TRG	U	U	0.000504	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	74-97-5	Bromochloromethane	0.00056	mg/kg	TRG	U	U	0.00056	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	75-27-4	Bromodichloromethane	0.000549	mg/kg	TRG	U	UJ	0.000549	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	75-25-2	Bromoform	0.000549	mg/kg	TRG	U	U	0.000549	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	74-83-9	Bromomethane	0.00056	mg/kg	TRG	U	UJ	0.00056	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	78-93-3	Butanone, 2-	0.00419	mg/kg	TRG	U	UJ	0.00419	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	75-15-0	Carbon disulfide	0.00264	mg/kg	TRG	U	U	0.00264	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	56-23-5	Carbon tetrachloride	0.000549	mg/kg	TRG	U	UJ	0.000549	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	108-90-7	Chlorobenzene	0.000459	mg/kg	TRG	U	U	0.000459	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	75-00-3	Chloroethane	0.000907	mg/kg	TRG	U	U	0.000907	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	67-66-3	Chloroform	0.000582	mg/kg	TRG	U	U	0.000582	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	74-87-3	Chloromethane	0.000414	mg/kg	TRG	U	U	0.000414	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	110-82-7	Cyclohexane	0.000538	mg/kg	TRG	U	U	0.000538	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.00084	mg/kg	TRG	U	U	0.00084	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	124-48-1	Dibromochloromethane	0.00056	mg/kg	TRG	U	UJ	0.00056	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	106-93-4	Dibromoethane, 1,2-	0.00047	mg/kg	TRG	U	U	0.00047	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000504	mg/kg	TRG	U	U	0.000504	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000347	mg/kg	TRG	U	U	0.000347	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000414	mg/kg	TRG	U	U	0.000414	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	75-34-3	Dichloroethane, 1,1-	0.000526	mg/kg	TRG	U	U	0.000526	N	VOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	107-06-2	Dichloroethane, 1,2-	0.000482	mg/kg	TRG	U	U	0.000482	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	75-35-4	Dichloroethene, 1,1-	0.00057	mg/kg	TRG	J	J	0.0001425	Y	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000526	mg/kg	TRG	U	U	0.000526	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000594	mg/kg	TRG	U	U	0.000594	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	78-87-5	Dichloropropane, 1,2-	0.000538	mg/kg	TRG	U	U	0.000538	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000482	mg/kg	TRG	U	U	0.000482	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.00028	mg/kg	TRG	U	U	0.00028	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	100-41-4	Ethylbenzene	0.000426	mg/kg	TRG	U	U	0.000426	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	591-78-6	Hexanone, 2-	0.00422	mg/kg	TRG	U	UJ	0.00422	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	98-82-8	Isopropylbenzene	0.000504	mg/kg	TRG	U	U	0.000504	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	79-20-9	METHYL ACETATE	0.0037	mg/kg	TRG	U	UJ	0.0037	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000594	mg/kg	TRG	U	U	0.000594	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00451	mg/kg	TRG	U	UJ	0.00451	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	108-87-2	Methylcyclohexane	0.000485	mg/kg	TRG	U	U	0.000485	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	75-09-2	Methylene chloride	0.00151	mg/kg	TRG	U	U	0.00151	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	91-20-3	Naphthalene	0.029	mg/kg	TRG	U	UJ	0.029	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	100-42-5	Styrene	0.000437	mg/kg	TRG	U	U	0.000437	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.00102	mg/kg	TRG	U	UJ	0.00102	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	127-18-4	Tetrachloroethene	0.00043	mg/kg	TRG	J	J	0.0001075	Y	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	108-88-3	Toluene	0.000381	mg/kg	TRG	U	U	0.000381	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000392	mg/kg	TRG	U	U	0.000392	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000403	mg/kg	TRG	U	UJ	0.000403	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000594	mg/kg	TRG	U	UJ	0.000594	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000605	mg/kg	TRG	U	U	0.000605	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	79-01-6	Trichloroethene	0.000504	mg/kg	TRG	U	U	0.000504	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	75-69-4	Trichlorofluoromethane	0.00056	mg/kg	TRG	U	UJ	0.00056	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	75-01-4	Vinyl chloride	0.000627	mg/kg	TRG	U	U	0.000627	N	VOLATILES	P
OUT_2BG	BH16				SO	22-May-04	0	1	BH16A(0-1)	REG	1330-20-7	Xylenes, total	0.000437	mg/kg	TRG	U	U	0.000437	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.763	mg/kg	TRG			0.19075	Y	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7429-90-5	Aluminum	14670	mg/kg	TRG	E	J	25	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7440-36-0	Antimony	0.411	mg/kg	TRG	UN	U	0.411	N	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7440-38-2	Arsenic	11.9	mg/kg	TRG	*	J	5	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7440-39-3	Barium	76.2	mg/kg	TRG	NE	J	20	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7440-41-7	Beryllium	0.75	mg/kg	TRG			0.65	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7440-43-9	Cadmium	5.72E-02	mg/kg	TRG	U	U	5.72E-02	N	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7440-70-2	Calcium	3620	mg/kg	TRG	E	J	50	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7440-47-3	Chromium	22.9	mg/kg	TRG	E	J	0.5	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7440-48-4	Cobalt	7.27	mg/kg	TRG	E	J	6.3	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7440-50-8	Copper	21.1	mg/kg	TRG	*E	J	10	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7439-89-6	Iron	26750	mg/kg	TRG	E	J	25	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7439-92-1	Lead	7.88	mg/kg	TRG	*	J	2.5	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7439-95-4	Magnesium	4350	mg/kg	TRG	E	J	50	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7439-96-5	Manganese	256	mg/kg	TRG	*E	J	50	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7439-97-6	Mercury	3.46E-02	mg/kg	TRG			0.00865	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7440-02-0	Nickel	22.8	mg/kg	TRG	E	J	10	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7440-09-7	Potassium	2000	mg/kg	TRG	NE	J	600	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7782-49-2	Selenium	1.73	mg/kg	TRG	*	J	0.75	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7440-22-4	Silver	0.108	mg/kg	TRG	U	U	0.108	N	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7440-23-5	Sodium	91.6	mg/kg	TRG	E	J	646	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7440-28-0	Thallium	1.8	mg/kg	TRG	B	J	24.3	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7440-62-2	Vanadium	36.2	mg/kg	TRG	E	J	2	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	7440-66-6	Zinc	52.2	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	10-00-4	% moisture	17.8	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	12674-11-2	Aroclor 1016	0.175	mg/kg	TRG	U	U	0.175	N	PEST/PCB	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	11096-82-5	Aroclor 1260	0.233	mg/kg	TRG	U	U	0.233	N	PEST/PCB	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	83-32-9	Acenaphthene	0.0269	mg/kg	TRG	U	UJ	0.0269	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	208-96-8	Acenaphthylene	0.0147	mg/kg	TRG	U	UJ	0.0147	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	120-12-7	Anthracene	0.00167	mg/kg	TRG	U	UJ	0.00167	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	56-55-3	Benzo(a)anthracene	0.00296	mg/kg	TRG	U	UJ	0.00296	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	50-32-8	Benzo(a)pyrene	0.00365	mg/kg	TRG	U	UJ	0.00365	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	205-99-2	Benzo(b)fluoranthene	0.00144	mg/kg	TRG	U	UJ	0.00144	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	191-24-2	Benzo(ghi)perylene	0.00525	mg/kg	TRG	U	UJ	0.00525	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	207-08-9	Benzo(k)fluoranthene	0.00137	mg/kg	TRG	U	UJ	0.00137	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	218-01-9	Chrysene	0.00215	mg/kg	TRG	U	UJ	0.00215	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	53-70-3	Dibenz(a,h)anthracene	0.00317	mg/kg	TRG	U	UJ	0.00317	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.417	mg/kg	TRG	P	J	0.10425	Y	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	206-44-0	Fluoranthene	0.00851	mg/kg	TRG	U	UJ	0.00851	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	86-73-7	Fluorene	0.0091	mg/kg	TRG	U	UJ	0.0091	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0013	mg/kg	TRG	U	UJ	0.0013	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	85-01-8	Phenanthrene	0.00706	mg/kg	TRG	U	UJ	0.00706	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	129-00-0	Pyrene	0.0101	mg/kg	TRG	U	UJ	0.0101	N	SEMIVOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	67-64-1	Acetone	0.00318	mg/kg	TRG	U	U	0.00318	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	71-43-2	Benzene	0.000407	mg/kg	TRG	U	U	0.000407	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	74-97-5	Bromochloromethane	0.000452	mg/kg	TRG	U	U	0.000452	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	75-27-4	Bromodichloromethane	0.000443	mg/kg	TRG	U	U	0.000443	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	75-25-2	Bromoform	0.000443	mg/kg	TRG	U	U	0.000443	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	74-83-9	Bromomethane	0.000452	mg/kg	TRG	U	U	0.000452	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	78-93-3	Butanone, 2-	0.00338	mg/kg	TRG	U	U	0.00338	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	75-15-0	Carbon disulfide	0.00213	mg/kg	TRG	U	U	0.00213	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	56-23-5	Carbon tetrachloride	0.000443	mg/kg	TRG	U	U	0.000443	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	108-90-7	Chlorobenzene	0.000371	mg/kg	TRG	U	U	0.000371	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	75-00-3	Chloroethane	0.000732	mg/kg	TRG	U	U	0.000732	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	67-66-3	Chloroform	0.00047	mg/kg	TRG	U	U	0.00047	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	74-87-3	Chloromethane	0.000334	mg/kg	TRG	U	U	0.000334	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	110-82-7	Cyclohexane	0.000434	mg/kg	TRG	U	U	0.000434	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000678	mg/kg	TRG	U	U	0.000678	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	124-48-1	Dibromochloromethane	0.000452	mg/kg	TRG	U	U	0.000452	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	106-93-4	Dibromoethane, 1,2-	0.00038	mg/kg	TRG	U	U	0.00038	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000407	mg/kg	TRG	U	U	0.000407	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	541-73-1	Dichlorobenzene, 1,3-	0.00028	mg/kg	TRG	U	U	0.00028	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000334	mg/kg	TRG	U	U	0.000334	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	75-34-3	Dichloroethane, 1,1-	0.000425	mg/kg	TRG	U	U	0.000425	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	107-06-2	Dichloroethane, 1,2-	0.000389	mg/kg	TRG	U	U	0.000389	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	75-35-4	Dichloroethene, 1,1-	0.000452	mg/kg	TRG	U	U	0.000452	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000425	mg/kg	TRG	U	U	0.000425	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000479	mg/kg	TRG	U	U	0.000479	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	78-87-5	Dichloropropane, 1,2-	0.000434	mg/kg	TRG	U	U	0.000434	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000389	mg/kg	TRG	U	U	0.000389	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000226	mg/kg	TRG	U	U	0.000226	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	100-41-4	Ethylbenzene	0.000343	mg/kg	TRG	U	U	0.000343	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	591-78-6	Hexanone, 2-	0.00341	mg/kg	TRG	U	U	0.00341	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	98-82-8	Isopropylbenzene	0.000407	mg/kg	TRG	U	U	0.000407	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	79-20-9	METHYL ACETATE	0.00298	mg/kg	TRG	U	U	0.00298	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000479	mg/kg	TRG	U	U	0.000479	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00364	mg/kg	TRG	U	U	0.00364	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	108-87-2	Methylcyclohexane	0.000548	mg/kg	TRG	U	U	0.000548	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	75-09-2	Methylene chloride	0.00122	mg/kg	TRG	U	U	0.00122	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	91-20-3	Naphthalene	0.00984	mg/kg	TRG	U	UJ	0.00984	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	100-42-5	Styrene	0.000353	mg/kg	TRG	U	U	0.000353	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000823	mg/kg	TRG	U	U	0.000823	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	127-18-4	Tetrachloroethene	0.0012	mg/kg	TRG			0.0003	Y	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	108-88-3	Toluene	0.000307	mg/kg	TRG	U	U	0.000307	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000316	mg/kg	TRG	U	U	0.000316	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000325	mg/kg	TRG	U	U	0.000325	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	71-55-6	Trichloroethane, 1,1,1-	0.0008	mg/kg	TRG	J	J	0.0002	Y	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000488	mg/kg	TRG	U	U	0.000488	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	79-01-6	Trichloroethene	0.000407	mg/kg	TRG	U	U	0.000407	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	75-69-4	Trichlorofluoromethane	0.000452	mg/kg	TRG	U	U	0.000452	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	75-01-4	Vinyl chloride	0.000506	mg/kg	TRG	U	U	0.000506	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	3	5	BH16A(3-5)	REG	1330-20-7	Xylenes, total	0.000353	mg/kg	TRG	U	U	0.000353	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.229	mg/kg	TRG	PJ	J	0.05725	Y	EXPLOSIVES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7429-90-5	Aluminum	7940	mg/kg	TRG	E	J	25	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7440-36-0	Antimony	0.413	mg/kg	TRG	UN	U	0.413	N	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7440-38-2	Arsenic	9.68	mg/kg	TRG	*	J	5	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7440-39-3	Barium	59.8	mg/kg	TRG	NE	J	20	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7440-41-7	Beryllium	0.388	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7440-43-9	Cadmium	0.398	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7440-70-2	Calcium	54190	mg/kg	TRG	E	J	50	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7440-47-3	Chromium	12.4	mg/kg	TRG	E	J	0.5	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7440-48-4	Cobalt	7.39	mg/kg	TRG	E	J	6.3	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7440-50-8	Copper	22.5	mg/kg	TRG	*E	J	10	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7439-89-6	Iron	19150	mg/kg	TRG	E	J	25	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7439-92-1	Lead	13.5	mg/kg	TRG	*	J	2.5	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7439-95-4	Magnesium	18320	mg/kg	TRG	E	J	50	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7439-96-5	Manganese	492	mg/kg	TRG	*E	J	50	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7439-97-6	Mercury	1.37E-02	mg/kg	TRG			0.003425	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7440-02-0	Nickel	19.7	mg/kg	TRG	E	J	10	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7440-09-7	Potassium	2010	mg/kg	TRG	NE	J	600	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7782-49-2	Selenium	3.53	mg/kg	TRG	*	J	0.75	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7440-22-4	Silver	0.109	mg/kg	TRG	U	U	0.109	N	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7440-23-5	Sodium	163	mg/kg	TRG	E	J	646	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7440-28-0	Thallium	1.2	mg/kg	TRG	U	U	1.2	N	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7440-62-2	Vanadium	21.3	mg/kg	TRG	E	J	2	Y	METALS	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	7440-66-6	Zinc	47.6	mg/kg	TRG			10	Y	METALS	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	10-00-4	% moisture	19.6	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	83-32-9	Acenaphthene	0.075	mg/kg	TRG	U	U	0.075	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	208-96-8	Acenaphthylene	0.0409	mg/kg	TRG	U	UJ	0.0409	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	120-12-7	Anthracene	0.00493	mg/kg	TRG	J	J	0.0012325	Y	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	56-55-3	Benzo(a)anthracene	0.00824	mg/kg	TRG	U	UJ	0.00824	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	50-32-8	Benzo(a)pyrene	0.0124	mg/kg	TRG	J	J	0.0031	Y	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	205-99-2	Benzo(b)fluoranthene	0.0143	mg/kg	TRG	J	J	0.003575	Y	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	191-24-2	Benzo(ghi)perylene	0.0146	mg/kg	TRG	U	U	0.0146	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	207-08-9	Benzo(k)fluoranthene	0.00382	mg/kg	TRG	U	U	0.00382	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	218-01-9	Chrysene	0.0128	mg/kg	TRG	J	J	0.0032	Y	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	53-70-3	Dibenz(a,h)anthracene	0.00881	mg/kg	TRG	U	U	0.00881	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	121-14-2	Dinitrotoluene, 2,4-	0.639	mg/kg	TRG			0.15975	Y	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	206-44-0	Fluoranthene	0.0284	mg/kg	TRG	J	J	0.0071	Y	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	86-73-7	Fluorene	0.0253	mg/kg	TRG	U	U	0.0253	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.00989	mg/kg	TRG	J	J	0.0024725	Y	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	85-01-8	Phenanthrene	0.0226	mg/kg	TRG	J	J	0.00565	Y	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	129-00-0	Pyrene	0.0281	mg/kg	TRG	U	U	0.0281	N	SEMIVOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	67-64-1	Acetone	0.00335	mg/kg	TRG	U	U	0.00335	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	71-43-2	Benzene	0.000428	mg/kg	TRG	U	U	0.000428	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	74-97-5	Bromochloromethane	0.000476	mg/kg	TRG	U	U	0.000476	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	75-27-4	Bromodichloromethane	0.000466	mg/kg	TRG	U	U	0.000466	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	75-25-2	Bromoform	0.000466	mg/kg	TRG	U	U	0.000466	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	74-83-9	Bromomethane	0.000476	mg/kg	TRG	U	U	0.000476	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	78-93-3	Butanone, 2-	0.00356	mg/kg	TRG	U	U	0.00356	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	75-15-0	Carbon disulfide	0.00225	mg/kg	TRG	U	U	0.00225	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	56-23-5	Carbon tetrachloride	0.000466	mg/kg	TRG	U	U	0.000466	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	108-90-7	Chlorobenzene	0.00039	mg/kg	TRG	U	U	0.00039	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	75-00-3	Chloroethane	0.000771	mg/kg	TRG	U	U	0.000771	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	67-66-3	Chloroform	0.000495	mg/kg	TRG	U	U	0.000495	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	74-87-3	Chloromethane	0.000352	mg/kg	TRG	U	U	0.000352	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	110-82-7	Cyclohexane	0.000457	mg/kg	TRG	U	U	0.000457	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000714	mg/kg	TRG	U	U	0.000714	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	124-48-1	Dibromochloromethane	0.000476	mg/kg	TRG	U	U	0.000476	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	106-93-4	Dibromoethane, 1,2-	0.0004	mg/kg	TRG	U	U	0.0004	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000428	mg/kg	TRG	U	U	0.000428	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000295	mg/kg	TRG	U	U	0.000295	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000352	mg/kg	TRG	U	U	0.000352	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	75-34-3	Dichloroethane, 1,1-	0.00084	mg/kg	TRG	J	J	0.00021	Y	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	107-06-2	Dichloroethane, 1,2-	0.000409	mg/kg	TRG	U	U	0.000409	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	75-35-4	Dichloroethene, 1,1-	0.0005	mg/kg	TRG	J	J	0.000125	Y	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000447	mg/kg	TRG	U	U	0.000447	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000504	mg/kg	TRG	U	U	0.000504	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	78-87-5	Dichloropropane, 1,2-	0.000457	mg/kg	TRG	U	U	0.000457	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000409	mg/kg	TRG	U	U	0.000409	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000238	mg/kg	TRG	U	U	0.000238	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	100-41-4	Ethylbenzene	0.000362	mg/kg	TRG	U	U	0.000362	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	591-78-6	Hexanone, 2-	0.00359	mg/kg	TRG	U	U	0.00359	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	98-82-8	Isopropylbenzene	0.000428	mg/kg	TRG	U	U	0.000428	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	79-20-9	METHYL ACETATE	0.00314	mg/kg	TRG	U	U	0.00314	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000504	mg/kg	TRG	U	U	0.000504	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00384	mg/kg	TRG	U	U	0.00384	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	108-87-2	Methylcyclohexane	0.000622	mg/kg	TRG	U	U	0.000622	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	75-09-2	Methylene chloride	0.00128	mg/kg	TRG	U	U	0.00128	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	91-20-3	Naphthalene	0.0576	mg/kg	TRG	J	J	0.0144	Y	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	100-42-5	Styrene	0.000371	mg/kg	TRG	U	U	0.000371	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000866	mg/kg	TRG	U	U	0.000866	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	127-18-4	Tetrachloroethene	0.000362	mg/kg	TRG	U	U	0.000362	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	108-88-3	Toluene	0.000324	mg/kg	TRG	U	U	0.000324	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000333	mg/kg	TRG	U	U	0.000333	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000343	mg/kg	TRG	U	U	0.000343	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	71-55-6	Trichloroethane, 1,1,1-	0.00077	mg/kg	TRG	J	J	0.0001925	Y	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000514	mg/kg	TRG	U	U	0.000514	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	79-01-6	Trichloroethene	0.000428	mg/kg	TRG	U	U	0.000428	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	75-69-4	Trichlorofluoromethane	0.000476	mg/kg	TRG	U	U	0.000476	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	75-01-4	Vinyl chloride	0.000533	mg/kg	TRG	U	U	0.000533	N	VOLATILES	P
OUT_2BG	BH16				SO	25-May-04	8	10	BH16A(8-10)	REG	1330-20-7	Xylenes, total	0.000371	mg/kg	TRG	U	U	0.000371	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7429-90-5	Aluminum	13050	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7440-36-0	Antimony	0.427	mg/kg	TRG	UN	UJ	0.427	N	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7440-38-2	Arsenic	6.78	mg/kg	TRG	*		5	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7440-39-3	Barium	79.1	mg/kg	TRG	*N	J	20	Y	METALS	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7440-41-7	Beryllium	0.685	mg/kg	TRG			0.65	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7440-43-9	Cadmium	0.204	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7440-70-2	Calcium	4290	mg/kg	TRG	*	J	50	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7440-47-3	Chromium	17.6	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7440-48-4	Cobalt	4.72	mg/kg	TRG	*		6.3	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7440-50-8	Copper	21	mg/kg	TRG	N*	J	10	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7439-89-6	Iron	17550	mg/kg	TRG	*		25	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7439-92-1	Lead	41.1	mg/kg	TRG	N*	J	2.5	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7439-95-4	Magnesium	3030	mg/kg	TRG	*N	J	50	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7439-96-5	Manganese	164	mg/kg	TRG	*		50	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7439-97-6	Mercury	5.88E-02	mg/kg	TRG	E		0.0147	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7440-02-0	Nickel	16.8	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7440-09-7	Potassium	1640	mg/kg	TRG	*N	J	600	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7782-49-2	Selenium	1.2	mg/kg	TRG	*	J	0.75	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7440-22-4	Silver	0.112	mg/kg	TRG	U	U	0.112	N	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7440-23-5	Sodium	61.9	mg/kg	TRG	*	J	646	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7440-28-0	Thallium	1.44	mg/kg	TRG	B	J	24.3	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7440-31-5	Tin	0.474	mg/kg	TRG	U*N	U	0.474	N	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7440-62-2	Vanadium	29.3	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	7440-66-6	Zinc	58.8	mg/kg	TRG	*N	J	10	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	10-00-4	% moisture	25.85	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	12674-11-2	Aroclor 1016	0.207	mg/kg	TRG	U	U	0.207	N	PEST/PCB	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	11096-82-5	Aroclor 1260	0.275	mg/kg	TRG	U	U	0.275	N	PEST/PCB	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	83-32-9	Acenaphthene	0.0298	mg/kg	TRG	U	U	0.0298	N	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	208-96-8	Acenaphthylene	0.0416	mg/kg	TRG	J	J	0.0104	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	120-12-7	Anthracene	0.00335	mg/kg	TRG	J	J	0.0008375	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	56-55-3	Benzo(a)anthracene	0.0181	mg/kg	TRG	N	NJ	0.004525	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	50-32-8	Benzo(a)pyrene	0.0303	mg/kg	TRG	N	NJ	0.007575	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	205-99-2	Benzo(b)fluoranthene	0.0239	mg/kg	TRG	N	NJ	0.005975	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	191-24-2	Benzo(ghi)perylene	0.0144	mg/kg	TRG	J	J	0.0036	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	207-08-9	Benzo(k)fluoranthene	0.0904	mg/kg	TRG	N	NJ	0.0226	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	218-01-9	Chrysene	0.0222	mg/kg	TRG	J	J	0.00555	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	53-70-3	Dibenz(a,h)anthracene	0.0035	mg/kg	TRG	U	U	0.0035	N	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	206-44-0	Fluoranthene	0.026	mg/kg	TRG	J	J	0.0065	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	86-73-7	Fluorene	0.0101	mg/kg	TRG	U	U	0.0101	N	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0149	mg/kg	TRG	N	NJ	0.003725	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	85-01-8	Phenanthrene	0.0131	mg/kg	TRG	J	J	0.003275	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	129-00-0	Pyrene	0.0309	mg/kg	TRG	J	J	0.007725	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	67-64-1	Acetone	0.00374	mg/kg	TRG	U	U	0.00374	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	71-43-2	Benzene	0.000478	mg/kg	TRG	U	U	0.000478	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	74-97-5	Bromochloromethane	0.000531	mg/kg	TRG	U	U	0.000531	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	75-27-4	Bromodichloromethane	0.000521	mg/kg	TRG	U	U	0.000521	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	75-25-2	Bromoform	0.000521	mg/kg	TRG	U	U	0.000521	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	74-83-9	Bromomethane	0.000531	mg/kg	TRG	U	U	0.000531	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	78-93-3	Butanone, 2-	0.00397	mg/kg	TRG	U	U	0.00397	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	75-15-0	Carbon disulfide	0.00251	mg/kg	TRG	U	U	0.00251	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	56-23-5	Carbon tetrachloride	0.000521	mg/kg	TRG	U	U	0.000521	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	108-90-7	Chlorobenzene	0.000436	mg/kg	TRG	U	U	0.000436	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	75-00-3	Chloroethane	0.00086	mg/kg	TRG	U	U	0.00086	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	67-66-3	Chloroform	0.000552	mg/kg	TRG	U	U	0.000552	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	74-87-3	Chloromethane	0.000393	mg/kg	TRG	U	U	0.000393	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	110-82-7	Cyclohexane	0.00051	mg/kg	TRG	U	UJ	0.00051	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000797	mg/kg	TRG	U	U	0.000797	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	124-48-1	Dibromochloromethane	0.000531	mg/kg	TRG	U	U	0.000531	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	106-93-4	Dibromoethane, 1,2-	0.000446	mg/kg	TRG	U	U	0.000446	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000478	mg/kg	TRG	U	U	0.000478	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000329	mg/kg	TRG	U	U	0.000329	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000393	mg/kg	TRG	U	U	0.000393	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	75-34-3	Dichloroethane, 1,1-	0.000499	mg/kg	TRG	U	U	0.000499	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	107-06-2	Dichloroethane, 1,2-	0.000457	mg/kg	TRG	U	U	0.000457	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	75-35-4	Dichloroethene, 1,1-	0.000531	mg/kg	TRG	U	U	0.000531	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000499	mg/kg	TRG	U	U	0.000499	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000563	mg/kg	TRG	U	U	0.000563	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	78-87-5	Dichloropropane, 1,2-	0.00051	mg/kg	TRG	U	U	0.00051	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000457	mg/kg	TRG	U	U	0.000457	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000266	mg/kg	TRG	U	U	0.000266	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	100-41-4	Ethylbenzene	0.000404	mg/kg	TRG	U	U	0.000404	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	591-78-6	Hexanone, 2-	0.004	mg/kg	TRG	U	U	0.004	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	98-82-8	Isopropylbenzene	0.000478	mg/kg	TRG	U	U	0.000478	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	79-20-9	METHYL ACETATE	0.00351	mg/kg	TRG	U	UJ	0.00351	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000563	mg/kg	TRG	U	U	0.000563	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00428	mg/kg	TRG	U	U	0.00428	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	108-87-2	Methylcyclohexane	0.000545	mg/kg	TRG	U	U	0.000545	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	75-09-2	Methylene chloride	0.00143	mg/kg	TRG	U	U	0.00143	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	91-20-3	Naphthalene	0.0301	mg/kg	TRG	J	J	0.007525	Y	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	100-42-5	Styrene	0.000414	mg/kg	TRG	U	U	0.000414	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000967	mg/kg	TRG	U	U	0.000967	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	127-18-4	Tetrachloroethene	0.000404	mg/kg	TRG	U	U	0.000404	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	108-88-3	Toluene	0.000361	mg/kg	TRG	U	U	0.000361	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000372	mg/kg	TRG	U	U	0.000372	N	VOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000382	mg/kg	TRG	U	U	0.000382	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000563	mg/kg	TRG	U	U	0.000563	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000574	mg/kg	TRG	U	U	0.000574	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	79-01-6	Trichloroethene	0.000478	mg/kg	TRG	U	U	0.000478	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	75-69-4	Trichlorofluoromethane	0.000531	mg/kg	TRG	U	U	0.000531	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	75-01-4	Vinyl chloride	0.000595	mg/kg	TRG	U	U	0.000595	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21A(0-1)	REG	1330-20-7	Xylenes, total	0.000414	mg/kg	TRG	U	U	0.000414	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	118-96-7	Trinitrotoluene, 2,4,6-	0.284	mg/kg	TRG	PJ	J	0.071	Y	EXPLOSIVES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7429-90-5	Aluminum	11370	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7440-36-0	Antimony	0.443	mg/kg	TRG	UN	UJ	0.443	N	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7440-38-2	Arsenic	6.57	mg/kg	TRG	*		5	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7440-39-3	Barium	77.1	mg/kg	TRG	*N	J	20	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7440-41-7	Beryllium	0.633	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7440-43-9	Cadmium	0.277	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7440-70-2	Calcium	4080	mg/kg	TRG	*	J	50	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7440-47-3	Chromium	16.2	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7440-48-4	Cobalt	5.19	mg/kg	TRG	*	J	6.3	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7440-50-8	Copper	22.2	mg/kg	TRG	N*	J	10	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7439-89-6	Iron	16550	mg/kg	TRG	*		25	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7439-92-1	Lead	61.6	mg/kg	TRG	N*	J	2.5	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7439-95-4	Magnesium	2650	mg/kg	TRG	*N	J	50	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7439-96-5	Manganese	223	mg/kg	TRG	*		50	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7439-97-6	Mercury	4.59E-02	mg/kg	TRG	E	J	0.011475	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7440-02-0	Nickel	17.4	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7440-09-7	Potassium	1530	mg/kg	TRG	*N	J	600	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7782-49-2	Selenium	0.518	mg/kg	TRG	B*	J	0.75	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7440-22-4	Silver	0.117	mg/kg	TRG	U	U	0.117	N	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7440-23-5	Sodium	120	mg/kg	TRG	*	J	646	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7440-28-0	Thallium	1.29	mg/kg	TRG	U	U	1.29	N	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7440-31-5	Tin	0.493	mg/kg	TRG	U*N	U	0.493	N	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7440-62-2	Vanadium	26.5	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	7440-66-6	Zinc	63.9	mg/kg	TRG	*N	J	10	Y	METALS	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	10-00-4	% moisture	20.13	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	12674-11-2	Aroclor 1016	0.192	mg/kg	TRG	U	U	0.192	N	PEST/PCB	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	11096-82-5	Aroclor 1260	0.255	mg/kg	TRG	U	U	0.255	N	PEST/PCB	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	83-32-9	Acenaphthene	0.0447	mg/kg	TRG	N	NJ	0.011175	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	208-96-8	Acenaphthylene	0.161	mg/kg	TRG	N	NJ	0.04025	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	120-12-7	Anthracene	0.0024	mg/kg	TRG	J	J	0.0006	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	56-55-3	Benzo(a)anthracene	0.00883	mg/kg	TRG	N	NJ	0.0022075	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	50-32-8	Benzo(a)pyrene	0.0194	mg/kg	TRG	N	NJ	0.00485	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	205-99-2	Benzo(b)fluoranthene	0.0176	mg/kg	TRG	N	NJ	0.0044	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	191-24-2	Benzo(ghi)perylene	0.0117	mg/kg	TRG	J	J	0.002925	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	207-08-9	Benzo(k)fluoranthene	0.133	mg/kg	TRG	N	NJ	0.03325	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	218-01-9	Chrysene	0.0132	mg/kg	TRG	J	J	0.0033	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	53-70-3	Dibenz(a,h)anthracene	0.0147	mg/kg	TRG	N	NJ	0.003675	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	206-44-0	Fluoranthene	0.0217	mg/kg	TRG	J	J	0.005425	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	86-73-7	Fluorene	0.0107	mg/kg	TRG	J	J	0.002675	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	193-39-5	Indeno(1,2,3-cd)pyrene	0.0127	mg/kg	TRG		J	0.003175	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	85-01-8	Phenanthrene	0.0143	mg/kg	TRG	J	J	0.003575	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	129-00-0	Pyrene	0.028	mg/kg	TRG	J	J	0.007	Y	SEMIVOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	67-64-1	Acetone	0.0038	mg/kg	TRG	U	U	0.0038	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	71-43-2	Benzene	0.000485	mg/kg	TRG	U	U	0.000485	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	74-97-5	Bromochloromethane	0.000539	mg/kg	TRG	U	U	0.000539	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	75-27-4	Bromodichloromethane	0.000529	mg/kg	TRG	U	U	0.000529	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	75-25-2	Bromoform	0.000529	mg/kg	TRG	U	U	0.000529	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	74-83-9	Bromomethane	0.000539	mg/kg	TRG	U	U	0.000539	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	78-93-3	Butanone, 2-	0.00403	mg/kg	TRG	U	U	0.00403	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	75-15-0	Carbon disulfide	0.00255	mg/kg	TRG	U	U	0.00255	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	56-23-5	Carbon tetrachloride	0.000529	mg/kg	TRG	U	U	0.000529	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	108-90-7	Chlorobenzene	0.000442	mg/kg	TRG	U	U	0.000442	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	75-00-3	Chloroethane	0.000874	mg/kg	TRG	U	U	0.000874	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	67-66-3	Chloroform	0.000561	mg/kg	TRG	U	U	0.000561	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	74-87-3	Chloromethane	0.000399	mg/kg	TRG	U	U	0.000399	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	110-82-7	Cyclohexane	0.000518	mg/kg	TRG	U	UJ	0.000518	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000809	mg/kg	TRG	U	U	0.000809	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	124-48-1	Dibromochloromethane	0.000539	mg/kg	TRG	U	U	0.000539	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	106-93-4	Dibromoethane, 1,2-	0.000453	mg/kg	TRG	U	U	0.000453	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	95-50-1	Dichlorobenzene, 1,2-	0.000485	mg/kg	TRG	U	U	0.000485	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	541-73-1	Dichlorobenzene, 1,3-	0.000334	mg/kg	TRG	U	U	0.000334	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	106-46-7	Dichlorobenzene, 1,4-	0.000399	mg/kg	TRG	U	U	0.000399	N	VOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	75-34-3	Dichloroethane, 1,1-	0.000507	mg/kg	TRG	U	U	0.000507	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	107-06-2	Dichloroethane, 1,2-	0.000464	mg/kg	TRG	U	U	0.000464	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	75-35-4	Dichloroethene, 1,1-	0.000539	mg/kg	TRG	U	U	0.000539	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	156-59-2	Dichloroethene, cis-1,2-	0.000507	mg/kg	TRG	U	U	0.000507	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	156-60-5	Dichloroethene, trans-1,2-	0.000572	mg/kg	TRG	U	U	0.000572	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	78-87-5	Dichloropropane, 1,2-	0.000518	mg/kg	TRG	U	U	0.000518	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	10061-01-5	Dichloropropene, cis-1,3-	0.000464	mg/kg	TRG	U	U	0.000464	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	10061-02-6	Dichloropropene, trans-1,3-	0.00027	mg/kg	TRG	U	U	0.00027	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	100-41-4	Ethylbenzene	0.00041	mg/kg	TRG	U	U	0.00041	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	591-78-6	Hexanone, 2-	0.00407	mg/kg	TRG	U	U	0.00407	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	98-82-8	Isopropylbenzene	0.000485	mg/kg	TRG	U	U	0.000485	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	79-20-9	METHYL ACETATE	0.00356	mg/kg	TRG	U	UJ	0.00356	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	1634-04-4	Methyl Tertiary Butyl Ether	0.000572	mg/kg	TRG	U	U	0.000572	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	108-10-1	Methyl-2-pentanone, 4-	0.00435	mg/kg	TRG	U	U	0.00435	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	75-09-2	Methylene chloride	0.00146	mg/kg	TRG	U	U	0.00146	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	91-20-3	Naphthalene	0.0639	mg/kg	TRG	N	NJ	0.015975	Y	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	100-42-5	Styrene	0.000421	mg/kg	TRG	U	U	0.000421	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000982	mg/kg	TRG	U	U	0.000982	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	127-18-4	Tetrachloroethene	0.00041	mg/kg	TRG	U	U	0.00041	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	108-88-3	Toluene	0.000367	mg/kg	TRG	U	U	0.000367	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	87-61-6	Trichlorobenzene, 1,2,3-	0.000378	mg/kg	TRG	U	U	0.000378	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	120-82-1	Trichlorobenzene, 1,2,4-	0.000388	mg/kg	TRG	U	U	0.000388	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	71-55-6	Trichloroethane, 1,1,1-	0.000572	mg/kg	TRG	U	U	0.000572	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	79-00-5	Trichloroethane, 1,1,2-	0.000582	mg/kg	TRG	U	U	0.000582	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	79-01-6	Trichloroethene	0.000485	mg/kg	TRG	U	U	0.000485	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	75-69-4	Trichlorofluoromethane	0.000539	mg/kg	TRG	U	U	0.000539	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	75-01-4	Vinyl chloride	0.000604	mg/kg	TRG	U	U	0.000604	N	VOLATILES	P
OUT_2BG	BH21				SO	21-May-04	0	1	BH21D(0-1)	FD	1330-20-7	Xylenes, total	0.000421	mg/kg	TRG	U	U	0.000421	N	VOLATILES	P
OUT_2BG	BH21				SO	12-Oct-10	0	1	BG0012	REG	10-00-4	% moisture	19.9	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7429-90-5	Aluminum	12610	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7440-36-0	Antimony	0.434	mg/kg	TRG	UN	UJ	0.434	N	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7440-38-2	Arsenic	7.85	mg/kg	TRG	*	J	5	Y	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7440-39-3	Barium	84.5	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7440-41-7	Beryllium	0.683	mg/kg	TRG			0.65	Y	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7440-43-9	Cadmium	0.222	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7440-70-2	Calcium	5960	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7440-47-3	Chromium	18.1	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7440-48-4	Cobalt	6.04	mg/kg	TRG			6.3	Y	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7440-50-8	Copper	22.3	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7439-89-6	Iron	19060	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7439-92-1	Lead	50.5	mg/kg	TRG	N	J	2.5	Y	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7439-95-4	Magnesium	3960	mg/kg	TRG	*	J	50	Y	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7439-96-5	Manganese	245	mg/kg	TRG	N	J	50	Y	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7439-97-6	Mercury	4.37E-02	mg/kg	TRG	E	J	0.010925	Y	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7440-02-0	Nickel	18.7	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7440-09-7	Potassium	1720	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7782-49-2	Selenium	1.55	mg/kg	TRG		J	0.75	Y	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7440-22-4	Silver	0.114	mg/kg	TRG	U	U	0.114	N	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7440-23-5	Sodium	66.2	mg/kg	TRG			646	Y	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7440-28-0	Thallium	1.26	mg/kg	TRG	U	U	1.26	N	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7440-62-2	Vanadium	29.7	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	7440-66-6	Zinc	64.8	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	10-00-4	% moisture	25.12	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	12674-11-2	Aroclor 1016	0.195	mg/kg	TRG	U	U	0.195	N	PEST/PCB	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	11096-82-5	Aroclor 1260	0.259	mg/kg	TRG	U	U	0.259	N	PEST/PCB	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	83-32-9	Acenaphthene	0.0342	mg/kg	TRG	J	J	0.00855	Y	SEMIVOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	208-96-8	Acenaphthylene	0.0699	mg/kg	TRG	N	NJ	0.017475	Y	SEMIVOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	120-12-7	Anthracene	0.00274	mg/kg	TRG	J	J	0.000685	Y	SEMIVOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	56-55-3	Benzo(a)anthracene	0.00561	mg/kg	TRG	N	NJ	0.0014025	Y	SEMIVOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	50-32-8	Benzo(a)pyrene	0.0125	mg/kg	TRG	N	NJ	0.003125	Y	SEMIVOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	205-99-2	Benzo(b)fluoranthene	0.0121	mg/kg	TRG	N	NJ	0.003025	Y	SEMIVOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	191-24-2	Benzo(ghi)perylene	0.00565	mg/kg	TRG	U	U	0.00565	N	SEMIVOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	207-08-9	Benzo(k)fluoranthene	0.0871	mg/kg	TRG	N	NJ	0.021775	Y	SEMIVOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	218-01-9	Chrysene	0.0083	mg/kg	TRG	J	J	0.002075	Y	SEMIVOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	53-70-3	Dibenz(a,h)anthracene	0.0104	mg/kg	TRG	N	NJ	0.0026	Y	SEMIVOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	121-14-2	Dinitrotoluene, 2,4-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	206-44-0	Fluoranthene	0.0213	mg/kg	TRG	J	J	0.005325	Y	SEMIVOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	86-73-7	Fluorene	0.00979	mg/kg	TRG	U	U	0.00979	N	SEMIVOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0014	mg/kg	TRG	U	U	0.0014	N	SEMIVOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	85-01-8	Phenanthrene	0.0128	mg/kg	TRG	J	J	0.0032	Y	SEMIVOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	129-00-0	Pyrene	0.013	mg/kg	TRG	J	J	0.00325	Y	SEMIVOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	67-64-1	Acetone	0.00378	mg/kg	TRG	U	U	0.00378	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	71-43-2	Benzene	0.000484	mg/kg	TRG	U	U	0.000484	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	74-97-5	Bromochloromethane	0.000538	mg/kg	TRG	U	U	0.000538	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	75-27-4	Bromodichloromethane	0.000527	mg/kg	TRG	U	UJ	0.000527	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	75-25-2	Bromoform	0.000527	mg/kg	TRG	U	U	0.000527	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	74-83-9	Bromomethane	0.000538	mg/kg	TRG	U	UJ	0.000538	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	78-93-3	Butanone, 2-	0.00402	mg/kg	TRG	U	UJ	0.00402	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	75-15-0	Carbon disulfide	0.00254	mg/kg	TRG	U	U	0.00254	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	56-23-5	Carbon tetrachloride	0.000527	mg/kg	TRG	U	UJ	0.000527	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	108-90-7	Chlorobenzene	0.000441	mg/kg	TRG	U	U	0.000441	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	75-00-3	Chloroethane	0.000871	mg/kg	TRG	U	U	0.000871	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	67-66-3	Chloroform	0.000559	mg/kg	TRG	U	U	0.000559	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	74-87-3	Chloromethane	0.000398	mg/kg	TRG	U	U	0.000398	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	110-82-7	Cyclohexane	0.000516	mg/kg	TRG	U	U	0.000516	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000806	mg/kg	TRG	U	U	0.000806	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	124-48-1	Dibromochloromethane	0.000538	mg/kg	TRG	U	UJ	0.000538	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	106-93-4	Dibromoethane, 1,2-	0.000452	mg/kg	TRG	U	U	0.000452	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000484	mg/kg	TRG	U	U	0.000484	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000333	mg/kg	TRG	U	U	0.000333	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000398	mg/kg	TRG	U	U	0.000398	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	75-34-3	Dichloroethane, 1,1-	0.000505	mg/kg	TRG	U	U	0.000505	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	107-06-2	Dichloroethane, 1,2-	0.000462	mg/kg	TRG	U	U	0.000462	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	75-35-4	Dichloroethene, 1,1-	0.00075	mg/kg	TRG	J	J	0.0001875	Y	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000505	mg/kg	TRG	U	U	0.000505	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	156-60-5	Dichloroethene, trans-1,2-	0.00057	mg/kg	TRG	U	U	0.00057	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	78-87-5	Dichloropropane, 1,2-	0.000516	mg/kg	TRG	U	U	0.000516	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000462	mg/kg	TRG	U	U	0.000462	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000269	mg/kg	TRG	U	U	0.000269	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	100-41-4	Ethylbenzene	0.000409	mg/kg	TRG	U	U	0.000409	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	591-78-6	Hexanone, 2-	0.00405	mg/kg	TRG	U	UJ	0.00405	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	98-82-8	Isopropylbenzene	0.000484	mg/kg	TRG	U	U	0.000484	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	79-20-9	METHYL ACETATE	0.00355	mg/kg	TRG	U	UJ	0.00355	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.00057	mg/kg	TRG	U	U	0.00057	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00433	mg/kg	TRG	U	UJ	0.00433	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	75-09-2	Methylene chloride	0.00145	mg/kg	TRG	U	U	0.00145	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	91-20-3	Naphthalene	0.0474	mg/kg	TRG	N	NJ	0.01185	Y	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	100-42-5	Styrene	0.000419	mg/kg	TRG	U	U	0.000419	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000978	mg/kg	TRG	U	UJ	0.000978	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	127-18-4	Tetrachloroethene	0.000409	mg/kg	TRG	U	UJ	0.000409	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	108-88-3	Toluene	0.000366	mg/kg	TRG	U	U	0.000366	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000376	mg/kg	TRG	U	U	0.000376	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000387	mg/kg	TRG	U	UJ	0.000387	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	71-55-6	Trichloroethane, 1,1,1-	0.00057	mg/kg	TRG	U	UJ	0.00057	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000581	mg/kg	TRG	U	U	0.000581	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	79-01-6	Trichloroethene	0.000484	mg/kg	TRG	U	U	0.000484	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	75-69-4	Trichlorofluoromethane	0.000538	mg/kg	TRG	U	UJ	0.000538	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	75-01-4	Vinyl chloride	0.000602	mg/kg	TRG	U	U	0.000602	N	VOLATILES	P
OUT_2BG	BH22				SO	22-May-04	0	1	BH22A(0-1)	REG	1330-20-7	Xylenes, total	0.000419	mg/kg	TRG	U	U	0.000419	N	VOLATILES	P
OUT_2BG	BH22				SO	12-Oct-10	0	1	BG0015	REG	10-00-4	% moisture	21.2	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	99-65-0	Dinitrobenzene, 1,3-	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	2691-41-0	HMX	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	88-72-2	Nitrotoluene, 2-	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	99-08-1	Nitrotoluene, 3-	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	99-99-0	Nitrotoluene, 4-	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	121-82-4	RDX	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	479-45-8	Tetryl	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.625	mg/kg	TRG	U	U	0.625	N	EXPLOSIVES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	118-96-7	Trinitrotoluene, 2,4,6-	2270	mg/kg	TRG	D		567.5	Y	EXPLOSIVES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7429-90-5	Aluminum	10160	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7440-36-0	Antimony	0.649	mg/kg	TRG	BN	J	8.35	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7440-38-2	Arsenic	7.54	mg/kg	TRG	*	J	5	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7440-39-3	Barium	154	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7440-41-7	Beryllium	0.572	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7440-43-9	Cadmium	0.778	mg/kg	TRG			0.65	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7440-70-2	Calcium	5710	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7440-47-3	Chromium	20	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7440-48-4	Cobalt	6.86	mg/kg	TRG			6.3	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7440-50-8	Copper	92.4	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7439-89-6	Iron	17770	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7439-92-1	Lead	386	mg/kg	TRG	N	J	2.5	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7439-95-4	Magnesium	3380	mg/kg	TRG	*	J	50	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7439-96-5	Manganese	320	mg/kg	TRG	N	J	50	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7439-97-6	Mercury	0.154	mg/kg	TRG	E	J	0.0385	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7440-02-0	Nickel	24.3	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7440-09-7	Potassium	1850	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7782-49-2	Selenium	2.06	mg/kg	TRG		J	0.75	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7440-22-4	Silver	0.471	mg/kg	TRG	B	J	1.3	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7440-23-5	Sodium	96.6	mg/kg	TRG			646	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7440-28-0	Thallium	1.42	mg/kg	TRG	U	U	1.42	N	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7440-62-2	Vanadium	25.6	mg/kg	TRG			2	Y	METALS	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	7440-66-6	Zinc	247	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	10-00-4	% moisture	28.04	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	12674-11-2	Aroclor 1016	21.4	mg/kg	TRG	U	U	21.4	N	PEST/PCB	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	11096-82-5	Aroclor 1260	44.4	mg/kg	TRG	J	J	11.1	Y	PEST/PCB	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	83-32-9	Acenaphthene	0.0577	mg/kg	TRG	N	NJ	0.014425	Y	SEMIVOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	208-96-8	Acenaphthylene	0.0167	mg/kg	TRG	U	U	0.0167	N	SEMIVOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	120-12-7	Anthracene	0.0038	mg/kg	TRG	J	J	0.00095	Y	SEMIVOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	56-55-3	Benzo(a)anthracene	0.00408	mg/kg	TRG	J	J	0.00102	Y	SEMIVOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	50-32-8	Benzo(a)pyrene	0.0136	mg/kg	TRG	N	NJ	0.0034	Y	SEMIVOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	205-99-2	Benzo(b)fluoranthene	0.0143	mg/kg	TRG	N	NJ	0.003575	Y	SEMIVOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	191-24-2	Benzo(ghi)perylene	0.00597	mg/kg	TRG	U	U	0.00597	N	SEMIVOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	207-08-9	Benzo(k)fluoranthene	0.1	mg/kg	TRG	N	NJ	0.025	Y	SEMIVOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	218-01-9	Chrysene	0.0125	mg/kg	TRG	J	J	0.003125	Y	SEMIVOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	53-70-3	Dibenz(a,h)anthracene	0.0123	mg/kg	TRG	N	NJ	0.003075	Y	SEMIVOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	121-14-2	Dinitrotoluene, 2,4-	2.71	mg/kg	TRG	P	J	0.6775	Y	SEMIVOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	606-20-2	Dinitrotoluene, 2,6-	0.625	mg/kg	TRG	U	U	0.625	N	SEMIVOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	206-44-0	Fluoranthene	0.0238	mg/kg	TRG	J	J	0.00595	Y	SEMIVOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	86-73-7	Fluorene	0.0136	mg/kg	TRG	J	J	0.0034	Y	SEMIVOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0082	mg/kg	TRG	J	J	0.00205	Y	SEMIVOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	98-95-3	Nitrobenzene	0.625	mg/kg	TRG	U	U	0.625	N	SEMIVOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	85-01-8	Phenanthrene	0.00803	mg/kg	TRG	U	U	0.00803	N	SEMIVOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	129-00-0	Pyrene	0.0115	mg/kg	TRG	U	U	0.0115	N	SEMIVOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	67-64-1	Acetone	0.0043	mg/kg	TRG	U	U	0.0043	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	71-43-2	Benzene	0.000549	mg/kg	TRG	U	U	0.000549	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	74-97-5	Bromochloromethane	0.00061	mg/kg	TRG	U	U	0.00061	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	75-27-4	Bromodichloromethane	0.000598	mg/kg	TRG	U	UJ	0.000598	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	75-25-2	Bromoform	0.000598	mg/kg	TRG	U	U	0.000598	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	74-83-9	Bromomethane	0.00061	mg/kg	TRG	U	UJ	0.00061	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	78-93-3	Butanone, 2-	0.00456	mg/kg	TRG	U	UJ	0.00456	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	75-15-0	Carbon disulfide	0.00288	mg/kg	TRG	U	U	0.00288	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	56-23-5	Carbon tetrachloride	0.000598	mg/kg	TRG	U	UJ	0.000598	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	108-90-7	Chlorobenzene	0.0005	mg/kg	TRG	U	U	0.0005	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	75-00-3	Chloroethane	0.000988	mg/kg	TRG	U	U	0.000988	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	67-66-3	Chloroform	0.000635	mg/kg	TRG	U	U	0.000635	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	74-87-3	Chloromethane	0.000451	mg/kg	TRG	U	U	0.000451	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	110-82-7	Cyclohexane	0.000586	mg/kg	TRG	U	U	0.000586	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000915	mg/kg	TRG	U	U	0.000915	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	124-48-1	Dibromochloromethane	0.00061	mg/kg	TRG	U	UJ	0.00061	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	106-93-4	Dibromoethane, 1,2-	0.000512	mg/kg	TRG	U	U	0.000512	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000549	mg/kg	TRG	U	U	0.000549	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000378	mg/kg	TRG	U	U	0.000378	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	106-46-7	Dichlorobenzene, 1,4-	0.000451	mg/kg	TRG	U	U	0.000451	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	75-34-3	Dichloroethane, 1,1-	0.000574	mg/kg	TRG	U	U	0.000574	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	107-06-2	Dichloroethane, 1,2-	0.000525	mg/kg	TRG	U	U	0.000525	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	75-35-4	Dichloroethene, 1,1-	0.00061	mg/kg	TRG	U	U	0.00061	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000574	mg/kg	TRG	U	U	0.000574	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000647	mg/kg	TRG	U	U	0.000647	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	78-87-5	Dichloropropane, 1,2-	0.000586	mg/kg	TRG	U	U	0.000586	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000525	mg/kg	TRG	U	U	0.000525	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000305	mg/kg	TRG	U	U	0.000305	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	100-41-4	Ethylbenzene	0.000464	mg/kg	TRG	U	U	0.000464	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	591-78-6	Hexanone, 2-	0.0046	mg/kg	TRG	U	UJ	0.0046	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	98-82-8	Isopropylbenzene	0.000549	mg/kg	TRG	U	U	0.000549	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	79-20-9	METHYL ACETATE	0.00403	mg/kg	TRG	U	UJ	0.00403	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000647	mg/kg	TRG	U	U	0.000647	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	108-10-1	Methyl-2-pentanone, 4-	0.00492	mg/kg	TRG	U	UJ	0.00492	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	75-09-2	Methylene chloride	0.00165	mg/kg	TRG	U	U	0.00165	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	91-20-3	Naphthalene	0.0234	mg/kg	TRG	J	J	0.00585	Y	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	100-42-5	Styrene	0.000476	mg/kg	TRG	U	U	0.000476	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.00111	mg/kg	TRG	U	UJ	0.00111	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	127-18-4	Tetrachloroethene	0.000464	mg/kg	TRG	U	UJ	0.000464	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	108-88-3	Toluene	0.000415	mg/kg	TRG	U	U	0.000415	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000427	mg/kg	TRG	U	U	0.000427	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000439	mg/kg	TRG	U	UJ	0.000439	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	71-55-6	Trichloroethane, 1,1,1-	0.000647	mg/kg	TRG	U	UJ	0.000647	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000659	mg/kg	TRG	U	U	0.000659	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	79-01-6	Trichloroethene	0.000549	mg/kg	TRG	U	U	0.000549	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	75-69-4	Trichlorofluoromethane	0.00061	mg/kg	TRG	U	UJ	0.00061	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	75-01-4	Vinyl chloride	0.000683	mg/kg	TRG	U	U	0.000683	N	VOLATILES	P
OUT_2BG	BH23				SO	22-May-04	0	1	BH23A(0-1)	REG	1330-20-7	Xylenes, total	0.000476	mg/kg	TRG	U	U	0.000476	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	1.57	mg/kg	TRG			0.3925	Y	EXPLOSIVES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	99-65-0	Dinitrobenzene, 1,3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	2691-41-0	HMX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	88-72-2	Nitrotoluene, 2-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	99-08-1	Nitrotoluene, 3-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	99-99-0	Nitrotoluene, 4-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	121-82-4	RDX	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	479-45-8	Tetryl	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.125	mg/kg	TRG	U	U	0.125	N	EXPLOSIVES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	118-96-7	Trinitrotoluene, 2,4,6-	1.97	mg/kg	TRG	P	J	0.4925	Y	EXPLOSIVES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7429-90-5	Aluminum	10990	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7440-36-0	Antimony	0.782	mg/kg	TRG	BN	J	8.35	Y	METALS	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7440-38-2	Arsenic	8.44	mg/kg	TRG	*	J	5	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7440-39-3	Barium	168	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7440-41-7	Beryllium	0.615	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7440-43-9	Cadmium	0.629	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7440-70-2	Calcium	11090	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7440-47-3	Chromium	25	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7440-48-4	Cobalt	6.85	mg/kg	TRG			6.3	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7440-50-8	Copper	151	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7439-89-6	Iron	19040	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7439-92-1	Lead	590	mg/kg	TRG	N	J	2.5	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7439-95-4	Magnesium	4490	mg/kg	TRG	*	J	50	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7439-96-5	Manganese	305	mg/kg	TRG	N	J	50	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7439-97-6	Mercury	0.115	mg/kg	TRG	E	J	0.02875	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7440-02-0	Nickel	25.3	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7440-09-7	Potassium	1950	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7782-49-2	Selenium	0.774	mg/kg	TRG		J	0.75	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7440-22-4	Silver	0.138	mg/kg	TRG	B	J	1.3	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7440-23-5	Sodium	137	mg/kg	TRG			646	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7440-28-0	Thallium	1.37	mg/kg	TRG	U	U	1.37	N	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7440-62-2	Vanadium	27.9	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	7440-66-6	Zinc	299	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	10-00-4	% moisture	22.43	Percent	TRG			0	Y	MOISTURE	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	12674-11-2	Aroclor 1016	0.876	mg/kg	TRG	U	U	0.876	N	PEST/PCB	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	11096-82-5	Aroclor 1260	2.63	mg/kg	TRG		J	0.6575	Y	PEST/PCB	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	83-32-9	Acenaphthene	0.377	mg/kg	TRG	N	NJ	0.09425	Y	SEMIVOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	208-96-8	Acenaphthylene	0.49	mg/kg	TRG	N	NJ	0.1225	Y	SEMIVOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	120-12-7	Anthracene	0.02	mg/kg	TRG	N	NJ	0.005	Y	SEMIVOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	56-55-3	Benzo(a)anthracene	0.0761	mg/kg	TRG	N	NJ	0.019025	Y	SEMIVOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	50-32-8	Benzo(a)pyrene	0.0895	mg/kg	TRG	N	NJ	0.022375	Y	SEMIVOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	205-99-2	Benzo(b)fluoranthene	0.108	mg/kg	TRG	N	NJ	0.027	Y	SEMIVOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	191-24-2	Benzo(ghi)perylene	0.0759	mg/kg	TRG	N	NJ	0.018975	Y	SEMIVOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	207-08-9	Benzo(k)fluoranthene	0.095	mg/kg	TRG	N	NJ	0.02375	Y	SEMIVOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	218-01-9	Chrysene	0.136	mg/kg	TRG	N	NJ	0.034	Y	SEMIVOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	53-70-3	Dibenz(a,h)anthracene	0.0439	mg/kg	TRG	N	NJ	0.010975	Y	SEMIVOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	121-14-2	Dinitrotoluene, 2,4-	0.85	mg/kg	TRG	P	J	0.2125	Y	SEMIVOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	606-20-2	Dinitrotoluene, 2,6-	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	206-44-0	Fluoranthene	0.193	mg/kg	TRG	N	NJ	0.04825	Y	SEMIVOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	86-73-7	Fluorene	0.0333	mg/kg	TRG	J	J	0.008325	Y	SEMIVOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0501	mg/kg	TRG	N	NJ	0.012525	Y	SEMIVOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	98-95-3	Nitrobenzene	0.125	mg/kg	TRG	U	U	0.125	N	SEMIVOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	85-01-8	Phenanthrene	0.0723	mg/kg	TRG	N	NJ	0.018075	Y	SEMIVOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	129-00-0	Pyrene	0.229	mg/kg	TRG	N	NJ	0.05725	Y	SEMIVOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	67-64-1	Acetone	0.0046	mg/kg	TRG	J	J	0.00115	Y	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	71-43-2	Benzene	0.000481	mg/kg	TRG	U	U	0.000481	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	74-97-5	Bromochloromethane	0.000534	mg/kg	TRG	U	U	0.000534	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	75-27-4	Bromodichloromethane	0.000523	mg/kg	TRG	U	UJ	0.000523	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	75-25-2	Bromoform	0.000523	mg/kg	TRG	U	U	0.000523	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	74-83-9	Bromomethane	0.000534	mg/kg	TRG	U	UJ	0.000534	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	78-93-3	Butanone, 2-	0.004	mg/kg	TRG	U	UJ	0.004	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	75-15-0	Carbon disulfide	0.00252	mg/kg	TRG	U	U	0.00252	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	56-23-5	Carbon tetrachloride	0.000523	mg/kg	TRG	U	UJ	0.000523	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	108-90-7	Chlorobenzene	0.000438	mg/kg	TRG	U	U	0.000438	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	75-00-3	Chloroethane	0.000865	mg/kg	TRG	U	U	0.000865	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	67-66-3	Chloroform	0.000555	mg/kg	TRG	U	U	0.000555	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	74-87-3	Chloromethane	0.000395	mg/kg	TRG	U	U	0.000395	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	110-82-7	Cyclohexane	0.000513	mg/kg	TRG	U	U	0.000513	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	96-12-8	Dibromo-3-chloropropane, 1,2-	0.000801	mg/kg	TRG	U	UJ	0.000801	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	124-48-1	Dibromochloromethane	0.000534	mg/kg	TRG	U	UJ	0.000534	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	106-93-4	Dibromoethane, 1,2-	0.000449	mg/kg	TRG	U	U	0.000449	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	95-50-1	Dichlorobenzene, 1,2-	0.000481	mg/kg	TRG	U	UJ	0.000481	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	541-73-1	Dichlorobenzene, 1,3-	0.000331	mg/kg	TRG	U	UJ	0.000331	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	106-46-7	Dichlorobenzene, 1,4-	0.00042	mg/kg	TRG	J	J	0.000105	Y	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	75-34-3	Dichloroethane, 1,1-	0.000502	mg/kg	TRG	U	U	0.000502	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	107-06-2	Dichloroethane, 1,2-	0.000459	mg/kg	TRG	U	U	0.000459	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	75-35-4	Dichloroethene, 1,1-	0.000534	mg/kg	TRG	U	U	0.000534	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	156-59-2	Dichloroethene, cis-1,2-	0.000502	mg/kg	TRG	U	U	0.000502	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	156-60-5	Dichloroethene, trans-1,2-	0.000566	mg/kg	TRG	U	U	0.000566	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	78-87-5	Dichloropropane, 1,2-	0.000513	mg/kg	TRG	U	U	0.000513	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	10061-01-5	Dichloropropene, cis-1,3-	0.000459	mg/kg	TRG	U	U	0.000459	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	10061-02-6	Dichloropropene, trans-1,3-	0.000267	mg/kg	TRG	U	U	0.000267	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	100-41-4	Ethylbenzene	0.000406	mg/kg	TRG	U	U	0.000406	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	591-78-6	Hexanone, 2-	0.00403	mg/kg	TRG	U	UJ	0.00403	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	98-82-8	Isopropylbenzene	0.000481	mg/kg	TRG	U	UJ	0.000481	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	79-20-9	METHYL ACETATE	0.00353	mg/kg	TRG	U	UJ	0.00353	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	1634-04-4	Methyl Tertiary Butyl Ether	0.000566	mg/kg	TRG	U	U	0.000566	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	108-10-1	Methyl-2-pentanone, 4-	0.0043	mg/kg	TRG	U	UJ	0.0043	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	75-09-2	Methylene chloride	0.00144	mg/kg	TRG	U	U	0.00144	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	91-20-3	Naphthalene	0.19	mg/kg	TRG	N	NJ	0.0475	Y	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	100-42-5	Styrene	0.000417	mg/kg	TRG	U	U	0.000417	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	79-34-5	Tetrachloroethane, 1,1,2,2-	0.000972	mg/kg	TRG	U	UJ	0.000972	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	127-18-4	Tetrachloroethene	0.0034	mg/kg	TRG		J	0.00085	Y	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	108-88-3	Toluene	0.000363	mg/kg	TRG	U	U	0.000363	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	87-61-6	Trichlorobenzene, 1,2,3-	0.000374	mg/kg	TRG	U	UJ	0.000374	N	VOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	120-82-1	Trichlorobenzene, 1,2,4-	0.000385	mg/kg	TRG	U	UJ	0.000385	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	71-55-6	Trichloroethane, 1,1,1-	0.0017	mg/kg	TRG		J	0.000425	Y	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	79-00-5	Trichloroethane, 1,1,2-	0.000577	mg/kg	TRG	U	U	0.000577	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	79-01-6	Trichloroethene	0.000481	mg/kg	TRG	U	U	0.000481	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	75-69-4	Trichlorofluoromethane	0.000534	mg/kg	TRG	U	UJ	0.000534	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	75-01-4	Vinyl chloride	0.000598	mg/kg	TRG	U	U	0.000598	N	VOLATILES	P
OUT_2BG	BH24				SO	22-May-04	0	1	BH24A(0-1)	REG	1330-20-7	Xylenes, total	0.000417	mg/kg	TRG	U	U	0.000417	N	VOLATILES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	3.3	mg/kg	TRG			0.825	Y	EXPLOSIVES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	4.3	mg/kg	TRG			1.075	Y	EXPLOSIVES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.22	mg/kg	TRG	JP	J	0.055	Y	EXPLOSIVES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	2691-41-0	HMX	0.16	mg/kg	TRG	J	J	0.04	Y	EXPLOSIVES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.13	mg/kg	TRG	JP	J	0.0325	Y	EXPLOSIVES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.13	mg/kg	TRG	U	U	0.13	N	EXPLOSIVES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	121-82-4	RDX	0.27	mg/kg	TRG	J	J	0.0675	Y	EXPLOSIVES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	479-45-8	Tetryl	0.087	mg/kg	TRG	U	UJ	0.087	N	EXPLOSIVES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.74	mg/kg	TRG			0.185	Y	EXPLOSIVES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	23	mg/kg	TRG			5.75	Y	EXPLOSIVES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	7439-92-1	Lead	590	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.0052	mg/kg	TRG	U	U	0.0052	N	PEST/PCB	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	3.5	mg/kg	TRG	D	J	0.875	Y	PEST/PCB	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.049	mg/kg	TRG	U	UJ	0.049	N	SEMIVOLATILES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.049	mg/kg	TRG	U	UJ	0.049	N	SEMIVOLATILES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	120-12-7	Anthracene	0.049	mg/kg	TRG	U	UJ	0.049	N	SEMIVOLATILES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.087	mg/kg	TRG	J	J	0.02175	Y	SEMIVOLATILES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.31	mg/kg	TRG		J	0.0775	Y	SEMIVOLATILES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.42	mg/kg	TRG		J	0.105	Y	SEMIVOLATILES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.26	mg/kg	TRG		J	0.065	Y	SEMIVOLATILES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.22	mg/kg	TRG		J	0.055	Y	SEMIVOLATILES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	218-01-9	Chrysene	0.17	mg/kg	TRG		J	0.0425	Y	SEMIVOLATILES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.049	mg/kg	TRG	U	UJ	0.049	N	SEMIVOLATILES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	2.9	mg/kg	TRG			0.725	Y	SEMIVOLATILES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	1.3	mg/kg	TRG			0.325	Y	SEMIVOLATILES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.24	mg/kg	TRG		J	0.06	Y	SEMIVOLATILES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	86-73-7	Fluorene	0.049	mg/kg	TRG	U	UJ	0.049	N	SEMIVOLATILES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.22	mg/kg	TRG		J	0.055	Y	SEMIVOLATILES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.11	mg/kg	TRG	J	J	0.0275	Y	SEMIVOLATILES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.096	mg/kg	TRG	U	U	0.096	N	SEMIVOLATILES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.19	mg/kg	TRG		J	0.0475	Y	SEMIVOLATILES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	129-00-0	Pyrene	0.27	mg/kg	TRG		J	0.0675	Y	SEMIVOLATILES	P
OUT_2BG	BH25				SO	22-Apr-05	0	0.5	BH25-A-(0-0.5)	REG	91-20-3	Naphthalene	0.049	mg/kg	TRG	U	UJ	0.049	N	VOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.15	mg/kg	TRG	U	U	0.15	N	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	2691-41-0	HMX	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.15	mg/kg	TRG	U	U	0.15	N	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	121-82-4	RDX	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	479-45-8	Tetryl	0.1	mg/kg	TRG	U	UJ	0.1	N	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.16	mg/kg	TRG	J	J	0.04	Y	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	7439-92-1	Lead	55	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.0053	mg/kg	TRG	U	U	0.0053	N	PEST/PCB	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	0.21	mg/kg	TRG	P		0.0525	Y	PEST/PCB	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	120-12-7	Anthracene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	218-01-9	Chrysene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.13	mg/kg	TRG	U	U	0.13	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.13	mg/kg	TRG	U	U	0.13	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	86-73-7	Fluorene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.11	mg/kg	TRG	U	U	0.11	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	129-00-0	Pyrene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-A-(0-0.5)	REG	91-20-3	Naphthalene	0.026	mg/kg	TRG	U	UJ	0.026	N	VOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.077	mg/kg	TRG	U	U	0.077	N	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.12	mg/kg	TRG	U	U	0.12	N	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	99-65-0	Dinitrobenzene, 1,3-	0.077	mg/kg	TRG	U	U	0.077	N	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	2691-41-0	HMX	0.077	mg/kg	TRG	U	U	0.077	N	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	88-72-2	Nitrotoluene, 2-	0.077	mg/kg	TRG	U	U	0.077	N	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	99-08-1	Nitrotoluene, 3-	0.077	mg/kg	TRG	U	U	0.077	N	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	99-99-0	Nitrotoluene, 4-	0.12	mg/kg	TRG	U	U	0.12	N	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	121-82-4	RDX	0.077	mg/kg	TRG	U	U	0.077	N	EXPLOSIVES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	479-45-8	Tetryl	0.077	mg/kg	TRG	U	UJ	0.077	N	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	99-35-4	Trinitrobenzene, 1,3,5-	0.077	mg/kg	TRG	U	U	0.077	N	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	118-96-7	Trinitrotoluene, 2,4,6-	0.077	mg/kg	TRG	U	U	0.077	N	EXPLOSIVES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	7439-92-1	Lead	68.3	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	12674-11-2	Aroclor 1016	0.0052	mg/kg	TRG	U	U	0.0052	N	PEST/PCB	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	11096-82-5	Aroclor 1260	0.2	mg/kg	TRG			0.05	Y	PEST/PCB	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	83-32-9	Acenaphthene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	208-96-8	Acenaphthylene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	120-12-7	Anthracene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	56-55-3	Benzo(a)anthracene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	50-32-8	Benzo(a)pyrene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	205-99-2	Benzo(b)fluoranthene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	191-24-2	Benzo(ghi)perylene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	207-08-9	Benzo(k)fluoranthene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	218-01-9	Chrysene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	53-70-3	Dibenz(a,h)anthracene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	121-14-2	Dinitrotoluene, 2,4-	0.1	mg/kg	TRG	U	U	0.1	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	606-20-2	Dinitrotoluene, 2,6-	0.1	mg/kg	TRG	U	U	0.1	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	206-44-0	Fluoranthene	0.041	mg/kg	TRG	J	UJ	0.041	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	86-73-7	Fluorene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	193-39-5	Indeno(1,2,3-cd)pyrene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	91-57-6	Methylnaphthalene, 2-	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	98-95-3	Nitrobenzene	0.085	mg/kg	TRG	U	U	0.085	N	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	85-01-8	Phenanthrene	0.03	mg/kg	TRG	J	J	0.0075	Y	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	129-00-0	Pyrene	0.032	mg/kg	TRG	J	J	0.008	Y	SEMIVOLATILES	P
OUT_2BG	BH26				SO	22-Apr-05	0	0.5	BH26-D-(0-0.5)	FD	91-20-3	Naphthalene	0.025	mg/kg	TRG	U	UJ	0.025	N	VOLATILES	P
OUT_2BG	BH26				SO	12-Oct-10	0	1	BG0010	REG	10-00-4	% moisture	23.1	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.9	mg/kg	TRG			0.225	Y	EXPLOSIVES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.92	mg/kg	TRG			0.23	Y	EXPLOSIVES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	2691-41-0	HMX	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.13	mg/kg	TRG	U	U	0.13	N	EXPLOSIVES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	121-82-4	RDX	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	479-45-8	Tetryl	0.087	mg/kg	TRG	U	UJ	0.087	N	EXPLOSIVES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.21	mg/kg	TRG	JP	J	0.0525	Y	EXPLOSIVES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	14	mg/kg	TRG			3.5	Y	EXPLOSIVES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	7439-92-1	Lead	203	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.0052	mg/kg	TRG	U	U	0.0052	N	PEST/PCB	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	1.9	mg/kg	TRG	DP	J	0.475	Y	PEST/PCB	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.051	mg/kg	TRG	U	UJ	0.051	N	SEMIVOLATILES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.051	mg/kg	TRG	U	UJ	0.051	N	SEMIVOLATILES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	120-12-7	Anthracene	0.051	mg/kg	TRG	U	UJ	0.051	N	SEMIVOLATILES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.051	mg/kg	TRG	U	UJ	0.051	N	SEMIVOLATILES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.051	mg/kg	TRG	U	UJ	0.051	N	SEMIVOLATILES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.051	mg/kg	TRG	U	UJ	0.051	N	SEMIVOLATILES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.051	mg/kg	TRG	U	UJ	0.051	N	SEMIVOLATILES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.051	mg/kg	TRG	U	UJ	0.051	N	SEMIVOLATILES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	218-01-9	Chrysene	0.051	mg/kg	TRG	U	UJ	0.051	N	SEMIVOLATILES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.051	mg/kg	TRG	U	UJ	0.051	N	SEMIVOLATILES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.86	mg/kg	TRG			0.215	Y	SEMIVOLATILES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.35	mg/kg	TRG	J	J	0.0875	Y	SEMIVOLATILES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.053	mg/kg	TRG	J	J	0.01325	Y	SEMIVOLATILES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	86-73-7	Fluorene	0.051	mg/kg	TRG	U	UJ	0.051	N	SEMIVOLATILES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.051	mg/kg	TRG	U	UJ	0.051	N	SEMIVOLATILES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.051	mg/kg	TRG	U	UJ	0.051	N	SEMIVOLATILES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.096	mg/kg	TRG	U	U	0.096	N	SEMIVOLATILES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.051	mg/kg	TRG	U	UJ	0.051	N	SEMIVOLATILES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	129-00-0	Pyrene	0.051	mg/kg	TRG	U	UJ	0.051	N	SEMIVOLATILES	P
OUT_2BG	BH27				SO	22-Apr-05	0	0.5	BH27-A-(0-0.5)	REG	91-20-3	Naphthalene	0.051	mg/kg	TRG	U	UJ	0.051	N	VOLATILES	P
OUT_2BG	BH27				SO	12-Oct-10	0	1	BG0013	REG	10-00-4	% moisture	22.5	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.13	mg/kg	TRG	U	U	0.13	N	EXPLOSIVES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	2691-41-0	HMX	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.13	mg/kg	TRG	U	U	0.13	N	EXPLOSIVES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	121-82-4	RDX	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	479-45-8	Tetryl	0.087	mg/kg	TRG	U	UJ	0.087	N	EXPLOSIVES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.16	mg/kg	TRG	J	J	0.04	Y	EXPLOSIVES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	7439-92-1	Lead	54.4	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.0052	mg/kg	TRG	U	U	0.0052	N	PEST/PCB	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	0.15	mg/kg	TRG			0.0375	Y	PEST/PCB	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.05	mg/kg	TRG	U	UJ	0.05	N	SEMIVOLATILES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.05	mg/kg	TRG	U	UJ	0.05	N	SEMIVOLATILES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	120-12-7	Anthracene	0.05	mg/kg	TRG	U	UJ	0.05	N	SEMIVOLATILES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.05	mg/kg	TRG	U	UJ	0.05	N	SEMIVOLATILES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.05	mg/kg	TRG	U	UJ	0.05	N	SEMIVOLATILES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.05	mg/kg	TRG	U	UJ	0.05	N	SEMIVOLATILES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.05	mg/kg	TRG	U	UJ	0.05	N	SEMIVOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.05	mg/kg	TRG	U	UJ	0.05	N	SEMIVOLATILES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	218-01-9	Chrysene	0.05	mg/kg	TRG	U	UJ	0.05	N	SEMIVOLATILES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.05	mg/kg	TRG	U	UJ	0.05	N	SEMIVOLATILES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.11	mg/kg	TRG	U	U	0.11	N	SEMIVOLATILES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.11	mg/kg	TRG	U	U	0.11	N	SEMIVOLATILES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.05	mg/kg	TRG	U	UJ	0.05	N	SEMIVOLATILES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	86-73-7	Fluorene	0.05	mg/kg	TRG	U	UJ	0.05	N	SEMIVOLATILES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.05	mg/kg	TRG	U	UJ	0.05	N	SEMIVOLATILES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.05	mg/kg	TRG	U	UJ	0.05	N	SEMIVOLATILES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.096	mg/kg	TRG	U	U	0.096	N	SEMIVOLATILES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.05	mg/kg	TRG	U	UJ	0.05	N	SEMIVOLATILES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	129-00-0	Pyrene	0.05	mg/kg	TRG	U	UJ	0.05	N	SEMIVOLATILES	P
OUT_2BG	BH28				SO	22-Apr-05	0	0.5	BH28-A-(0-0.5)	REG	91-20-3	Naphthalene	0.05	mg/kg	TRG	U	UJ	0.05	N	VOLATILES	P
OUT_2BG	BH28				SO	12-Oct-10	0	1	BG0016	REG	10-00-4	% moisture	25	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH28				SO	12-Oct-10	0	1	BG0021	FD	10-00-4	% moisture	23.9	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.99	mg/kg	TRG			0.2475	Y	EXPLOSIVES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	1.3	mg/kg	TRG			0.325	Y	EXPLOSIVES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	2691-41-0	HMX	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.14	mg/kg	TRG	U	U	0.14	N	EXPLOSIVES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	121-82-4	RDX	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	479-45-8	Tetryl	0.091	mg/kg	TRG	U	UJ	0.091	N	EXPLOSIVES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	4.6	mg/kg	TRG			1.15	Y	EXPLOSIVES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	7439-92-1	Lead	388	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.0054	mg/kg	TRG	U	U	0.0054	N	PEST/PCB	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	0.83	mg/kg	TRG	D		0.2075	Y	PEST/PCB	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	120-12-7	Anthracene	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.065	mg/kg	TRG	J	J	0.01625	Y	SEMIVOLATILES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.11	mg/kg	TRG		J	0.0275	Y	SEMIVOLATILES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.13	mg/kg	TRG		J	0.0325	Y	SEMIVOLATILES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.06	mg/kg	TRG	J	J	0.015	Y	SEMIVOLATILES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.12	mg/kg	TRG		J	0.03	Y	SEMIVOLATILES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	218-01-9	Chrysene	0.14	mg/kg	TRG		J	0.035	Y	SEMIVOLATILES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.59	mg/kg	TRG			0.1475	Y	SEMIVOLATILES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.19	mg/kg	TRG	J	J	0.0475	Y	SEMIVOLATILES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.096	mg/kg	TRG		J	0.024	Y	SEMIVOLATILES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	86-73-7	Fluorene	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.064	mg/kg	TRG	J	J	0.016	Y	SEMIVOLATILES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.1	mg/kg	TRG	U	U	0.1	N	SEMIVOLATILES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.038	mg/kg	TRG	J	J	0.0095	Y	SEMIVOLATILES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	129-00-0	Pyrene	0.086	mg/kg	TRG		J	0.0215	Y	SEMIVOLATILES	P
OUT_2BG	BH29				SO	22-Apr-05	0	0.5	BH29-A-(0-0.5)	REG	91-20-3	Naphthalene	0.027	mg/kg	TRG	U	UJ	0.027	N	VOLATILES	P
OUT_2BG	BH29				SO	12-Oct-10	0	1	BG0018	REG	10-00-4	% moisture	20.6	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.14	mg/kg	TRG	U	U	0.14	N	EXPLOSIVES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	2691-41-0	HMX	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.14	mg/kg	TRG	U	U	0.14	N	EXPLOSIVES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	121-82-4	RDX	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	479-45-8	Tetryl	0.091	mg/kg	TRG	U	UJ	0.091	N	EXPLOSIVES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	7439-92-1	Lead	37.8	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.0053	mg/kg	TRG	U	U	0.0053	N	PEST/PCB	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	0.081	mg/kg	TRG			0.02025	Y	PEST/PCB	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	120-12-7	Anthracene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	218-01-9	Chrysene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.12	mg/kg	TRG	U	U	0.12	N	SEMIVOLATILES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.12	mg/kg	TRG	U	U	0.12	N	SEMIVOLATILES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	86-73-7	Fluorene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.1	mg/kg	TRG	U	U	0.1	N	SEMIVOLATILES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	129-00-0	Pyrene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH30				SO	22-Apr-05	0	0.5	BH30-A-(0-0.5)	REG	91-20-3	Naphthalene	0.025	mg/kg	TRG	U	UJ	0.025	N	VOLATILES	P
OUT_2BG	BH30				SO	12-Oct-10	0	1	BG0008	REG	10-00-4	% moisture	18	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.13	mg/kg	TRG	U	U	0.13	N	EXPLOSIVES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	2691-41-0	HMX	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.13	mg/kg	TRG	U	U	0.13	N	EXPLOSIVES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	121-82-4	RDX	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	479-45-8	Tetryl	0.087	mg/kg	TRG	U	UJ	0.087	N	EXPLOSIVES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	7439-92-1	Lead	25.3	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.0056	mg/kg	TRG	U	U	0.0056	N	PEST/PCB	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	0.03	mg/kg	TRG			0.0075	Y	PEST/PCB	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	120-12-7	Anthracene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	218-01-9	Chrysene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.11	mg/kg	TRG	U	U	0.11	N	SEMIVOLATILES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.11	mg/kg	TRG	U	U	0.11	N	SEMIVOLATILES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	86-73-7	Fluorene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.096	mg/kg	TRG	U	U	0.096	N	SEMIVOLATILES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	129-00-0	Pyrene	0.026	mg/kg	TRG	U	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH31				SO	22-Apr-05	0	0.5	BH31-A-(0-0.5)	REG	91-20-3	Naphthalene	0.026	mg/kg	TRG	U	UJ	0.026	N	VOLATILES	P
OUT_2BG	BH31				SO	12-Oct-10	0	1	BG0011	REG	10-00-4	% moisture	23.2	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.14	mg/kg	TRG	U	U	0.14	N	EXPLOSIVES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	2691-41-0	HMX	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.14	mg/kg	TRG	U	U	0.14	N	EXPLOSIVES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	121-82-4	RDX	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	479-45-8	Tetryl	0.091	mg/kg	TRG	U	UJ	0.091	N	EXPLOSIVES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	7439-92-1	Lead	22.9	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.0058	mg/kg	TRG	U	U	0.0058	N	PEST/PCB	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	0.013	mg/kg	TRG	J		0.00325	Y	PEST/PCB	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	120-12-7	Anthracene	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	218-01-9	Chrysene	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.12	mg/kg	TRG	U	U	0.12	N	SEMIVOLATILES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.12	mg/kg	TRG	U	U	0.12	N	SEMIVOLATILES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.028	mg/kg	TRG	J	J	0.007	Y	SEMIVOLATILES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	86-73-7	Fluorene	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.1	mg/kg	TRG	U	U	0.1	N	SEMIVOLATILES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	129-00-0	Pyrene	0.027	mg/kg	TRG	U	UJ	0.027	N	SEMIVOLATILES	P
OUT_2BG	BH32				SO	22-Apr-05	0	0.5	BH32-A-(0-0.5)	REG	91-20-3	Naphthalene	0.027	mg/kg	TRG	U	UJ	0.027	N	VOLATILES	P
OUT_2BG	BH32				SO	12-Oct-10	0	1	BG0014	REG	10-00-4	% moisture	23.9	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	1.3	mg/kg	TRG			0.325	Y	EXPLOSIVES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	2.2	mg/kg	TRG			0.55	Y	EXPLOSIVES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.083	mg/kg	TRG	U	U	0.083	N	EXPLOSIVES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	2691-41-0	HMX	0.21	mg/kg	TRG	JP	J	0.0525	Y	EXPLOSIVES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.11	mg/kg	TRG	JPM	J	0.0275	Y	EXPLOSIVES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.083	mg/kg	TRG	U	U	0.083	N	EXPLOSIVES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.12	mg/kg	TRG	U	U	0.12	N	EXPLOSIVES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	121-82-4	RDX	0.54	mg/kg	TRG	P		0.135	Y	EXPLOSIVES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	479-45-8	Tetryl	0.083	mg/kg	TRG	U	UJ	0.083	N	EXPLOSIVES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.3	mg/kg	TRG	J	J	0.075	Y	EXPLOSIVES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	4.7	mg/kg	TRG			1.175	Y	EXPLOSIVES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	7439-92-1	Lead	128	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.0053	mg/kg	TRG	U	U	0.0053	N	PEST/PCB	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	1.5	mg/kg	TRG	D	J	0.375	Y	PEST/PCB	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	120-12-7	Anthracene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	218-01-9	Chrysene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	4.7	mg/kg	TRG			1.175	Y	SEMIVOLATILES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.86	mg/kg	TRG			0.215	Y	SEMIVOLATILES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	86-73-7	Fluorene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.092	mg/kg	TRG	U	U	0.092	N	SEMIVOLATILES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	129-00-0	Pyrene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH33				SO	22-Apr-05	0	0.5	BH33-A-(0-0.5)	REG	91-20-3	Naphthalene	0.025	mg/kg	TRG	U	UJ	0.025	N	VOLATILES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	1.8	mg/kg	TRG			0.45	Y	EXPLOSIVES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	1.9	mg/kg	TRG			0.475	Y	EXPLOSIVES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	2691-41-0	HMX	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.12	mg/kg	TRG	JPM	J	0.03	Y	EXPLOSIVES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.14	mg/kg	TRG	U	U	0.14	N	EXPLOSIVES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	121-82-4	RDX	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	479-45-8	Tetryl	0.091	mg/kg	TRG	U	UJ	0.091	N	EXPLOSIVES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.46	mg/kg	TRG			0.115	Y	EXPLOSIVES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	5.2	mg/kg	TRG			1.3	Y	EXPLOSIVES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	7439-92-1	Lead	341	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.0058	mg/kg	TRG	U	U	0.0058	N	PEST/PCB	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	3.1	mg/kg	TRG	D	J	0.775	Y	PEST/PCB	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.054	mg/kg	TRG	U	UJ	0.054	N	SEMIVOLATILES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.054	mg/kg	TRG	U	UJ	0.054	N	SEMIVOLATILES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	120-12-7	Anthracene	0.054	mg/kg	TRG	U	UJ	0.054	N	SEMIVOLATILES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.15	mg/kg	TRG		J	0.0375	Y	SEMIVOLATILES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.36	mg/kg	TRG		J	0.09	Y	SEMIVOLATILES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.53	mg/kg	TRG		J	0.1325	Y	SEMIVOLATILES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.27	mg/kg	TRG		J	0.0675	Y	SEMIVOLATILES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.37	mg/kg	TRG		J	0.0925	Y	SEMIVOLATILES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	218-01-9	Chrysene	0.29	mg/kg	TRG		J	0.0725	Y	SEMIVOLATILES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.054	mg/kg	TRG	U	UJ	0.054	N	SEMIVOLATILES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	2	mg/kg	TRG			0.5	Y	SEMIVOLATILES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.83	mg/kg	TRG			0.2075	Y	SEMIVOLATILES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.22	mg/kg	TRG		J	0.055	Y	SEMIVOLATILES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	86-73-7	Fluorene	0.054	mg/kg	TRG	U	UJ	0.054	N	SEMIVOLATILES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.23	mg/kg	TRG		J	0.0575	Y	SEMIVOLATILES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.054	mg/kg	TRG	U	UJ	0.054	N	SEMIVOLATILES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.1	mg/kg	TRG	U	U	0.1	N	SEMIVOLATILES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.1	mg/kg	TRG	J	J	0.025	Y	SEMIVOLATILES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	129-00-0	Pyrene	0.25	mg/kg	TRG		J	0.0625	Y	SEMIVOLATILES	P
OUT_2BG	BH34				SO	22-Apr-05	0	0.5	BH34-A-(0-0.5)	REG	91-20-3	Naphthalene	0.054	mg/kg	TRG	U	UJ	0.054	N	VOLATILES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	57-12-5	Cyanide, total	0.15	mg/kg	TRG	U	U	0.15	N	CYANIDE	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.14	mg/kg	TRG	U	U	0.14	N	EXPLOSIVES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	2691-41-0	HMX	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.14	mg/kg	TRG	U	U	0.14	N	EXPLOSIVES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	121-82-4	RDX	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	479-45-8	Tetryl	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7429-90-5	Aluminum	8950	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7440-36-0	Antimony	2.4	mg/kg	TRG	UN	UJ	2.4	N	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7440-38-2	Arsenic	5.8	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7440-39-3	Barium	96.1	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7440-41-7	Beryllium	0.52	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7440-43-9	Cadmium	0.44	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7440-70-2	Calcium	4030	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7440-47-3	Chromium	14.1	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7440-48-4	Cobalt	5.4	mg/kg	TRG	B	J	6.3	Y	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7440-50-8	Copper	35	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7439-89-6	Iron	15600	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7439-92-1	Lead	154	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7439-95-4	Magnesium	2100	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7439-96-5	Manganese	239	mg/kg	TRG	N*	J	50	Y	METALS	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7439-97-6	Mercury	5.50E-02	mg/kg	TRG			0.01375	Y	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7440-02-0	Nickel	18.7	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7440-09-7	Potassium	1230	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7782-49-2	Selenium	0.73	mg/kg	TRG	U	U	0.73	N	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7440-22-4	Silver	0.24	mg/kg	TRG	U	U	0.24	N	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7440-23-5	Sodium	245	mg/kg	TRG	U	U	245	N	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7440-28-0	Thallium	0.31	mg/kg	TRG	U	U	0.31	N	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7440-62-2	Vanadium	21	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	7440-66-6	Zinc	133	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.0099	mg/kg	TRG	U	U	0.0099	N	PEST/PCB	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	11096-82-5	Aroclor 1260	0.08	mg/kg	TRG			0.02	Y	PEST/PCB	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	83-32-9	Acenaphthene	0.024	mg/kg	TRG	U	U	0.024	N	SEMIVOLATILES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.024	mg/kg	TRG	U	U	0.024	N	SEMIVOLATILES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	120-12-7	Anthracene	0.024	mg/kg	TRG	U	U	0.024	N	SEMIVOLATILES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.024	mg/kg	TRG	U	U	0.024	N	SEMIVOLATILES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.024	mg/kg	TRG	U	U	0.024	N	SEMIVOLATILES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.024	mg/kg	TRG	U	U	0.024	N	SEMIVOLATILES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.024	mg/kg	TRG	U	U	0.024	N	SEMIVOLATILES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.024	mg/kg	TRG	U	U	0.024	N	SEMIVOLATILES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	218-01-9	Chrysene	0.024	mg/kg	TRG	U	U	0.024	N	SEMIVOLATILES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.024	mg/kg	TRG	U	U	0.024	N	SEMIVOLATILES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.12	mg/kg	TRG	U	U	0.12	N	SEMIVOLATILES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.12	mg/kg	TRG	U	U	0.12	N	SEMIVOLATILES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	206-44-0	Fluoranthene	0.024	mg/kg	TRG	U	U	0.024	N	SEMIVOLATILES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	86-73-7	Fluorene	0.024	mg/kg	TRG	U	U	0.024	N	SEMIVOLATILES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.024	mg/kg	TRG	U	U	0.024	N	SEMIVOLATILES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.024	mg/kg	TRG	U	U	0.024	N	SEMIVOLATILES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.1	mg/kg	TRG	U	U	0.1	N	SEMIVOLATILES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	85-01-8	Phenanthrene	0.024	mg/kg	TRG	U	U	0.024	N	SEMIVOLATILES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	129-00-0	Pyrene	0.045	mg/kg	TRG	J	J	0.01125	Y	SEMIVOLATILES	P
OUT_2BG	BH35				SO	6-Dec-05	0	0.5	BH35A-(0-0.5)	REG	91-20-3	Naphthalene	0.024	mg/kg	TRG	U	U	0.024	N	VOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	57-12-5	Cyanide, total	0.16	mg/kg	TRG	U	U	0.16	N	CYANIDE	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.13	mg/kg	TRG	U	U	0.13	N	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	2691-41-0	HMX	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.13	mg/kg	TRG	U	U	0.13	N	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	121-82-4	RDX	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	479-45-8	Tetryl	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.14	mg/kg	TRG	J	J	0.035	Y	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7429-90-5	Aluminum	9800	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7440-36-0	Antimony	2.5	mg/kg	TRG	UN	UJ	2.5	N	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7440-38-2	Arsenic	5.9	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7440-39-3	Barium	71.7	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7440-41-7	Beryllium	0.64	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7440-43-9	Cadmium	0.37	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7440-70-2	Calcium	3550	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7440-47-3	Chromium	12.9	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7440-48-4	Cobalt	5.9	mg/kg	TRG	B	J	6.3	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7440-50-8	Copper	19.5	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7439-89-6	Iron	15400	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7439-92-1	Lead	47.5	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7439-95-4	Magnesium	1430	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7439-96-5	Manganese	230	mg/kg	TRG	N*	J	50	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7439-97-6	Mercury	7.10E-02	mg/kg	TRG			0.01775	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7440-02-0	Nickel	17.4	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7440-09-7	Potassium	970	mg/kg	TRG	BN	J	600	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7782-49-2	Selenium	0.76	mg/kg	TRG	U	U	0.76	N	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7440-22-4	Silver	0.25	mg/kg	TRG	U	U	0.25	N	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7440-23-5	Sodium	254	mg/kg	TRG	U	U	254	N	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7440-28-0	Thallium	0.32	mg/kg	TRG	U	U	0.32	N	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7440-62-2	Vanadium	24.5	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	7440-66-6	Zinc	59	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.01	mg/kg	TRG	U	U	0.01	N	PEST/PCB	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	0.19	mg/kg	TRG			0.0475	Y	PEST/PCB	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	120-12-7	Anthracene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	218-01-9	Chrysene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.11	mg/kg	TRG	U	U	0.11	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.11	mg/kg	TRG	U	U	0.11	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	86-73-7	Fluorene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.096	mg/kg	TRG	U	U	0.096	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	129-00-0	Pyrene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-A-(0-0.5)	REG	91-20-3	Naphthalene	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	57-12-5	Cyanide, total	0.16	mg/kg	TRG	U	U	0.16	N	CYANIDE	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.15	mg/kg	TRG	U	U	0.15	N	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	99-65-0	Dinitrobenzene, 1,3-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	2691-41-0	HMX	0.82	mg/kg	TRG			0.205	Y	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	88-72-2	Nitrotoluene, 2-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	99-08-1	Nitrotoluene, 3-	0.15	mg/kg	TRG	U	U	0.15	N	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	99-99-0	Nitrotoluene, 4-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	121-82-4	RDX	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	479-45-8	Tetryl	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	99-35-4	Trinitrobenzene, 1,3,5-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	118-96-7	Trinitrotoluene, 2,4,6-	0.14	mg/kg	TRG	J	J	0.035	Y	EXPLOSIVES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7429-90-5	Aluminum	10100	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7440-36-0	Antimony	2.6	mg/kg	TRG	UN	UJ	2.6	N	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7440-38-2	Arsenic	6	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7440-39-3	Barium	73.8	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7440-41-7	Beryllium	0.65	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7440-43-9	Cadmium	0.39	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7440-70-2	Calcium	3470	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7440-47-3	Chromium	13.5	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7440-48-4	Cobalt	6.1	mg/kg	TRG	B	J	6.3	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7440-50-8	Copper	20.7	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7439-89-6	Iron	15800	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7439-92-1	Lead	57.3	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7439-95-4	Magnesium	1520	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7439-96-5	Manganese	229	mg/kg	TRG	N*	J	50	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7439-97-6	Mercury	0.13	mg/kg	TRG			0.0325	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7440-02-0	Nickel	18.5	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7440-09-7	Potassium	977	mg/kg	TRG	BN	J	600	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7782-49-2	Selenium	0.77	mg/kg	TRG	U	U	0.77	N	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7440-22-4	Silver	0.26	mg/kg	TRG	U	U	0.26	N	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7440-23-5	Sodium	256	mg/kg	TRG	U	U	256	N	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7440-28-0	Thallium	0.32	mg/kg	TRG	U	U	0.32	N	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7440-62-2	Vanadium	25.1	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	7440-66-6	Zinc	63.5	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	12674-11-2	Aroclor 1016	0.01	mg/kg	TRG	U	U	0.01	N	PEST/PCB	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	11096-82-5	Aroclor 1260	0.21	mg/kg	TRG			0.0525	Y	PEST/PCB	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	83-32-9	Acenaphthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	208-96-8	Acenaphthylene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	120-12-7	Anthracene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	56-55-3	Benzo(a)anthracene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	50-32-8	Benzo(a)pyrene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	205-99-2	Benzo(b)fluoranthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	191-24-2	Benzo(ghi)perylene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	207-08-9	Benzo(k)fluoranthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	218-01-9	Chrysene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	53-70-3	Dibenz(a,h)anthracene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	121-14-2	Dinitrotoluene, 2,4-	0.13	mg/kg	TRG	U	U	0.13	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	606-20-2	Dinitrotoluene, 2,6-	0.13	mg/kg	TRG	U	U	0.13	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	206-44-0	Fluoranthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	86-73-7	Fluorene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	193-39-5	Indeno(1,2,3-cd)pyrene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	91-57-6	Methylnaphthalene, 2-	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	98-95-3	Nitrobenzene	0.11	mg/kg	TRG	U	U	0.11	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	85-01-8	Phenanthrene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	129-00-0	Pyrene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH36				SO	7-Dec-05	0	0.5	BH36-D-(0-0.5)	FD	91-20-3	Naphthalene	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	P
OUT_2BG	BH36				SO	12-Oct-10	0	1	BG0002	REG	10-00-4	% moisture	19.5	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	57-12-5	Cyanide, total	0.29	mg/kg	TRG	B	J	0.0725	Y	CYANIDE	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.76	mg/kg	TRG	P	J	0.19	Y	EXPLOSIVES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	2691-41-0	HMX	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.15	mg/kg	TRG	U	U	0.15	N	EXPLOSIVES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	121-82-4	RDX	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	479-45-8	Tetryl	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.22	mg/kg	TRG	J	J	0.055	Y	EXPLOSIVES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	2.9	mg/kg	TRG			0.725	Y	EXPLOSIVES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7429-90-5	Aluminum	9360	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7440-36-0	Antimony	2.6	mg/kg	TRG	UN	UJ	2.6	N	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7440-38-2	Arsenic	6.9	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7440-39-3	Barium	64.8	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7440-41-7	Beryllium	0.61	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7440-43-9	Cadmium	0.26	mg/kg	TRG	U	U	0.26	N	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7440-70-2	Calcium	2320	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7440-47-3	Chromium	11.1	mg/kg	TRG			0.5	Y	METALS	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7440-48-4	Cobalt	4.6	mg/kg	TRG	B	J	6.3	Y	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7440-50-8	Copper	14.5	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7439-89-6	Iron	13000	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7439-92-1	Lead	27.6	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7439-95-4	Magnesium	993	mg/kg	TRG	B	J	50	Y	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7439-96-5	Manganese	188	mg/kg	TRG	N*	J	50	Y	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7439-97-6	Mercury	0.21	mg/kg	TRG			0.0525	Y	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7440-02-0	Nickel	13.4	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7440-09-7	Potassium	598	mg/kg	TRG	BN	J	600	Y	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7782-49-2	Selenium	0.77	mg/kg	TRG	U	U	0.77	N	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7440-22-4	Silver	0.26	mg/kg	TRG	U	U	0.26	N	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7440-23-5	Sodium	255	mg/kg	TRG	U	U	255	N	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7440-28-0	Thallium	0.32	mg/kg	TRG	U	U	0.32	N	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7440-62-2	Vanadium	20.8	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	7440-66-6	Zinc	35.7	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.053	mg/kg	TRG	U	U	0.053	N	PEST/PCB	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	11096-82-5	Aroclor 1260	1.1	mg/kg	TRG	D		0.275	Y	PEST/PCB	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	83-32-9	Acenaphthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	120-12-7	Anthracene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	218-01-9	Chrysene	0.052	mg/kg	TRG	J	J	0.013	Y	SEMIVOLATILES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	1.1	mg/kg	TRG			0.275	Y	SEMIVOLATILES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.27	mg/kg	TRG	JP	J	0.0675	Y	SEMIVOLATILES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	206-44-0	Fluoranthene	0.061	mg/kg	TRG	J	J	0.01525	Y	SEMIVOLATILES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	86-73-7	Fluorene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.11	mg/kg	TRG	U	U	0.11	N	SEMIVOLATILES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	85-01-8	Phenanthrene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	129-00-0	Pyrene	0.041	mg/kg	TRG	J	J	0.01025	Y	SEMIVOLATILES	P
OUT_2BG	BH37				SO	6-Dec-05	0	0.5	BH37A-(0-0.5)	REG	91-20-3	Naphthalene	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	P
OUT_2BG	BH37				SO	12-Oct-10	0	1	BG0003	REG	10-00-4	% moisture	18.3	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH37				SO	12-Oct-10	0	1	BG0004	FD	10-00-4	% moisture	18	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	57-12-5	Cyanide, total	0.32	mg/kg	TRG	B	J	0.08	Y	CYANIDE	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.14	mg/kg	TRG	U	U	0.14	N	EXPLOSIVES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	2691-41-0	HMX	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.14	mg/kg	TRG	U	U	0.14	N	EXPLOSIVES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	121-82-4	RDX	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	479-45-8	Tetryl	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	1.1	mg/kg	TRG			0.275	Y	EXPLOSIVES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7429-90-5	Aluminum	10500	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7440-36-0	Antimony	2.6	mg/kg	TRG	UN	UJ	2.6	N	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7440-38-2	Arsenic	8	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7440-39-3	Barium	101	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7440-41-7	Beryllium	0.58	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7440-43-9	Cadmium	0.68	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7440-70-2	Calcium	7020	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7440-47-3	Chromium	16.2	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7440-48-4	Cobalt	7.3	mg/kg	TRG	B	J	6.3	Y	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7440-50-8	Copper	42.4	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7439-89-6	Iron	20000	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7439-92-1	Lead	259	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7439-95-4	Magnesium	4110	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7439-96-5	Manganese	356	mg/kg	TRG	N*	J	50	Y	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7439-97-6	Mercury	8.30E-02	mg/kg	TRG			0.02075	Y	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7440-02-0	Nickel	22.3	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7440-09-7	Potassium	1640	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7782-49-2	Selenium	0.78	mg/kg	TRG	U	U	0.78	N	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7440-22-4	Silver	0.26	mg/kg	TRG	U	U	0.26	N	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7440-23-5	Sodium	261	mg/kg	TRG	U	U	261	N	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7440-28-0	Thallium	0.33	mg/kg	TRG	U	U	0.33	N	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7440-62-2	Vanadium	22.7	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	7440-66-6	Zinc	158	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.054	mg/kg	TRG	U	U	0.054	N	PEST/PCB	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	0.68	mg/kg	TRG	D		0.17	Y	PEST/PCB	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	120-12-7	Anthracene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	218-01-9	Chrysene	0.048	mg/kg	TRG	J	J	0.012	Y	SEMIVOLATILES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.24	mg/kg	TRG	J	J	0.06	Y	SEMIVOLATILES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.12	mg/kg	TRG	U	U	0.12	N	SEMIVOLATILES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	86-73-7	Fluorene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.1	mg/kg	TRG	U	U	0.1	N	SEMIVOLATILES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	129-00-0	Pyrene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH38				SO	6-Dec-05	0	0.5	BH38-A-(0-0.5)	REG	91-20-3	Naphthalene	0.026	mg/kg	TRG	U	U	0.026	N	VOLATILES	P
OUT_2BG	BH38				SO	12-Oct-10	0	1	BG0009	REG	10-00-4	% moisture	19.3	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	57-12-5	Cyanide, total	0.24	mg/kg	TRG	B	J	0.06	Y	CYANIDE	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	1.4	mg/kg	TRG			0.35	Y	EXPLOSIVES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	2691-41-0	HMX	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.15	mg/kg	TRG	U	U	0.15	N	EXPLOSIVES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	121-82-4	RDX	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	479-45-8	Tetryl	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.47	mg/kg	TRG	J	J	0.1175	Y	EXPLOSIVES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	10	mg/kg	TRG			2.5	Y	EXPLOSIVES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7429-90-5	Aluminum	10600	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7440-36-0	Antimony	2.6	mg/kg	TRG	UN	UJ	2.6	N	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7440-38-2	Arsenic	8.2	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7440-39-3	Barium	144	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7440-41-7	Beryllium	0.58	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7440-43-9	Cadmium	0.63	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7440-70-2	Calcium	5360	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7440-47-3	Chromium	22	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7440-48-4	Cobalt	7.4	mg/kg	TRG	B	J	6.3	Y	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7440-50-8	Copper	534	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7439-89-6	Iron	28500	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7439-92-1	Lead	225	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7439-95-4	Magnesium	3840	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7439-96-5	Manganese	351	mg/kg	TRG	N*	J	50	Y	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7439-97-6	Mercury	7.30E-02	mg/kg	TRG			0.01825	Y	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7440-02-0	Nickel	29.1	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7440-09-7	Potassium	1490	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7782-49-2	Selenium	0.78	mg/kg	TRG	U	U	0.78	N	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7440-22-4	Silver	0.26	mg/kg	TRG	U	U	0.26	N	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7440-23-5	Sodium	258	mg/kg	TRG	U	U	258	N	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7440-28-0	Thallium	0.32	mg/kg	TRG	U	U	0.32	N	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7440-62-2	Vanadium	23.4	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	7440-66-6	Zinc	498	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.1	mg/kg	TRG	U	U	0.1	N	PEST/PCB	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	2.1	mg/kg	TRG	D		0.525	Y	PEST/PCB	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	120-12-7	Anthracene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	218-01-9	Chrysene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	1.7	mg/kg	TRG			0.425	Y	SEMIVOLATILES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.64	mg/kg	TRG			0.16	Y	SEMIVOLATILES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.074	mg/kg	TRG			0.0185	Y	SEMIVOLATILES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	86-73-7	Fluorene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.04	mg/kg	TRG	J	J	0.01	Y	SEMIVOLATILES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.11	mg/kg	TRG	U	U	0.11	N	SEMIVOLATILES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.059	mg/kg	TRG	J	J	0.01475	Y	SEMIVOLATILES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	129-00-0	Pyrene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH39				SO	6-Dec-05	0	0.5	BH39-A-(0-0.5)	REG	91-20-3	Naphthalene	0.026	mg/kg	TRG	U	U	0.026	N	VOLATILES	P
OUT_2BG	BH39				SO	12-Oct-10	0	1	BG0007	REG	10-00-4	% moisture	24.5	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	57-12-5	Cyanide, total	0.17	mg/kg	TRG	B	J	0.0425	Y	CYANIDE	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.15	mg/kg	TRG	U	U	0.15	N	EXPLOSIVES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	2691-41-0	HMX	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.15	mg/kg	TRG	U	U	0.15	N	EXPLOSIVES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	121-82-4	RDX	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	479-45-8	Tetryl	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7429-90-5	Aluminum	13300	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7440-36-0	Antimony	2.8	mg/kg	TRG	UN	UJ	2.8	N	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7440-38-2	Arsenic	7.8	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7440-39-3	Barium	93	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7440-41-7	Beryllium	0.73	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7440-43-9	Cadmium	0.56	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7440-70-2	Calcium	6230	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7440-47-3	Chromium	17.6	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7440-48-4	Cobalt	6.7	mg/kg	TRG	B	J	6.3	Y	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7440-50-8	Copper	25.8	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7439-89-6	Iron	20700	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7439-92-1	Lead	23.4	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7439-95-4	Magnesium	3040	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7439-96-5	Manganese	241	mg/kg	TRG	N*	J	50	Y	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7439-97-6	Mercury	0.16	mg/kg	TRG			0.04	Y	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7440-02-0	Nickel	20.6	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7440-09-7	Potassium	2100	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7782-49-2	Selenium	0.83	mg/kg	TRG	U	U	0.83	N	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7440-22-4	Silver	0.28	mg/kg	TRG	U	U	0.28	N	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7440-23-5	Sodium	278	mg/kg	TRG	U	U	278	N	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7440-28-0	Thallium	0.35	mg/kg	TRG	U	U	0.35	N	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7440-62-2	Vanadium	26.4	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	7440-66-6	Zinc	70.7	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.012	mg/kg	TRG	U	U	0.012	N	PEST/PCB	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	0.015	mg/kg	TRG	J	J	0.00375	Y	PEST/PCB	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.028	mg/kg	TRG	U	UJ	0.028	N	SEMIVOLATILES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.028	mg/kg	TRG	U	UJ	0.028	N	SEMIVOLATILES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	120-12-7	Anthracene	0.028	mg/kg	TRG	U	UJ	0.028	N	SEMIVOLATILES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.028	mg/kg	TRG	U	UJ	0.028	N	SEMIVOLATILES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.028	mg/kg	TRG	U	UJ	0.028	N	SEMIVOLATILES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.028	mg/kg	TRG	U	UJ	0.028	N	SEMIVOLATILES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.028	mg/kg	TRG	U	UJ	0.028	N	SEMIVOLATILES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.028	mg/kg	TRG	U	UJ	0.028	N	SEMIVOLATILES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	218-01-9	Chrysene	0.028	mg/kg	TRG	U	UJ	0.028	N	SEMIVOLATILES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.028	mg/kg	TRG	U	UJ	0.028	N	SEMIVOLATILES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.13	mg/kg	TRG	U	U	0.13	N	SEMIVOLATILES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.13	mg/kg	TRG	U	U	0.13	N	SEMIVOLATILES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.028	mg/kg	TRG	U	UJ	0.028	N	SEMIVOLATILES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	86-73-7	Fluorene	0.028	mg/kg	TRG	U	UJ	0.028	N	SEMIVOLATILES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.028	mg/kg	TRG	U	UJ	0.028	N	SEMIVOLATILES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.028	mg/kg	TRG	U	UJ	0.028	N	SEMIVOLATILES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.11	mg/kg	TRG	U	U	0.11	N	SEMIVOLATILES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.028	mg/kg	TRG	U	UJ	0.028	N	SEMIVOLATILES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	129-00-0	Pyrene	0.028	mg/kg	TRG	U	UJ	0.028	N	SEMIVOLATILES	P
OUT_2BG	BH40				SO	7-Dec-05	0	0.5	BH40-A-(0-0.5)	REG	91-20-3	Naphthalene	0.028	mg/kg	TRG	U	UJ	0.028	N	VOLATILES	P
OUT_2BG	BH40				SO	12-Oct-10	0	1	BG0017	REG	10-00-4	% moisture	24.9	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	57-12-5	Cyanide, total	0.17	mg/kg	TRG	U	U	0.17	N	CYANIDE	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.15	mg/kg	TRG	U	U	0.15	N	EXPLOSIVES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	2691-41-0	HMX	0.15	mg/kg	TRG	JP	J	0.0375	Y	EXPLOSIVES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.15	mg/kg	TRG	U	U	0.15	N	EXPLOSIVES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	121-82-4	RDX	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	479-45-8	Tetryl	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7429-90-5	Aluminum	13100	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7440-36-0	Antimony	2.7	mg/kg	TRG	UN	UJ	2.7	N	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7440-38-2	Arsenic	8.4	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7440-39-3	Barium	89.5	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7440-41-7	Beryllium	0.72	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7440-43-9	Cadmium	0.47	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7440-70-2	Calcium	4600	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7440-47-3	Chromium	17.6	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7440-48-4	Cobalt	6.6	mg/kg	TRG	B	J	6.3	Y	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7440-50-8	Copper	23.4	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7439-89-6	Iron	21700	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7439-92-1	Lead	21.1	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7439-95-4	Magnesium	2990	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7439-96-5	Manganese	235	mg/kg	TRG	N*	J	50	Y	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7439-97-6	Mercury	0.12	mg/kg	TRG			0.03	Y	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7440-02-0	Nickel	20.6	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7440-09-7	Potassium	1870	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7782-49-2	Selenium	0.8	mg/kg	TRG	U	U	0.8	N	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7440-22-4	Silver	0.27	mg/kg	TRG	U	U	0.27	N	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7440-23-5	Sodium	266	mg/kg	TRG	U	U	266	N	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7440-28-0	Thallium	0.33	mg/kg	TRG	U	U	0.33	N	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7440-62-2	Vanadium	27	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	7440-66-6	Zinc	73.1	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.011	mg/kg	TRG	U	U	0.011	N	PEST/PCB	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	0.013	mg/kg	TRG	J	J	0.00325	Y	PEST/PCB	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	120-12-7	Anthracene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	218-01-9	Chrysene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.13	mg/kg	TRG	U	U	0.13	N	SEMIVOLATILES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.13	mg/kg	TRG	U	U	0.13	N	SEMIVOLATILES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	86-73-7	Fluorene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.11	mg/kg	TRG	U	U	0.11	N	SEMIVOLATILES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	129-00-0	Pyrene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH41				SO	7-Dec-05	0	0.5	BH41-A-(0-0.5)	REG	91-20-3	Naphthalene	0.026	mg/kg	TRG	U	U	0.026	N	VOLATILES	P
OUT_2BG	BH41				SO	12-Oct-10	0	1	BG0019	REG	10-00-4	% moisture	25.3	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	57-12-5	Cyanide, total	0.32	mg/kg	TRG			0.08	Y	CYANIDE	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	27	mg/kg	TRG			6.75	Y	EXPLOSIVES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	26	mg/kg	TRG			6.5	Y	EXPLOSIVES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	2691-41-0	HMX	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	2	mg/kg	TRG			0.5	Y	EXPLOSIVES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.14	mg/kg	TRG	U	U	0.14	N	EXPLOSIVES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	121-82-4	RDX	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	479-45-8	Tetryl	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	6.2	mg/kg	TRG			1.55	Y	EXPLOSIVES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	110	mg/kg	TRG	D		27.5	Y	EXPLOSIVES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7429-90-5	Aluminum	9780	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7440-36-0	Antimony	2.6	mg/kg	TRG	UN	U	2.6	N	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7440-38-2	Arsenic	6.5	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7440-39-3	Barium	101	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7440-41-7	Beryllium	0.53	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7440-43-9	Cadmium	0.52	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7440-70-2	Calcium	16900	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7440-47-3	Chromium	14.3	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7440-48-4	Cobalt	5.4	mg/kg	TRG	B	J	6.3	Y	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7440-50-8	Copper	30.1	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7439-89-6	Iron	17000	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7439-92-1	Lead	204	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7439-95-4	Magnesium	2910	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7439-96-5	Manganese	275	mg/kg	TRG	N*		50	Y	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7439-97-6	Mercury	9.10E-02	mg/kg	TRG			0.02275	Y	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7440-02-0	Nickel	18.2	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7440-09-7	Potassium	1240	mg/kg	TRG	BN	J	600	Y	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7782-49-2	Selenium	0.77	mg/kg	TRG	U	U	0.77	N	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7440-22-4	Silver	0.26	mg/kg	TRG	U	U	0.26	N	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7440-23-5	Sodium	256	mg/kg	TRG	U	U	256	N	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7440-28-0	Thallium	0.32	mg/kg	TRG	U	U	0.32	N	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7440-62-2	Vanadium	21.5	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	7440-66-6	Zinc	93.6	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.1	mg/kg	TRG	U	U	0.1	N	PEST/PCB	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	1.1	mg/kg	TRG	D		0.275	Y	PEST/PCB	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	120-12-7	Anthracene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	218-01-9	Chrysene	0.034	mg/kg	TRG	J	J	0.0085	Y	SEMIVOLATILES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	200	mg/kg	TRG	D		50	Y	SEMIVOLATILES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	78	mg/kg	TRG			19.5	Y	SEMIVOLATILES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	86-73-7	Fluorene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.1	mg/kg	TRG	U	U	0.1	N	SEMIVOLATILES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.03	mg/kg	TRG	J	J	0.0075	Y	SEMIVOLATILES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	129-00-0	Pyrene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH42				SO	7-Dec-05	0	0.5	BH42-A-(0-0.5)	REG	91-20-3	Naphthalene	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	57-12-5	Cyanide, total	0.2	mg/kg	TRG	B	J	0.05	Y	CYANIDE	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.26	mg/kg	TRG	J	J	0.065	Y	EXPLOSIVES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.25	mg/kg	TRG	J	J	0.0625	Y	EXPLOSIVES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	2691-41-0	HMX	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.14	mg/kg	TRG	U	U	0.14	N	EXPLOSIVES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	121-82-4	RDX	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	479-45-8	Tetryl	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.62	mg/kg	TRG			0.155	Y	EXPLOSIVES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7429-90-5	Aluminum	11000	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7440-36-0	Antimony	2.5	mg/kg	TRG	UN	UJ	2.5	N	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7440-38-2	Arsenic	6.1	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7440-39-3	Barium	84.1	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7440-41-7	Beryllium	0.56	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7440-43-9	Cadmium	0.37	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7440-70-2	Calcium	4010	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7440-47-3	Chromium	15	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7440-48-4	Cobalt	5.3	mg/kg	TRG	B	J	6.3	Y	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7440-50-8	Copper	22.7	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7439-89-6	Iron	16900	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7439-92-1	Lead	107	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7439-95-4	Magnesium	2070	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7439-96-5	Manganese	246	mg/kg	TRG	N*	J	50	Y	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7439-97-6	Mercury	0.22	mg/kg	TRG			0.055	Y	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7440-02-0	Nickel	16.8	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7440-09-7	Potassium	1050	mg/kg	TRG	BN	J	600	Y	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7782-49-2	Selenium	0.76	mg/kg	TRG	U	U	0.76	N	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7440-22-4	Silver	0.25	mg/kg	TRG	U	U	0.25	N	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7440-23-5	Sodium	253	mg/kg	TRG	U	U	253	N	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7440-28-0	Thallium	0.32	mg/kg	TRG	U	U	0.32	N	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7440-62-2	Vanadium	23.8	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	7440-66-6	Zinc	87.2	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	0.39	mg/kg	TRG	D		0.0975	Y	PEST/PCB	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	120-12-7	Anthracene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	218-01-9	Chrysene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.3	mg/kg	TRG	J	J	0.075	Y	SEMIVOLATILES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.12	mg/kg	TRG	U	U	0.12	N	SEMIVOLATILES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.046	mg/kg	TRG	J	J	0.0115	Y	SEMIVOLATILES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	86-73-7	Fluorene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.1	mg/kg	TRG	U	U	0.1	N	SEMIVOLATILES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.043	mg/kg	TRG	J	J	0.01075	Y	SEMIVOLATILES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	129-00-0	Pyrene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH43				SO	7-Dec-05	0	0.5	BH43-A-(0-0.5)	REG	91-20-3	Naphthalene	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	P
OUT_2BG	BH43				SO	12-Oct-10	0	1	BG0023	REG	10-00-4	% moisture	19.5	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	57-12-5	Cyanide, total	0.28	mg/kg	TRG	B	J	0.07	Y	CYANIDE	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.85	mg/kg	TRG			0.2125	Y	EXPLOSIVES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.81	mg/kg	TRG			0.2025	Y	EXPLOSIVES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	2691-41-0	HMX	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.14	mg/kg	TRG	U	U	0.14	N	EXPLOSIVES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	121-82-4	RDX	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	479-45-8	Tetryl	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.41	mg/kg	TRG	J	J	0.1025	Y	EXPLOSIVES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	2	mg/kg	TRG			0.5	Y	EXPLOSIVES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7429-90-5	Aluminum	9890	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7440-36-0	Antimony	2.6	mg/kg	TRG	UN	UJ	2.6	N	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7440-38-2	Arsenic	8.5	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7440-39-3	Barium	128	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7440-41-7	Beryllium	0.62	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7440-43-9	Cadmium	0.62	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7440-70-2	Calcium	4940	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7440-47-3	Chromium	17.4	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7440-48-4	Cobalt	6.7	mg/kg	TRG	B	J	6.3	Y	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7440-50-8	Copper	61.8	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7439-89-6	Iron	19600	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7439-92-1	Lead	330	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7439-95-4	Magnesium	2610	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7439-96-5	Manganese	245	mg/kg	TRG	N*	J	50	Y	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7439-97-6	Mercury	0.14	mg/kg	TRG			0.035	Y	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7440-02-0	Nickel	24	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7440-09-7	Potassium	1390	mg/kg	TRG	N	J	600	Y	METALS	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7782-49-2	Selenium	0.78	mg/kg	TRG	U	U	0.78	N	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7440-22-4	Silver	0.26	mg/kg	TRG	U	U	0.26	N	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7440-23-5	Sodium	262	mg/kg	TRG	U	U	262	N	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7440-28-0	Thallium	0.33	mg/kg	TRG	U	U	0.33	N	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7440-62-2	Vanadium	24.1	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	7440-66-6	Zinc	228	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.052	mg/kg	TRG	U	U	0.052	N	PEST/PCB	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	0.99	mg/kg	TRG	D		0.2475	Y	PEST/PCB	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	120-12-7	Anthracene	0.03	mg/kg	TRG	J	J	0.0075	Y	SEMIVOLATILES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.11	mg/kg	TRG			0.0275	Y	SEMIVOLATILES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.16	mg/kg	TRG			0.04	Y	SEMIVOLATILES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.088	mg/kg	TRG			0.022	Y	SEMIVOLATILES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	218-01-9	Chrysene	0.18	mg/kg	TRG			0.045	Y	SEMIVOLATILES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.9	mg/kg	TRG			0.225	Y	SEMIVOLATILES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.3	mg/kg	TRG	J	J	0.075	Y	SEMIVOLATILES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.19	mg/kg	TRG			0.0475	Y	SEMIVOLATILES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	86-73-7	Fluorene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.099	mg/kg	TRG			0.02475	Y	SEMIVOLATILES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.036	mg/kg	TRG	J	J	0.009	Y	SEMIVOLATILES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.1	mg/kg	TRG	U	U	0.1	N	SEMIVOLATILES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.13	mg/kg	TRG			0.0325	Y	SEMIVOLATILES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	129-00-0	Pyrene	0.15	mg/kg	TRG			0.0375	Y	SEMIVOLATILES	P
OUT_2BG	BH44				SO	7-Dec-05	0	0.5	BH44-A-(0-0.5)	REG	91-20-3	Naphthalene	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	P
OUT_2BG	BH44				SO	12-Oct-10	0	1	BG0020	REG	10-00-4	% moisture	19.5	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	57-12-5	Cyanide, total	0.16	mg/kg	TRG	U	U	0.16	N	CYANIDE	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	3.6	mg/kg	TRG			0.9	Y	EXPLOSIVES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	3.1	mg/kg	TRG			0.775	Y	EXPLOSIVES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.18	mg/kg	TRG	J	J	0.045	Y	EXPLOSIVES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	2691-41-0	HMX	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.13	mg/kg	TRG	JP	J	0.0325	Y	EXPLOSIVES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.14	mg/kg	TRG	U	U	0.14	N	EXPLOSIVES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	121-82-4	RDX	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	479-45-8	Tetryl	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.98	mg/kg	TRG			0.245	Y	EXPLOSIVES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	9.2	mg/kg	TRG			2.3	Y	EXPLOSIVES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7429-90-5	Aluminum	9350	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7440-36-0	Antimony	2.5	mg/kg	TRG	UN	UJ	2.5	N	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7440-38-2	Arsenic	7.3	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7440-39-3	Barium	153	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7440-41-7	Beryllium	0.59	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7440-43-9	Cadmium	0.59	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7440-70-2	Calcium	4170	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7440-47-3	Chromium	17.3	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7440-48-4	Cobalt	6.4	mg/kg	TRG	B	J	6.3	Y	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7440-50-8	Copper	65.4	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7439-89-6	Iron	16900	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7439-92-1	Lead	505	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7439-95-4	Magnesium	2300	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7439-96-5	Manganese	275	mg/kg	TRG	N*	J	50	Y	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7439-97-6	Mercury	0.12	mg/kg	TRG			0.03	Y	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7440-02-0	Nickel	24.4	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7440-09-7	Potassium	1150	mg/kg	TRG	BN	J	600	Y	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7782-49-2	Selenium	0.76	mg/kg	TRG	U	U	0.76	N	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7440-22-4	Silver	0.25	mg/kg	TRG	U	U	0.25	N	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7440-23-5	Sodium	402	mg/kg	TRG	B	J	646	Y	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7440-28-0	Thallium	0.32	mg/kg	TRG	U	U	0.32	N	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7440-62-2	Vanadium	23.4	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	7440-66-6	Zinc	231	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.21	mg/kg	TRG	U	U	0.21	N	PEST/PCB	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	2.2	mg/kg	TRG	D		0.55	Y	PEST/PCB	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	120-12-7	Anthracene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.051	mg/kg	TRG	J	J	0.01275	Y	SEMIVOLATILES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.064	mg/kg	TRG			0.016	Y	SEMIVOLATILES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.2	mg/kg	TRG			0.05	Y	SEMIVOLATILES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.044	mg/kg	TRG	J	J	0.011	Y	SEMIVOLATILES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.07	mg/kg	TRG			0.0175	Y	SEMIVOLATILES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	218-01-9	Chrysene	0.089	mg/kg	TRG			0.02225	Y	SEMIVOLATILES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	2.9	mg/kg	TRG			0.725	Y	SEMIVOLATILES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	1.3	mg/kg	TRG			0.325	Y	SEMIVOLATILES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.099	mg/kg	TRG			0.02475	Y	SEMIVOLATILES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	86-73-7	Fluorene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.1	mg/kg	TRG	U	U	0.1	N	SEMIVOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.074	mg/kg	TRG			0.0185	Y	SEMIVOLATILES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	129-00-0	Pyrene	0.074	mg/kg	TRG			0.0185	Y	SEMIVOLATILES	P
OUT_2BG	BH45				SO	7-Dec-05	0	0.5	BH45-A-(0-0.5)	REG	91-20-3	Naphthalene	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	P
OUT_2BG	BH45				SO	12-Oct-10	0	1	BG0025	REG	10-00-4	% moisture	20.7	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	57-12-5	Cyanide, total	0.39	mg/kg	TRG			0.0975	Y	CYANIDE	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	1.6	mg/kg	TRG			0.4	Y	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	2.2	mg/kg	TRG			0.55	Y	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.12	mg/kg	TRG	J	J	0.03	Y	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	2691-41-0	HMX	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.55	mg/kg	TRG	P	J	0.1375	Y	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.14	mg/kg	TRG	U	U	0.14	N	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	121-82-4	RDX	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	479-45-8	Tetryl	0.091	mg/kg	TRG	U	U	0.091	N	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.54	mg/kg	TRG			0.135	Y	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	3.3	mg/kg	TRG			0.825	Y	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7429-90-5	Aluminum	10300	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7440-36-0	Antimony	2.6	mg/kg	TRG	UN	UJ	2.6	N	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7440-38-2	Arsenic	7.3	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7440-39-3	Barium	106	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7440-41-7	Beryllium	0.67	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7440-43-9	Cadmium	0.55	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7440-70-2	Calcium	4220	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7440-47-3	Chromium	16.8	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7440-48-4	Cobalt	6.9	mg/kg	TRG	B	J	6.3	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7440-50-8	Copper	37.7	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7439-89-6	Iron	16900	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7439-92-1	Lead	257	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7439-95-4	Magnesium	2250	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7439-96-5	Manganese	250	mg/kg	TRG	N*	J	50	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7439-97-6	Mercury	9.10E-02	mg/kg	TRG			0.02275	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7440-02-0	Nickel	23.1	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7440-09-7	Potassium	1370	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7782-49-2	Selenium	0.78	mg/kg	TRG	U	U	0.78	N	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7440-22-4	Silver	0.26	mg/kg	TRG	U	U	0.26	N	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7440-23-5	Sodium	260	mg/kg	TRG	U	U	260	N	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7440-28-0	Thallium	0.33	mg/kg	TRG	U	U	0.33	N	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7440-62-2	Vanadium	24	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	7440-66-6	Zinc	173	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.053	mg/kg	TRG	U	U	0.053	N	PEST/PCB	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	0.82	mg/kg	TRG	D		0.205	Y	PEST/PCB	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	120-12-7	Anthracene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.088	mg/kg	TRG			0.022	Y	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.14	mg/kg	TRG			0.035	Y	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.12	mg/kg	TRG			0.03	Y	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	218-01-9	Chrysene	0.14	mg/kg	TRG			0.035	Y	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	1.4	mg/kg	TRG			0.35	Y	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.68	mg/kg	TRG			0.17	Y	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.14	mg/kg	TRG			0.035	Y	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	86-73-7	Fluorene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.1	mg/kg	TRG	U	U	0.1	N	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.043	mg/kg	TRG	J	J	0.01075	Y	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	129-00-0	Pyrene	0.17	mg/kg	TRG			0.0425	Y	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-A-(0-0.5)	REG	91-20-3	Naphthalene	0.026	mg/kg	TRG	U	U	0.026	N	VOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	57-12-5	Cyanide, total	0.58	mg/kg	TRG			0.145	Y	CYANIDE	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	19406-51-0	Amino-2,6-dinitrotoluene, 4-	1.2	mg/kg	TRG			0.3	Y	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	35572-78-2	Amino-4,6-dinitrotoluene, 2-	1.6	mg/kg	TRG			0.4	Y	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	99-65-0	Dinitrobenzene, 1,3-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	2691-41-0	HMX	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	88-72-2	Nitrotoluene, 2-	0.18	mg/kg	TRG	J	J	0.045	Y	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	99-08-1	Nitrotoluene, 3-	0.14	mg/kg	TRG	U	U	0.14	N	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	99-99-0	Nitrotoluene, 4-	0.26	mg/kg	TRG	J	J	0.065	Y	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	121-82-4	RDX	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	479-45-8	Tetryl	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	99-35-4	Trinitrobenzene, 1,3,5-	0.36	mg/kg	TRG	J	J	0.09	Y	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	118-96-7	Trinitrotoluene, 2,4,6-	1.8	mg/kg	TRG			0.45	Y	EXPLOSIVES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7429-90-5	Aluminum	11800	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7440-36-0	Antimony	2.6	mg/kg	TRG	UN	UJ	2.6	N	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7440-38-2	Arsenic	9	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7440-39-3	Barium	133	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7440-41-7	Beryllium	0.7	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7440-43-9	Cadmium	0.58	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7440-70-2	Calcium	18100	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7440-47-3	Chromium	19.3	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7440-48-4	Cobalt	8.3	mg/kg	TRG	B	J	6.3	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7440-50-8	Copper	49.6	mg/kg	TRG			10	Y	METALS	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7439-89-6	Iron	20400	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7439-92-1	Lead	321	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7439-95-4	Magnesium	4070	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7439-96-5	Manganese	373	mg/kg	TRG	N*	J	50	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7439-97-6	Mercury	0.27	mg/kg	TRG			0.0675	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7440-02-0	Nickel	24.9	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7440-09-7	Potassium	1640	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7782-49-2	Selenium	0.79	mg/kg	TRG	U	U	0.79	N	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7440-22-4	Silver	0.26	mg/kg	TRG	U	U	0.26	N	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7440-23-5	Sodium	264	mg/kg	TRG	U	U	264	N	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7440-28-0	Thallium	0.33	mg/kg	TRG	U	U	0.33	N	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7440-62-2	Vanadium	25.9	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	7440-66-6	Zinc	171	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	12674-11-2	Aroclor 1016	0.027	mg/kg	TRG	U	U	0.027	N	PEST/PCB	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	11096-82-5	Aroclor 1260	0.83	mg/kg	TRG	D		0.2075	Y	PEST/PCB	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	83-32-9	Acenaphthene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	208-96-8	Acenaphthylene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	120-12-7	Anthracene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	56-55-3	Benzo(a)anthracene	0.07	mg/kg	TRG			0.0175	Y	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	50-32-8	Benzo(a)pyrene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	205-99-2	Benzo(b)fluoranthene	0.17	mg/kg	TRG			0.0425	Y	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	191-24-2	Benzo(ghi)perylene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	207-08-9	Benzo(k)fluoranthene	0.092	mg/kg	TRG			0.023	Y	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	218-01-9	Chrysene	0.1	mg/kg	TRG			0.025	Y	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	53-70-3	Dibenz(a,h)anthracene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	121-14-2	Dinitrotoluene, 2,4-	1.1	mg/kg	TRG			0.275	Y	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	606-20-2	Dinitrotoluene, 2,6-	0.63	mg/kg	TRG			0.1575	Y	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	206-44-0	Fluoranthene	0.15	mg/kg	TRG			0.0375	Y	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	86-73-7	Fluorene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	193-39-5	Indeno(1,2,3-cd)pyrene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	91-57-6	Methylnaphthalene, 2-	0.037	mg/kg	TRG	J	J	0.00925	Y	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	98-95-3	Nitrobenzene	0.1	mg/kg	TRG	U	U	0.1	N	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	85-01-8	Phenanthrene	0.11	mg/kg	TRG			0.0275	Y	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	129-00-0	Pyrene	0.13	mg/kg	TRG			0.0325	Y	SEMIVOLATILES	P
OUT_2BG	BH46				SO	7-Dec-05	0	0.5	BH46-D-(0-0.5)	FD	91-20-3	Naphthalene	0.026	mg/kg	TRG	U	U	0.026	N	VOLATILES	P
OUT_2BG	BH46				SO	12-Oct-10	0	1	BG0024	REG	10-00-4	% moisture	21.3	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	57-12-5	Cyanide, total	0.3	mg/kg	TRG	B	J	0.075	Y	CYANIDE	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.53	mg/kg	TRG	P		0.1325	Y	EXPLOSIVES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.53	mg/kg	TRG	P	J	0.1325	Y	EXPLOSIVES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	2691-41-0	HMX	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.14	mg/kg	TRG	U	U	0.14	N	EXPLOSIVES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	121-82-4	RDX	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	479-45-8	Tetryl	0.095	mg/kg	TRG	U	U	0.095	N	EXPLOSIVES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.22	mg/kg	TRG	JP	J	0.055	Y	EXPLOSIVES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	1	mg/kg	TRG			0.25	Y	EXPLOSIVES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7429-90-5	Aluminum	11100	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7440-36-0	Antimony	2.6	mg/kg	TRG	UN	UJ	2.6	N	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7440-38-2	Arsenic	8.4	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7440-39-3	Barium	114	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7440-41-7	Beryllium	0.8	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7440-43-9	Cadmium	0.52	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7440-70-2	Calcium	4370	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7440-47-3	Chromium	18.6	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7440-48-4	Cobalt	6.9	mg/kg	TRG	B	J	6.3	Y	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7440-50-8	Copper	33.1	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7439-89-6	Iron	20000	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7439-92-1	Lead	223	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7439-95-4	Magnesium	1990	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7439-96-5	Manganese	206	mg/kg	TRG	N*	J	50	Y	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7439-97-6	Mercury	0.25	mg/kg	TRG			0.0625	Y	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7440-02-0	Nickel	22.9	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7440-09-7	Potassium	1350	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7782-49-2	Selenium	0.78	mg/kg	TRG	U	U	0.78	N	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7440-22-4	Silver	0.26	mg/kg	TRG	U	U	0.26	N	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7440-23-5	Sodium	258	mg/kg	TRG	U	U	258	N	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7440-28-0	Thallium	0.32	mg/kg	TRG	U	U	0.32	N	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7440-62-2	Vanadium	27.8	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	7440-66-6	Zinc	195	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.053	mg/kg	TRG	U	U	0.053	N	PEST/PCB	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	0.44	mg/kg	TRG	D		0.11	Y	PEST/PCB	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	120-12-7	Anthracene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.099	mg/kg	TRG			0.02475	Y	SEMIVOLATILES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.16	mg/kg	TRG			0.04	Y	SEMIVOLATILES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.025	mg/kg	TRG	U	UJ	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	218-01-9	Chrysene	0.13	mg/kg	TRG			0.0325	Y	SEMIVOLATILES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.35	mg/kg	TRG	J	J	0.0875	Y	SEMIVOLATILES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.3	mg/kg	TRG	J	J	0.075	Y	SEMIVOLATILES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.24	mg/kg	TRG			0.06	Y	SEMIVOLATILES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	86-73-7	Fluorene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.025	mg/kg	TRG	U	U	0.025	N	SEMIVOLATILES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.1	mg/kg	TRG	U	U	0.1	N	SEMIVOLATILES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.083	mg/kg	TRG			0.02075	Y	SEMIVOLATILES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	129-00-0	Pyrene	0.22	mg/kg	TRG			0.055	Y	SEMIVOLATILES	P
OUT_2BG	BH47				SO	7-Dec-05	0	0.5	BH47-A-(0-0.5)	REG	91-20-3	Naphthalene	0.025	mg/kg	TRG	U	U	0.025	N	VOLATILES	P
OUT_2BG	BH47				SO	12-Oct-10	0	1	BG0026	REG	10-00-4	% moisture	21.3	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	57-12-5	Cyanide, total	0.24	mg/kg	TRG	B	J	0.06	Y	CYANIDE	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.52	mg/kg	TRG	P		0.13	Y	EXPLOSIVES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.3	mg/kg	TRG	JP	J	0.075	Y	EXPLOSIVES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	2691-41-0	HMX	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.15	mg/kg	TRG	U	U	0.15	N	EXPLOSIVES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	121-82-4	RDX	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	479-45-8	Tetryl	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	2	mg/kg	TRG			0.5	Y	EXPLOSIVES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7429-90-5	Aluminum	10800	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7440-36-0	Antimony	2.6	mg/kg	TRG	UN	UJ	2.6	N	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7440-38-2	Arsenic	7.3	mg/kg	TRG			5	Y	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7440-39-3	Barium	92.3	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7440-41-7	Beryllium	0.65	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7440-43-9	Cadmium	0.44	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7440-70-2	Calcium	4170	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7440-47-3	Chromium	16.9	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7440-48-4	Cobalt	7.1	mg/kg	TRG	B	J	6.3	Y	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7440-50-8	Copper	24.9	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7439-89-6	Iron	18400	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7439-92-1	Lead	143	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7439-95-4	Magnesium	2210	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7439-96-5	Manganese	308	mg/kg	TRG	N*	J	50	Y	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7439-97-6	Mercury	0.17	mg/kg	TRG			0.0425	Y	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7440-02-0	Nickel	20.6	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7440-09-7	Potassium	1410	mg/kg	TRG	N	J	600	Y	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7782-49-2	Selenium	0.79	mg/kg	TRG	U	U	0.79	N	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7440-22-4	Silver	0.26	mg/kg	TRG	U	U	0.26	N	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7440-23-5	Sodium	264	mg/kg	TRG	U	U	264	N	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7440-28-0	Thallium	0.33	mg/kg	TRG	U	U	0.33	N	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7440-62-2	Vanadium	25.3	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	7440-66-6	Zinc	130	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.021	mg/kg	TRG	U	U	0.021	N	PEST/PCB	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	0.36	mg/kg	TRG	D		0.09	Y	PEST/PCB	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	120-12-7	Anthracene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.096	mg/kg	TRG			0.024	Y	SEMIVOLATILES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.2	mg/kg	TRG			0.05	Y	SEMIVOLATILES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.3	mg/kg	TRG			0.075	Y	SEMIVOLATILES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.095	mg/kg	TRG	Y	J	0.02375	Y	SEMIVOLATILES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.21	mg/kg	TRG			0.0525	Y	SEMIVOLATILES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	218-01-9	Chrysene	0.15	mg/kg	TRG			0.0375	Y	SEMIVOLATILES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.29	mg/kg	TRG	J	J	0.0725	Y	SEMIVOLATILES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.13	mg/kg	TRG	U	U	0.13	N	SEMIVOLATILES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.13	mg/kg	TRG			0.0325	Y	SEMIVOLATILES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	86-73-7	Fluorene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.12	mg/kg	TRG			0.03	Y	SEMIVOLATILES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.18	mg/kg	TRG	JP	J	0.045	Y	SEMIVOLATILES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.071	mg/kg	TRG			0.01775	Y	SEMIVOLATILES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	129-00-0	Pyrene	0.097	mg/kg	TRG			0.02425	Y	SEMIVOLATILES	P
OUT_2BG	BH48				SO	7-Dec-05	0	0.5	BH48-A-(0-0.5)	REG	91-20-3	Naphthalene	0.026	mg/kg	TRG	U	U	0.026	N	VOLATILES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	57-12-5	Cyanide, total	0.18	mg/kg	TRG	B	J	0.045	Y	CYANIDE	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.13	mg/kg	TRG	J	J	0.0325	Y	EXPLOSIVES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.15	mg/kg	TRG	J	J	0.0375	Y	EXPLOSIVES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	99-65-0	Dinitrobenzene, 1,3-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	2691-41-0	HMX	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	88-72-2	Nitrotoluene, 2-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	99-08-1	Nitrotoluene, 3-	0.15	mg/kg	TRG	U	U	0.15	N	EXPLOSIVES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	99-99-0	Nitrotoluene, 4-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	121-82-4	RDX	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	479-45-8	Tetryl	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.1	mg/kg	TRG	U	U	0.1	N	EXPLOSIVES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.29	mg/kg	TRG	J	J	0.0725	Y	EXPLOSIVES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7429-90-5	Aluminum	9470	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7440-36-0	Antimony	2.7	mg/kg	TRG	UN	UJ	2.7	N	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7440-38-2	Arsenic	6.4	mg/kg	TRG			5	Y	METALS	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7440-39-3	Barium	68.3	mg/kg	TRG			20	Y	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7440-41-7	Beryllium	0.56	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7440-43-9	Cadmium	0.33	mg/kg	TRG	B	J	0.65	Y	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7440-70-2	Calcium	4720	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7440-47-3	Chromium	13.5	mg/kg	TRG			0.5	Y	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7440-48-4	Cobalt	5.9	mg/kg	TRG	B	J	6.3	Y	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7440-50-8	Copper	19.7	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7439-89-6	Iron	15800	mg/kg	TRG			25	Y	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7439-92-1	Lead	74.7	mg/kg	TRG			2.5	Y	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7439-95-4	Magnesium	2080	mg/kg	TRG			50	Y	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7439-96-5	Manganese	235	mg/kg	TRG	N*	J	50	Y	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7439-97-6	Mercury	9.70E-02	mg/kg	TRG			0.02425	Y	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7440-02-0	Nickel	17.5	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7440-09-7	Potassium	1150	mg/kg	TRG	BN	J	600	Y	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7782-49-2	Selenium	0.8	mg/kg	TRG	U	U	0.8	N	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7440-22-4	Silver	0.27	mg/kg	TRG	U	U	0.27	N	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7440-23-5	Sodium	268	mg/kg	TRG	U	U	268	N	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7440-28-0	Thallium	0.34	mg/kg	TRG	U	U	0.34	N	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7440-62-2	Vanadium	22	mg/kg	TRG			2	Y	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	7440-66-6	Zinc	64	mg/kg	TRG			10	Y	METALS	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	12674-11-2	Aroclor 1016	0.011	mg/kg	TRG	U	U	0.011	N	PEST/PCB	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	11096-82-5	Aroclor 1260	0.25	mg/kg	TRG			0.0625	Y	PEST/PCB	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	83-32-9	Acenaphthene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	208-96-8	Acenaphthylene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	120-12-7	Anthracene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	56-55-3	Benzo(a)anthracene	0.091	mg/kg	TRG			0.02275	Y	SEMIVOLATILES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	50-32-8	Benzo(a)pyrene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	205-99-2	Benzo(b)fluoranthene	0.11	mg/kg	TRG			0.0275	Y	SEMIVOLATILES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	191-24-2	Benzo(ghi)perylene	0.026	mg/kg	TRG	UY	UJ	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	207-08-9	Benzo(k)fluoranthene	0.097	mg/kg	TRG			0.02425	Y	SEMIVOLATILES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	218-01-9	Chrysene	0.099	mg/kg	TRG			0.02475	Y	SEMIVOLATILES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	53-70-3	Dibenz(a,h)anthracene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	121-14-2	Dinitrotoluene, 2,4-	0.13	mg/kg	TRG	U	U	0.13	N	SEMIVOLATILES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	606-20-2	Dinitrotoluene, 2,6-	0.13	mg/kg	TRG	U	U	0.13	N	SEMIVOLATILES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	206-44-0	Fluoranthene	0.21	mg/kg	TRG			0.0525	Y	SEMIVOLATILES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	86-73-7	Fluorene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	91-57-6	Methylnaphthalene, 2-	0.026	mg/kg	TRG	U	U	0.026	N	SEMIVOLATILES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	98-95-3	Nitrobenzene	0.11	mg/kg	TRG	U	U	0.11	N	SEMIVOLATILES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	85-01-8	Phenanthrene	0.12	mg/kg	TRG			0.03	Y	SEMIVOLATILES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	129-00-0	Pyrene	0.15	mg/kg	TRG			0.0375	Y	SEMIVOLATILES	P
OUT_2BG	BH49				SO	7-Dec-05	0	0.5	BH49-A-(0-0.5)	REG	91-20-3	Naphthalene	0.026	mg/kg	TRG	U	U	0.026	N	VOLATILES	P
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.062	mg/kg	TRG	U	U	0.062	N	EXPLOSIVES	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.121	mg/kg	TRG	J	J	0.06	Y	EXPLOSIVES	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	99-65-0	Dinitrobenzene, 1,3-	0.05	mg/kg	TRG	U	U	0.05	N	EXPLOSIVES	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	121-14-2	Dinitrotoluene, 2,4-	0.2	mg/kg	TRG	U	U	0.2	N	EXPLOSIVES	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	606-20-2	Dinitrotoluene, 2,6-	0.071	mg/kg	TRG	U	U	0.071	N	EXPLOSIVES	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	2691-41-0	HMX	0.089	mg/kg	TRG	U	U	0.089	N	EXPLOSIVES	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	98-95-3	Nitrobenzene	0.071	mg/kg	TRG	U	U	0.071	N	EXPLOSIVES	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	88-72-2	Nitrotoluene, 2-	0.055	mg/kg	TRG	U	U	0.055	N	EXPLOSIVES	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	99-08-1	Nitrotoluene, 3-	0.072	mg/kg	TRG	U	U	0.072	N	EXPLOSIVES	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	99-99-0	Nitrotoluene, 4-	0.094	mg/kg	TRG	U	U	0.094	N	EXPLOSIVES	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	121-82-4	RDX	0.067	mg/kg	TRG	U	U	0.067	N	EXPLOSIVES	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	479-45-8	Tetryl	0.056	mg/kg	TRG	U	U	0.056	N	EXPLOSIVES	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.0698	mg/kg	TRG			0.068	Y	EXPLOSIVES	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.487	mg/kg	TRG			0.052	Y	EXPLOSIVES	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	10-00-4	% moisture	19.4	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	90-12-0	1-METHYL NAPHTHALENE	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	83-32-9	Acenaphthene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	208-96-8	Acenaphthylene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	120-12-7	Anthracene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	56-55-3	Benzo(a)anthracene	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	50-32-8	Benzo(a)pyrene	0.104	mg/kg	TRG			0.021	Y	PAHS	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	205-99-2	Benzo(b)fluoranthene	0.148	mg/kg	TRG			0.021	Y	PAHS	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	191-24-2	Benzo(ghi)perylene	0.0912	mg/kg	TRG			0.021	Y	PAHS	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	207-08-9	Benzo(k)fluoranthene	0.0408	mg/kg	TRG	J	J	0.021	Y	PAHS	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	218-01-9	Chrysene	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	53-70-3	Dibenz(a,h)anthracene	0.021	mg/kg	TRG	U	U	0.021	N	PAHS	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	206-44-0	Fluoranthene	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	86-73-7	Fluorene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.103	mg/kg	TRG			0.021	Y	PAHS	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	91-57-6	Methylnaphthalene, 2-	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	91-20-3	Naphthalene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	85-01-8	Phenanthrene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	129-00-0	Pyrene	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	12674-11-2	Aroclor 1016	0.021	mg/kg	TRG	U	U	0.021	N	PCB3	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	11104-28-2	Aroclor 1221	0.034	mg/kg	TRG	U	U	0.034	N	PCB3	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	11141-16-5	Aroclor 1232	0.034	mg/kg	TRG	U	U	0.034	N	PCB3	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	53469-21-9	Aroclor 1242	0.021	mg/kg	TRG	U	U	0.021	N	PCB3	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	12672-29-6	Aroclor 1248	0.021	mg/kg	TRG	U	U	0.021	N	PCB3	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	11097-69-1	Aroclor 1254	0.0736	mg/kg	TRG	J	J	0.021	Y	PCB3	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	11096-82-5	Aroclor 1260	0.392	mg/kg	TRG	J	J	0.021	Y	PCB3	Y
OUT_2BG	BH51				SO	13-Oct-10	0	1	BG0028	REG	10-02-6	% Solids	79.4	Percent	TRG			0	Y	SOLIDS	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.054	mg/kg	TRG	U	U	0.054	N	EXPLOSIVES	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.052	mg/kg	TRG	U	U	0.052	N	EXPLOSIVES	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	99-65-0	Dinitrobenzene, 1,3-	0.044	mg/kg	TRG	U	U	0.044	N	EXPLOSIVES	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	121-14-2	Dinitrotoluene, 2,4-	0.044	mg/kg	TRG	U	U	0.044	N	EXPLOSIVES	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	606-20-2	Dinitrotoluene, 2,6-	0.062	mg/kg	TRG	U	U	0.062	N	EXPLOSIVES	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	2691-41-0	HMX	0.078	mg/kg	TRG	U	U	0.078	N	EXPLOSIVES	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	98-95-3	Nitrobenzene	0.062	mg/kg	TRG	U	U	0.062	N	EXPLOSIVES	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	88-72-2	Nitrotoluene, 2-	0.048	mg/kg	TRG	U	U	0.048	N	EXPLOSIVES	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	99-08-1	Nitrotoluene, 3-	0.063	mg/kg	TRG	U	U	0.063	N	EXPLOSIVES	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	99-99-0	Nitrotoluene, 4-	0.082	mg/kg	TRG	U	U	0.082	N	EXPLOSIVES	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	121-82-4	RDX	0.059	mg/kg	TRG	U	U	0.059	N	EXPLOSIVES	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	479-45-8	Tetryl	0.049	mg/kg	TRG	U	U	0.049	N	EXPLOSIVES	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.059	mg/kg	TRG	U	U	0.059	N	EXPLOSIVES	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.045	mg/kg	TRG	U	U	0.045	N	EXPLOSIVES	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	10-00-4	% moisture	23.4	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	90-12-0	1-METHYL NAPHTHALENE	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	83-32-9	Acenaphthene	0.22	mg/kg	TRG	U	U	0.22	N	PAHS	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	208-96-8	Acenaphthylene	0.22	mg/kg	TRG	U	U	0.22	N	PAHS	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	120-12-7	Anthracene	0.22	mg/kg	TRG	U	U	0.22	N	PAHS	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	56-55-3	Benzo(a)anthracene	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	50-32-8	Benzo(a)pyrene	0.022	mg/kg	TRG	U	U	0.022	N	PAHS	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	205-99-2	Benzo(b)fluoranthene	0.044	mg/kg	TRG	U	U	0.044	N	PAHS	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	191-24-2	Benzo(ghi)perylene	0.022	mg/kg	TRG	U	U	0.022	N	PAHS	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	207-08-9	Benzo(k)fluoranthene	0.022	mg/kg	TRG	U	U	0.022	N	PAHS	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	218-01-9	Chrysene	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	53-70-3	Dibenz(a,h)anthracene	0.022	mg/kg	TRG	U	U	0.022	N	PAHS	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	206-44-0	Fluoranthene	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	86-73-7	Fluorene	0.22	mg/kg	TRG	U	U	0.22	N	PAHS	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.022	mg/kg	TRG	U	U	0.022	N	PAHS	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	91-57-6	Methylnaphthalene, 2-	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	91-20-3	Naphthalene	0.22	mg/kg	TRG	U	U	0.22	N	PAHS	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	85-01-8	Phenanthrene	0.22	mg/kg	TRG	U	U	0.22	N	PAHS	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	129-00-0	Pyrene	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	12674-11-2	Aroclor 1016	0.011	mg/kg	TRG	U	U	0.011	N	PCB3	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	11104-28-2	Aroclor 1221	0.017	mg/kg	TRG	U	U	0.017	N	PCB3	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	11141-16-5	Aroclor 1232	0.017	mg/kg	TRG	U	U	0.017	N	PCB3	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	53469-21-9	Aroclor 1242	0.011	mg/kg	TRG	U	U	0.011	N	PCB3	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	12672-29-6	Aroclor 1248	0.011	mg/kg	TRG	U	U	0.011	N	PCB3	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	11097-69-1	Aroclor 1254	0.011	mg/kg	TRG	U	U	0.011	N	PCB3	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	11096-82-5	Aroclor 1260	0.011	mg/kg	TRG	U	U	0.011	N	PCB3	Y
OUT_2BG	BH52				SO	13-Oct-10	0	1	BG0029	REG	10-02-6	% Solids	76	Percent	TRG			0	Y	SOLIDS	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.057	mg/kg	TRG	U	U	0.057	N	EXPLOSIVES	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.055	mg/kg	TRG	U	U	0.055	N	EXPLOSIVES	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	99-65-0	Dinitrobenzene, 1,3-	0.046	mg/kg	TRG	U	U	0.046	N	EXPLOSIVES	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	121-14-2	Dinitrotoluene, 2,4-	0.18	mg/kg	TRG	U	U	0.18	N	EXPLOSIVES	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	606-20-2	Dinitrotoluene, 2,6-	0.065	mg/kg	TRG	U	U	0.065	N	EXPLOSIVES	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	2691-41-0	HMX	0.082	mg/kg	TRG	U	U	0.082	N	EXPLOSIVES	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	98-95-3	Nitrobenzene	0.065	mg/kg	TRG	U	U	0.065	N	EXPLOSIVES	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	88-72-2	Nitrotoluene, 2-	0.05	mg/kg	TRG	U	U	0.05	N	EXPLOSIVES	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	99-08-1	Nitrotoluene, 3-	0.066	mg/kg	TRG	U	U	0.066	N	EXPLOSIVES	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	99-99-0	Nitrotoluene, 4-	0.086	mg/kg	TRG	U	U	0.086	N	EXPLOSIVES	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	121-82-4	RDX	0.061	mg/kg	TRG	U	U	0.061	N	EXPLOSIVES	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	479-45-8	Tetryl	0.051	mg/kg	TRG	U	U	0.051	N	EXPLOSIVES	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.062	mg/kg	TRG	U	U	0.062	N	EXPLOSIVES	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.18	mg/kg	TRG			0.048	Y	EXPLOSIVES	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	10-00-4	% moisture	21.1	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	90-12-0	1-METHYL NAPHTHALENE	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	83-32-9	Acenaphthene	0.22	mg/kg	TRG	U	U	0.22	N	PAHS	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	208-96-8	Acenaphthylene	0.22	mg/kg	TRG	U	U	0.22	N	PAHS	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	120-12-7	Anthracene	0.22	mg/kg	TRG	U	U	0.22	N	PAHS	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	56-55-3	Benzo(a)anthracene	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	50-32-8	Benzo(a)pyrene	0.022	mg/kg	TRG	U	U	0.022	N	PAHS	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	205-99-2	Benzo(b)fluoranthene	0.0248	mg/kg	TRG	J	J	0.022	Y	PAHS	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	191-24-2	Benzo(ghi)perylene	0.022	mg/kg	TRG	U	U	0.022	N	PAHS	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	207-08-9	Benzo(k)fluoranthene	0.022	mg/kg	TRG	U	U	0.022	N	PAHS	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	218-01-9	Chrysene	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	53-70-3	Dibenz(a,h)anthracene	0.022	mg/kg	TRG	U	U	0.022	N	PAHS	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	206-44-0	Fluoranthene	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	86-73-7	Fluorene	0.22	mg/kg	TRG	U	U	0.22	N	PAHS	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.029	mg/kg	TRG	J	J	0.022	Y	PAHS	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	91-57-6	Methylnaphthalene, 2-	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	91-20-3	Naphthalene	0.22	mg/kg	TRG	U	U	0.22	N	PAHS	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	85-01-8	Phenanthrene	0.22	mg/kg	TRG	U	U	0.22	N	PAHS	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	129-00-0	Pyrene	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	12674-11-2	Aroclor 1016	0.011	mg/kg	TRG	U	U	0.011	N	PCB3	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	11104-28-2	Aroclor 1221	0.017	mg/kg	TRG	U	U	0.017	N	PCB3	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	11141-16-5	Aroclor 1232	0.017	mg/kg	TRG	U	U	0.017	N	PCB3	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	53469-21-9	Aroclor 1242	0.011	mg/kg	TRG	U	U	0.011	N	PCB3	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	12672-29-6	Aroclor 1248	0.011	mg/kg	TRG	U	U	0.011	N	PCB3	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	11097-69-1	Aroclor 1254	0.0301	mg/kg	TRG	J	J	0.011	Y	PCB3	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	11096-82-5	Aroclor 1260	0.18	mg/kg	TRG	J	J	0.011	Y	PCB3	Y
OUT_2BG	BH53				SO	13-Oct-10	0	1	BG0030	REG	10-02-6	% Solids	77.1	Percent	TRG			0	Y	SOLIDS	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.147	mg/kg	TRG	J	J	0.051	Y	EXPLOSIVES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.23	mg/kg	TRG			0.05	Y	EXPLOSIVES	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	99-65-0	Dinitrobenzene, 1,3-	0.041	mg/kg	TRG	U	U	0.041	N	EXPLOSIVES	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	121-14-2	Dinitrotoluene, 2,4-	0.153	mg/kg	TRG	J	J	0.041	Y	EXPLOSIVES	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	606-20-2	Dinitrotoluene, 2,6-	0.059	mg/kg	TRG	U	U	0.059	N	EXPLOSIVES	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	2691-41-0	HMX	0.074	mg/kg	TRG	U	U	0.074	N	EXPLOSIVES	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	98-95-3	Nitrobenzene	0.059	mg/kg	TRG	U	U	0.059	N	EXPLOSIVES	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	88-72-2	Nitrotoluene, 2-	0.045	mg/kg	TRG	U	U	0.045	N	EXPLOSIVES	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	99-08-1	Nitrotoluene, 3-	0.06	mg/kg	TRG	U	U	0.06	N	EXPLOSIVES	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	99-99-0	Nitrotoluene, 4-	0.078	mg/kg	TRG	U	U	0.078	N	EXPLOSIVES	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	121-82-4	RDX	0.055	mg/kg	TRG	U	U	0.055	N	EXPLOSIVES	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	479-45-8	Tetryl	0.046	mg/kg	TRG	U	U	0.046	N	EXPLOSIVES	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.056	mg/kg	TRG	U	U	0.056	N	EXPLOSIVES	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.826	mg/kg	TRG			0.043	Y	EXPLOSIVES	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	10-00-4	% moisture	20.7	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	90-12-0	1-METHYL NAPHTHALENE	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	83-32-9	Acenaphthene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	208-96-8	Acenaphthylene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	120-12-7	Anthracene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	56-55-3	Benzo(a)anthracene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	50-32-8	Benzo(a)pyrene	0.02	mg/kg	TRG	U	U	0.02	N	PAHS	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	205-99-2	Benzo(b)fluoranthene	0.0295	mg/kg	TRG	J	J	0.02	Y	PAHS	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	191-24-2	Benzo(ghi)perylene	0.0201	mg/kg	TRG	J	J	0.02	Y	PAHS	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	207-08-9	Benzo(k)fluoranthene	0.02	mg/kg	TRG	U	U	0.02	N	PAHS	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	218-01-9	Chrysene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	53-70-3	Dibenz(a,h)anthracene	0.02	mg/kg	TRG	U	U	0.02	N	PAHS	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	206-44-0	Fluoranthene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	86-73-7	Fluorene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.02	mg/kg	TRG	U	U	0.02	N	PAHS	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	91-57-6	Methylnaphthalene, 2-	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	91-20-3	Naphthalene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	85-01-8	Phenanthrene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	129-00-0	Pyrene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	12674-11-2	Aroclor 1016	0.01	mg/kg	TRG	U	U	0.01	N	PCB3	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	11104-28-2	Aroclor 1221	0.016	mg/kg	TRG	U	U	0.016	N	PCB3	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	11141-16-5	Aroclor 1232	0.016	mg/kg	TRG	U	U	0.016	N	PCB3	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	53469-21-9	Aroclor 1242	0.01	mg/kg	TRG	U	U	0.01	N	PCB3	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	12672-29-6	Aroclor 1248	0.01	mg/kg	TRG	U	U	0.01	N	PCB3	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	11097-69-1	Aroclor 1254	0.0435	mg/kg	TRG	J	J	0.01	Y	PCB3	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	11096-82-5	Aroclor 1260	0.229	mg/kg	TRG	J	J	0.01	Y	PCB3	Y
OUT_2BG	BH54				SO	13-Oct-10	0	1	BG0031	REG	10-02-6	% Solids	80.5	Percent	TRG			0	Y	SOLIDS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.116	mg/kg	TRG	J	J	0.052	Y	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.157	mg/kg	TRG	J	J	0.05	Y	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	99-65-0	Dinitrobenzene, 1,3-	0.042	mg/kg	TRG	U	U	0.042	N	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	121-14-2	Dinitrotoluene, 2,4-	0.44	mg/kg	TRG		J	0.042	Y	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	606-20-2	Dinitrotoluene, 2,6-	0.14	mg/kg	TRG	J	J	0.059	Y	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	2691-41-0	HMX	0.074	mg/kg	TRG	U	U	0.074	N	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	98-95-3	Nitrobenzene	0.059	mg/kg	TRG	U	U	0.059	N	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	88-72-2	Nitrotoluene, 2-	0.046	mg/kg	TRG	U	U	0.046	N	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	99-08-1	Nitrotoluene, 3-	0.06	mg/kg	TRG	U	U	0.06	N	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	99-99-0	Nitrotoluene, 4-	0.078	mg/kg	TRG	U	U	0.078	N	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	121-82-4	RDX	0.056	mg/kg	TRG	U	U	0.056	N	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	479-45-8	Tetryl	0.047	mg/kg	TRG	U	U	0.047	N	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.057	mg/kg	TRG	U	U	0.057	N	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.547	mg/kg	TRG			0.043	Y	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	10-00-4	% moisture	19.9	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	90-12-0	1-METHYL NAPHTHALENE	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	83-32-9	Acenaphthene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	208-96-8	Acenaphthylene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	120-12-7	Anthracene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	56-55-3	Benzo(a)anthracene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	50-32-8	Benzo(a)pyrene	0.0249	mg/kg	TRG	J	J	0.02	Y	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	205-99-2	Benzo(b)fluoranthene	0.0466	mg/kg	TRG			0.02	Y	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	191-24-2	Benzo(ghi)perylene	0.042	mg/kg	TRG			0.02	Y	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	207-08-9	Benzo(k)fluoranthene	0.02	mg/kg	TRG	U	U	0.02	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	218-01-9	Chrysene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	53-70-3	Dibenz(a,h)anthracene	0.02	mg/kg	TRG	U	U	0.02	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	206-44-0	Fluoranthene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	86-73-7	Fluorene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.29	mg/kg	TRG	U	U	0.29	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	91-57-6	Methylnaphthalene, 2-	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	91-20-3	Naphthalene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	85-01-8	Phenanthrene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	129-00-0	Pyrene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	12674-11-2	Aroclor 1016	0.02	mg/kg	TRG	U	U	0.02	N	PCB3	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	11104-28-2	Aroclor 1221	0.033	mg/kg	TRG	U	U	0.033	N	PCB3	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	11141-16-5	Aroclor 1232	0.033	mg/kg	TRG	U	U	0.033	N	PCB3	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	53469-21-9	Aroclor 1242	0.02	mg/kg	TRG	U	U	0.02	N	PCB3	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	12672-29-6	Aroclor 1248	0.02	mg/kg	TRG	U	U	0.02	N	PCB3	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	11097-69-1	Aroclor 1254	0.0488	mg/kg	TRG	J	J	0.02	Y	PCB3	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	11096-82-5	Aroclor 1260	0.285	mg/kg	TRG	J	J	0.02	Y	PCB3	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0032	REG	10-02-6	% Solids	80.9	Percent	TRG			0	Y	SOLIDS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.0822	mg/kg	TRG	J	J	0.055	Y	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.111	mg/kg	TRG	J	J	0.053	Y	EXPLOSIVES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	99-65-0	Dinitrobenzene, 1,3-	0.044	mg/kg	TRG	U	U	0.044	N	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	121-14-2	Dinitrotoluene, 2,4-	0.18	mg/kg	TRG	U	U	0.18	N	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	606-20-2	Dinitrotoluene, 2,6-	0.063	mg/kg	TRG	U	U	0.063	N	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	2691-41-0	HMX	0.079	mg/kg	TRG	U	U	0.079	N	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	98-95-3	Nitrobenzene	0.063	mg/kg	TRG	U	U	0.063	N	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	88-72-2	Nitrotoluene, 2-	0.049	mg/kg	TRG	U	U	0.049	N	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	99-08-1	Nitrotoluene, 3-	0.064	mg/kg	TRG	U	U	0.064	N	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	99-99-0	Nitrotoluene, 4-	0.084	mg/kg	TRG	U	U	0.084	N	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	121-82-4	RDX	0.06	mg/kg	TRG	U	U	0.06	N	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	479-45-8	Tetryl	0.05	mg/kg	TRG	U	U	0.05	N	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	99-35-4	Trinitrobenzene, 1,3,5-	0.06	mg/kg	TRG	U	U	0.06	N	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	118-96-7	Trinitrotoluene, 2,4,6-	0.537	mg/kg	TRG			0.046	Y	EXPLOSIVES	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	10-00-4	% moisture	18	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	90-12-0	1-METHYL NAPHTHALENE	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	83-32-9	Acenaphthene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	208-96-8	Acenaphthylene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	120-12-7	Anthracene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	56-55-3	Benzo(a)anthracene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	50-32-8	Benzo(a)pyrene	0.0227	mg/kg	TRG	J	J	0.021	Y	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	205-99-2	Benzo(b)fluoranthene	0.0473	mg/kg	TRG			0.021	Y	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	191-24-2	Benzo(ghi)perylene	0.0303	mg/kg	TRG	J	J	0.021	Y	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	207-08-9	Benzo(k)fluoranthene	0.021	mg/kg	TRG	U	U	0.021	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	218-01-9	Chrysene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	53-70-3	Dibenz(a,h)anthracene	0.021	mg/kg	TRG	U	U	0.021	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	206-44-0	Fluoranthene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	86-73-7	Fluorene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	193-39-5	Indeno(1,2,3-cd)pyrene	0.0217	mg/kg	TRG	J	J	0.021	Y	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	91-57-6	Methylnaphthalene, 2-	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	91-20-3	Naphthalene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	85-01-8	Phenanthrene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	129-00-0	Pyrene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	12674-11-2	Aroclor 1016	0.02	mg/kg	TRG	U	U	0.02	N	PCB3	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	11104-28-2	Aroclor 1221	0.033	mg/kg	TRG	U	U	0.033	N	PCB3	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	11141-16-5	Aroclor 1232	0.033	mg/kg	TRG	U	U	0.033	N	PCB3	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	53469-21-9	Aroclor 1242	0.02	mg/kg	TRG	U	U	0.02	N	PCB3	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	12672-29-6	Aroclor 1248	0.02	mg/kg	TRG	U	U	0.02	N	PCB3	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	11097-69-1	Aroclor 1254	0.149	mg/kg	TRG	J	J	0.02	Y	PCB3	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	11096-82-5	Aroclor 1260	0.301	mg/kg	TRG	J	J	0.02	Y	PCB3	Y
OUT_2BG	BH55				SO	13-Oct-10	0	1	BG0033	FD	10-02-6	% Solids	80.3	Percent	TRG			0	Y	SOLIDS	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.17	mg/kg	TRG	U	U	0.17	N	EXPLOSIVES	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.286	mg/kg	TRG			0.052	Y	EXPLOSIVES	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	99-65-0	Dinitrobenzene, 1,3-	0.254	mg/kg	TRG		J	0.044	Y	EXPLOSIVES	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	121-14-2	Dinitrotoluene, 2,4-	5.24	mg/kg	TRG		J	0.044	Y	EXPLOSIVES	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	606-20-2	Dinitrotoluene, 2,6-	2.09	mg/kg	TRG		J	0.062	Y	EXPLOSIVES	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	2691-41-0	HMX	0.078	mg/kg	TRG	U	U	0.078	N	EXPLOSIVES	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	98-95-3	Nitrobenzene	0.062	mg/kg	TRG	U	U	0.062	N	EXPLOSIVES	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	88-72-2	Nitrotoluene, 2-	0.17	mg/kg	TRG	U	U	0.17	N	EXPLOSIVES	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	99-08-1	Nitrotoluene, 3-	0.063	mg/kg	TRG	U	U	0.063	N	EXPLOSIVES	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	99-99-0	Nitrotoluene, 4-	0.082	mg/kg	TRG	U	U	0.082	N	EXPLOSIVES	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	121-82-4	RDX	0.059	mg/kg	TRG	U	U	0.059	N	EXPLOSIVES	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	479-45-8	Tetryl	0.049	mg/kg	TRG	U	U	0.049	N	EXPLOSIVES	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	99-35-4	Trinitrobenzene, 1,3,5-	2.24	mg/kg	TRG		J	0.059	Y	EXPLOSIVES	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.371	mg/kg	TRG		J	0.045	Y	EXPLOSIVES	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	10-00-4	% moisture	20.6	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	90-12-0	1-METHYL NAPHTHALENE	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	83-32-9	Acenaphthene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	208-96-8	Acenaphthylene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	120-12-7	Anthracene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	56-55-3	Benzo(a)anthracene	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	50-32-8	Benzo(a)pyrene	0.0287	mg/kg	TRG	J	J	0.021	Y	PAHS	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	205-99-2	Benzo(b)fluoranthene	0.0492	mg/kg	TRG			0.021	Y	PAHS	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	191-24-2	Benzo(ghi)perylene	0.0277	mg/kg	TRG	J	J	0.021	Y	PAHS	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	207-08-9	Benzo(k)fluoranthene	0.021	mg/kg	TRG	U	U	0.021	N	PAHS	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	218-01-9	Chrysene	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	53-70-3	Dibenz(a,h)anthracene	0.021	mg/kg	TRG	U	U	0.021	N	PAHS	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	206-44-0	Fluoranthene	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	86-73-7	Fluorene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0229	mg/kg	TRG	J	J	0.021	Y	PAHS	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	91-57-6	Methylnaphthalene, 2-	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	91-20-3	Naphthalene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	85-01-8	Phenanthrene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	129-00-0	Pyrene	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	12674-11-2	Aroclor 1016	0.011	mg/kg	TRG	U	UJ	0.011	N	PCB3	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	11104-28-2	Aroclor 1221	0.017	mg/kg	TRG	U	U	0.017	N	PCB3	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	11141-16-5	Aroclor 1232	0.017	mg/kg	TRG	U	U	0.017	N	PCB3	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	53469-21-9	Aroclor 1242	0.011	mg/kg	TRG	U	U	0.011	N	PCB3	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	12672-29-6	Aroclor 1248	0.011	mg/kg	TRG	U	U	0.011	N	PCB3	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	11097-69-1	Aroclor 1254	0.0307	mg/kg	TRG	J	J	0.011	Y	PCB3	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	11096-82-5	Aroclor 1260	0.16	mg/kg	TRG	J	J	0.011	Y	PCB3	Y
OUT_2BG	BH56				SO	13-Oct-10	0	1	BG0035	REG	10-02-6	% Solids	78.8	Percent	TRG			0	Y	SOLIDS	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.053	mg/kg	TRG	U	U	0.053	N	EXPLOSIVES	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.051	mg/kg	TRG	U	U	0.051	N	EXPLOSIVES	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	99-65-0	Dinitrobenzene, 1,3-	0.043	mg/kg	TRG	U	U	0.043	N	EXPLOSIVES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	121-14-2	Dinitrotoluene, 2,4-	0.043	mg/kg	TRG	U	U	0.043	N	EXPLOSIVES	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	606-20-2	Dinitrotoluene, 2,6-	0.06	mg/kg	TRG	U	U	0.06	N	EXPLOSIVES	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	2691-41-0	HMX	0.076	mg/kg	TRG	U	U	0.076	N	EXPLOSIVES	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	98-95-3	Nitrobenzene	0.06	mg/kg	TRG	U	U	0.06	N	EXPLOSIVES	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	88-72-2	Nitrotoluene, 2-	0.047	mg/kg	TRG	U	U	0.047	N	EXPLOSIVES	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	99-08-1	Nitrotoluene, 3-	0.061	mg/kg	TRG	U	U	0.061	N	EXPLOSIVES	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	99-99-0	Nitrotoluene, 4-	0.08	mg/kg	TRG	U	U	0.08	N	EXPLOSIVES	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	121-82-4	RDX	0.057	mg/kg	TRG	U	U	0.057	N	EXPLOSIVES	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	479-45-8	Tetryl	0.048	mg/kg	TRG	U	U	0.048	N	EXPLOSIVES	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.058	mg/kg	TRG	U	U	0.058	N	EXPLOSIVES	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.0856	mg/kg	TRG	J	J	0.044	Y	EXPLOSIVES	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	10-00-4	% moisture	22.8	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	90-12-0	1-METHYL NAPHTHALENE	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	83-32-9	Acenaphthene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	208-96-8	Acenaphthylene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	120-12-7	Anthracene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	56-55-3	Benzo(a)anthracene	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	50-32-8	Benzo(a)pyrene	0.021	mg/kg	TRG	U	U	0.021	N	PAHS	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	205-99-2	Benzo(b)fluoranthene	0.021	mg/kg	TRG	U	U	0.021	N	PAHS	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	191-24-2	Benzo(ghi)perylene	0.021	mg/kg	TRG	U	U	0.021	N	PAHS	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	207-08-9	Benzo(k)fluoranthene	0.021	mg/kg	TRG	U	U	0.021	N	PAHS	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	218-01-9	Chrysene	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	53-70-3	Dibenz(a,h)anthracene	0.021	mg/kg	TRG	U	U	0.021	N	PAHS	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	206-44-0	Fluoranthene	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	86-73-7	Fluorene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.021	mg/kg	TRG	U	U	0.021	N	PAHS	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	91-57-6	Methylnaphthalene, 2-	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	91-20-3	Naphthalene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	85-01-8	Phenanthrene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	129-00-0	Pyrene	0.11	mg/kg	TRG	U	U	0.11	N	PAHS	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	12674-11-2	Aroclor 1016	0.01	mg/kg	TRG	U	U	0.01	N	PCB3	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	11104-28-2	Aroclor 1221	0.017	mg/kg	TRG	U	U	0.017	N	PCB3	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	11141-16-5	Aroclor 1232	0.017	mg/kg	TRG	U	U	0.017	N	PCB3	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	53469-21-9	Aroclor 1242	0.01	mg/kg	TRG	U	U	0.01	N	PCB3	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	12672-29-6	Aroclor 1248	0.01	mg/kg	TRG	U	U	0.01	N	PCB3	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	11097-69-1	Aroclor 1254	0.01	mg/kg	TRG	U	U	0.01	N	PCB3	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	11096-82-5	Aroclor 1260	0.0193	mg/kg	TRG	J	J	0.01	Y	PCB3	Y
OUT_2BG	BH57				SO	13-Oct-10	0	1	BG0036	REG	10-02-6	% Solids	79.5	Percent	TRG			0	Y	SOLIDS	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	1.17	mg/kg	TRG		J	0.055	Y	EXPLOSIVES	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	1.46	mg/kg	TRG		J	0.053	Y	EXPLOSIVES	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	99-65-0	Dinitrobenzene, 1,3-	0.36	mg/kg	TRG	U	U	0.36	N	EXPLOSIVES	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	121-14-2	Dinitrotoluene, 2,4-	29.7	mg/kg	TRG			0.18	Y	EXPLOSIVES	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	606-20-2	Dinitrotoluene, 2,6-	12.8	mg/kg	TRG		J	0.063	Y	EXPLOSIVES	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	2691-41-0	HMX	0.079	mg/kg	TRG	U	U	0.079	N	EXPLOSIVES	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	98-95-3	Nitrobenzene	0.063	mg/kg	TRG	U	U	0.063	N	EXPLOSIVES	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	88-72-2	Nitrotoluene, 2-	1.84	mg/kg	TRG		J	0.049	Y	EXPLOSIVES	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	99-08-1	Nitrotoluene, 3-	0.25	mg/kg	TRG		J	0.064	Y	EXPLOSIVES	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	99-99-0	Nitrotoluene, 4-	0.647	mg/kg	TRG		J	0.083	Y	EXPLOSIVES	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	121-82-4	RDX	0.059	mg/kg	TRG	U	U	0.059	N	EXPLOSIVES	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	479-45-8	Tetryl	0.05	mg/kg	TRG	U	U	0.05	N	EXPLOSIVES	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	99-35-4	Trinitrobenzene, 1,3,5-	1.12	mg/kg	TRG		J	0.06	Y	EXPLOSIVES	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	118-96-7	Trinitrotoluene, 2,4,6-	6.8	mg/kg	TRG		J	0.046	Y	EXPLOSIVES	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	10-00-4	% moisture	19.3	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	90-12-0	1-METHYL NAPHTHALENE	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	83-32-9	Acenaphthene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	208-96-8	Acenaphthylene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	120-12-7	Anthracene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	56-55-3	Benzo(a)anthracene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	50-32-8	Benzo(a)pyrene	0.103	mg/kg	TRG			0.021	Y	PAHS	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	205-99-2	Benzo(b)fluoranthene	0.125	mg/kg	TRG			0.021	Y	PAHS	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	191-24-2	Benzo(ghi)perylene	0.106	mg/kg	TRG			0.021	Y	PAHS	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	207-08-9	Benzo(k)fluoranthene	0.0453	mg/kg	TRG			0.021	Y	PAHS	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	218-01-9	Chrysene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	53-70-3	Dibenz(a,h)anthracene	0.0231	mg/kg	TRG	J	J	0.021	Y	PAHS	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	206-44-0	Fluoranthene	0.145	mg/kg	TRG	J	J	0.1	Y	PAHS	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	86-73-7	Fluorene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.094	mg/kg	TRG		J	0.021	Y	PAHS	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	91-57-6	Methylnaphthalene, 2-	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	91-20-3	Naphthalene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	85-01-8	Phenanthrene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	129-00-0	Pyrene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	12674-11-2	Aroclor 1016	0.02	mg/kg	TRG	U	U	0.02	N	PCB3	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	11104-28-2	Aroclor 1221	0.032	mg/kg	TRG	U	U	0.032	N	PCB3	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	11141-16-5	Aroclor 1232	0.032	mg/kg	TRG	U	U	0.032	N	PCB3	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	53469-21-9	Aroclor 1242	0.02	mg/kg	TRG	U	U	0.02	N	PCB3	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	12672-29-6	Aroclor 1248	0.02	mg/kg	TRG	U	U	0.02	N	PCB3	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	11097-69-1	Aroclor 1254	0.0878	mg/kg	TRG	J	J	0.02	Y	PCB3	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	11096-82-5	Aroclor 1260	0.395	mg/kg	TRG	J	J	0.02	Y	PCB3	Y
OUT_2BG	BH58				SO	13-Oct-10	0	1	BG0037	REG	10-02-6	% Solids	80.7	Percent	TRG			0	Y	SOLIDS	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.057	mg/kg	TRG	U	U	0.057	N	EXPLOSIVES	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.056	mg/kg	TRG	U	U	0.056	N	EXPLOSIVES	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	99-65-0	Dinitrobenzene, 1,3-	0.046	mg/kg	TRG	U	U	0.046	N	EXPLOSIVES	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	121-14-2	Dinitrotoluene, 2,4-	0.046	mg/kg	TRG	U	U	0.046	N	EXPLOSIVES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	606-20-2	Dinitrotoluene, 2,6-	0.066	mg/kg	TRG	U	U	0.066	N	EXPLOSIVES	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	2691-41-0	HMX	0.082	mg/kg	TRG	U	U	0.082	N	EXPLOSIVES	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	98-95-3	Nitrobenzene	0.066	mg/kg	TRG	U	U	0.066	N	EXPLOSIVES	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	88-72-2	Nitrotoluene, 2-	0.051	mg/kg	TRG	U	U	0.051	N	EXPLOSIVES	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	99-08-1	Nitrotoluene, 3-	0.067	mg/kg	TRG	U	U	0.067	N	EXPLOSIVES	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	99-99-0	Nitrotoluene, 4-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	121-82-4	RDX	0.062	mg/kg	TRG	U	U	0.062	N	EXPLOSIVES	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	479-45-8	Tetryl	0.052	mg/kg	TRG	U	U	0.052	N	EXPLOSIVES	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.063	mg/kg	TRG	U	U	0.063	N	EXPLOSIVES	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	118-96-7	Trinitrotoluene, 2,4,6-	0.048	mg/kg	TRG	U	U	0.048	N	EXPLOSIVES	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	10-00-4	% moisture	20	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	90-12-0	1-METHYL NAPHTHALENE	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	83-32-9	Acenaphthene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	208-96-8	Acenaphthylene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	120-12-7	Anthracene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	56-55-3	Benzo(a)anthracene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	50-32-8	Benzo(a)pyrene	0.021	mg/kg	TRG	U	U	0.021	N	PAHS	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	205-99-2	Benzo(b)fluoranthene	0.021	mg/kg	TRG	U	U	0.021	N	PAHS	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	191-24-2	Benzo(ghi)perylene	0.021	mg/kg	TRG	U	U	0.021	N	PAHS	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	207-08-9	Benzo(k)fluoranthene	0.021	mg/kg	TRG	U	U	0.021	N	PAHS	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	218-01-9	Chrysene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	53-70-3	Dibenz(a,h)anthracene	0.021	mg/kg	TRG	U	U	0.021	N	PAHS	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	206-44-0	Fluoranthene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	86-73-7	Fluorene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.021	mg/kg	TRG	U	U	0.021	N	PAHS	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	91-57-6	Methylnaphthalene, 2-	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	91-20-3	Naphthalene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	85-01-8	Phenanthrene	0.21	mg/kg	TRG	U	U	0.21	N	PAHS	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	129-00-0	Pyrene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	12674-11-2	Aroclor 1016	0.01	mg/kg	TRG	U	U	0.01	N	PCB3	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	11104-28-2	Aroclor 1221	0.017	mg/kg	TRG	U	U	0.017	N	PCB3	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	11141-16-5	Aroclor 1232	0.017	mg/kg	TRG	U	U	0.017	N	PCB3	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	53469-21-9	Aroclor 1242	0.01	mg/kg	TRG	U	U	0.01	N	PCB3	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	12672-29-6	Aroclor 1248	0.01	mg/kg	TRG	U	U	0.01	N	PCB3	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	11097-69-1	Aroclor 1254	0.01	mg/kg	TRG	U	U	0.01	N	PCB3	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	11096-82-5	Aroclor 1260	0.01	mg/kg	TRG	U	U	0.01	N	PCB3	Y
OUT_2BG	BH59				SO	13-Oct-10	0	1	BG0038	REG	10-02-6	% Solids	78.6	Percent	TRG			0	Y	SOLIDS	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	8.13	mg/kg	TRG		J	0.57	Y	EXPLOSIVES	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	6.69	mg/kg	TRG		J	0.55	Y	EXPLOSIVES	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	99-65-0	Dinitrobenzene, 1,3-	0.46	mg/kg	TRG	U	U	0.46	N	EXPLOSIVES	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	121-14-2	Dinitrotoluene, 2,4-	130	mg/kg	TRG		J	0.46	Y	EXPLOSIVES	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	606-20-2	Dinitrotoluene, 2,6-	49.5	mg/kg	TRG		J	0.65	Y	EXPLOSIVES	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	2691-41-0	HMX	0.81	mg/kg	TRG	U	U	0.81	N	EXPLOSIVES	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	98-95-3	Nitrobenzene	0.65	mg/kg	TRG	U	U	0.65	N	EXPLOSIVES	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	88-72-2	Nitrotoluene, 2-	1.8	mg/kg	TRG	U	U	1.8	N	EXPLOSIVES	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	99-08-1	Nitrotoluene, 3-	0.66	mg/kg	TRG	U	U	0.66	N	EXPLOSIVES	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	99-99-0	Nitrotoluene, 4-	0.86	mg/kg	TRG	U	U	0.86	N	EXPLOSIVES	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	121-82-4	RDX	0.61	mg/kg	TRG	U	U	0.61	N	EXPLOSIVES	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	479-45-8	Tetryl	0.51	mg/kg	TRG	U	U	0.51	N	EXPLOSIVES	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	99-35-4	Trinitrobenzene, 1,3,5-	6.79	mg/kg	TRG		J	0.62	Y	EXPLOSIVES	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	118-96-7	Trinitrotoluene, 2,4,6-	70.8	mg/kg	TRG		J	0.47	Y	EXPLOSIVES	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	10-00-4	% moisture	17.1	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	90-12-0	1-METHYL NAPHTHALENE	0.099	mg/kg	TRG	U	U	0.099	N	PAHS	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	83-32-9	Acenaphthene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	208-96-8	Acenaphthylene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	120-12-7	Anthracene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	56-55-3	Benzo(a)anthracene	0.099	mg/kg	TRG	U	U	0.099	N	PAHS	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	50-32-8	Benzo(a)pyrene	0.02	mg/kg	TRG	U	U	0.02	N	PAHS	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	205-99-2	Benzo(b)fluoranthene	0.0317	mg/kg	TRG	J	J	0.02	Y	PAHS	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	191-24-2	Benzo(ghi)perylene	0.0225	mg/kg	TRG	J	J	0.02	Y	PAHS	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	207-08-9	Benzo(k)fluoranthene	0.02	mg/kg	TRG	U	U	0.02	N	PAHS	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	218-01-9	Chrysene	0.099	mg/kg	TRG	U	U	0.099	N	PAHS	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	53-70-3	Dibenz(a,h)anthracene	0.02	mg/kg	TRG	U	U	0.02	N	PAHS	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	206-44-0	Fluoranthene	0.099	mg/kg	TRG	U	U	0.099	N	PAHS	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	86-73-7	Fluorene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0288	mg/kg	TRG	J	J	0.02	Y	PAHS	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	91-57-6	Methylnaphthalene, 2-	0.099	mg/kg	TRG	U	U	0.099	N	PAHS	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	91-20-3	Naphthalene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	85-01-8	Phenanthrene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	129-00-0	Pyrene	0.099	mg/kg	TRG	U	U	0.099	N	PAHS	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	12674-11-2	Aroclor 1016	0.01	mg/kg	TRG	U	U	0.01	N	PCB3	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	11104-28-2	Aroclor 1221	0.016	mg/kg	TRG	U	U	0.016	N	PCB3	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	11141-16-5	Aroclor 1232	0.016	mg/kg	TRG	U	U	0.016	N	PCB3	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	53469-21-9	Aroclor 1242	0.01	mg/kg	TRG	U	U	0.01	N	PCB3	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	12672-29-6	Aroclor 1248	0.01	mg/kg	TRG	U	U	0.01	N	PCB3	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	11097-69-1	Aroclor 1254	0.0354	mg/kg	TRG	J	J	0.01	Y	PCB3	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	11096-82-5	Aroclor 1260	0.143	mg/kg	TRG	J	J	0.01	Y	PCB3	Y
OUT_2BG	BH60				SO	13-Oct-10	0	1	BG0039	REG	10-02-6	% Solids	83	Percent	TRG			0	Y	SOLIDS	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	19406-51-0	Amino-2,6-dinitrotoluene, 4-	0.38	mg/kg	TRG	U	U	0.38	N	EXPLOSIVES	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	35572-78-2	Amino-4,6-dinitrotoluene, 2-	0.345	mg/kg	TRG			0.056	Y	EXPLOSIVES	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	99-65-0	Dinitrobenzene, 1,3-	0.046	mg/kg	TRG	U	U	0.046	N	EXPLOSIVES	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	121-14-2	Dinitrotoluene, 2,4-	9.4	mg/kg	TRG			0.046	Y	EXPLOSIVES	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	606-20-2	Dinitrotoluene, 2,6-	0.066	mg/kg	TRG	U	U	0.066	N	EXPLOSIVES	Y

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	2691-41-0	HMX	0.082	mg/kg	TRG	U	U	0.082	N	EXPLOSIVES	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	98-95-3	Nitrobenzene	0.066	mg/kg	TRG	U	U	0.066	N	EXPLOSIVES	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	88-72-2	Nitrotoluene, 2-	0.051	mg/kg	TRG	U	U	0.051	N	EXPLOSIVES	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	99-08-1	Nitrotoluene, 3-	0.067	mg/kg	TRG	U	U	0.067	N	EXPLOSIVES	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	99-99-0	Nitrotoluene, 4-	0.087	mg/kg	TRG	U	U	0.087	N	EXPLOSIVES	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	121-82-4	RDX	0.062	mg/kg	TRG	U	U	0.062	N	EXPLOSIVES	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	479-45-8	Tetryl	0.052	mg/kg	TRG	U	U	0.052	N	EXPLOSIVES	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	99-35-4	Trinitrobenzene, 1,3,5-	0.063	mg/kg	TRG	U	U	0.063	N	EXPLOSIVES	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	118-96-7	Trinitrotoluene, 2,4,6-	4.2	mg/kg	TRG			0.048	Y	EXPLOSIVES	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	10-00-4	% moisture	18	Percent	TRG			0.1	Y	MOISTURE	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	90-12-0	1-METHYL NAPHTHALENE	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	83-32-9	Acenaphthene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	208-96-8	Acenaphthylene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	120-12-7	Anthracene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	56-55-3	Benzo(a)anthracene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	50-32-8	Benzo(a)pyrene	0.02	mg/kg	TRG	U	U	0.02	N	PAHS	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	205-99-2	Benzo(b)fluoranthene	0.0308	mg/kg	TRG	J	J	0.02	Y	PAHS	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	191-24-2	Benzo(ghi)perylene	0.0291	mg/kg	TRG	J	J	0.02	Y	PAHS	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	207-08-9	Benzo(k)fluoranthene	0.02	mg/kg	TRG	U	U	0.02	N	PAHS	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	218-01-9	Chrysene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	53-70-3	Dibenz(a,h)anthracene	0.02	mg/kg	TRG	U	U	0.02	N	PAHS	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	206-44-0	Fluoranthene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	86-73-7	Fluorene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	193-39-5	Indeno(1,2,3-cd)pyrene	0.0232	mg/kg	TRG	J	J	0.02	Y	PAHS	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	91-57-6	Methylnaphthalene, 2-	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	91-20-3	Naphthalene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	85-01-8	Phenanthrene	0.2	mg/kg	TRG	U	U	0.2	N	PAHS	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	129-00-0	Pyrene	0.1	mg/kg	TRG	U	U	0.1	N	PAHS	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	12674-11-2	Aroclor 1016	0.1	mg/kg	TRG	U	U	0.1	N	PCB3	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	11104-28-2	Aroclor 1221	0.16	mg/kg	TRG	U	U	0.16	N	PCB3	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	11141-16-5	Aroclor 1232	0.16	mg/kg	TRG	U	U	0.16	N	PCB3	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	53469-21-9	Aroclor 1242	0.1	mg/kg	TRG	U	U	0.1	N	PCB3	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	12672-29-6	Aroclor 1248	0.1	mg/kg	TRG	U	U	0.1	N	PCB3	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	11097-69-1	Aroclor 1254	0.123	mg/kg	TRG	J	J	0.1	Y	PCB3	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	11096-82-5	Aroclor 1260	1.36	mg/kg	TRG	J	J	0.1	Y	PCB3	Y
OUT_2BG	BH61				SO	13-Oct-10	0	1	BG0040	REG	10-02-6	% Solids	82.2	Percent	TRG			0	Y	SOLIDS	Y
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	0.272	pg/g	TRG		U	0.272	N	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.272	pg/g	TRG		U	0.272	N	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.272	pg/g	TRG		U	0.272	N	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.272	pg/g	TRG		U	0.272	N	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.272	pg/g	TRG		U	0.272	N	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.272	pg/g	TRG		U	0.272	N	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.272	pg/g	TRG		U	0.272	N	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.441	pg/g	TRG		J	0.11025	Y	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.272	pg/g	TRG		U	0.272	N	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.319	pg/g	TRG		J	0.07975	Y	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.272	pg/g	TRG		U	0.272	N	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.272	pg/g	TRG		U	0.272	N	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.272	pg/g	TRG		U	0.272	N	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	51207-31-9	2,3,7,8-Tcdf	0.109	pg/g	TRG		U	0.109	N	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	1.39	pg/g	TRG			0.3475	Y	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	37871-00-4	Heptachlorodibenzo-P-Dioxin	0.791	pg/g	TRG			0.19775	Y	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	38998-75-3	Heptachlorodibenzofuran	0.287	pg/g	TRG			0.07175	Y	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	5.14	pg/g	TRG			1.285	Y	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	0.404	pg/g	TRG			0.101	Y	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	3268-87-9	Octachlorodibenzo-P-Dioxin	2.99	pg/g	TRG		J	0.7475	Y	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	39001-02-0	Octachlorodibenzofuran	0.543	pg/g	TRG		U	0.543	N	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	5.76	pg/g	TRG			1.44	Y	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	0.485	pg/g	TRG			0.12125	Y	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	1.93	pg/g	TRG			0.4825	Y	DIOXIN	P
OUT_2BG	TR06-2				SO	19-May-04	1.5	2	TR06-2-A	REG	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	0.528	pg/g	TRG			0.132	Y	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	1.23	pg/g	TRG		J	0.3075	Y	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.364	pg/g	TRG		J	0.091	Y	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.258	pg/g	TRG	U	U	0.258	N	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	0.258	pg/g	TRG		U	0.258	N	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.258	pg/g	TRG		U	0.258	N	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	0.258	pg/g	TRG		U	0.258	N	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.258	pg/g	TRG		U	0.258	N	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	0.258	pg/g	TRG		U	0.258	N	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.258	pg/g	TRG		U	0.258	N	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	0.258	pg/g	TRG		U	0.258	N	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.258	pg/g	TRG		U	0.258	N	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.258	pg/g	TRG		U	0.258	N	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.258	pg/g	TRG		U	0.258	N	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	51207-31-9	2,3,7,8-Tcdf	0.23	pg/g	TRG		J	0.0575	Y	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	1746-01-6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	0.461	pg/g	TRG		J	0.11525	Y	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	37871-00-4	Heptachlorodibenzo-P-Dioxin	2.48	pg/g	TRG			0.62	Y	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	38998-75-3	Heptachlorodibenzofuran	0.488	pg/g	TRG			0.122	Y	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	34465-46-8	Hexachlorinated Dibenzo-P-Dioxins, (Total)	2.88	pg/g	TRG			0.72	Y	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	55684-94-1	Hexachlorinated Dibenzofurans, (Total)	0.999	pg/g	TRG			0.24975	Y	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	3268-87-9	Octachlorodibenzo-P-Dioxin	14.3	pg/g	TRG		J	3.575	Y	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	39001-02-0	Octachlorodibenzofuran	0.517	pg/g	TRG		U	0.517	N	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	36088-22-9	Pentachlorinated Dibenzo-P-Dioxins, (Total	1.59	pg/g	TRG			0.3975	Y	DIOXIN	P

Table A-2
Outside the Burn Area Soil Analytical Results
Reservoir No. 2 Burning Ground
FOrmer Plum Brook Ordnance Works, Sandusky, Ohio

GROUP_NAME	LOCATION_CODE	NORTH	EAST	GROUND_ELEV	SAMPLE_TYPE	SAMPLE_DATE	START_DEPTH	END_DEPTH	SAMPLE_NO	PURPOSE	CASNO	PARAMETER	RESULT	UNITS	RESULT_TYPE	QUALIFIER	VAL_QUALIFIER	METH_DET_LIMIT	DETECT	USER_TEST_PANEL	USE
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	30402-15-4	Pentachlorinated Dibenzofurans, (Total)	1.49	pg/g	TRG			0.3725	Y	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	41903-57-5	TETRACHLORINATED DIBENZO-P-DIOXINS, (TOTAL	0.461	pg/g	TRG			0.11525	Y	DIOXIN	P
OUT_2BG	TR07-2				SO	19-May-04	1	2	TR07-2-A	REG	55722-27-5	Tetrachlorinated Dibenzofurans, (Total)	2.16	pg/g	TRG			0.54	Y	DIOXIN	P

APPENDIX B

RISK-BASED EVALUATION FOR DELINEATION OF SOIL CONTAMINATION OUTSIDE OF THE BURN AREA

Introduction

The Reservoir No. 2 Burning Ground (R2BG) at the former Plum Brook Ordnance Works (PBOW), Sandusky, Ohio, is divided into two areas: inside of the burn area and outside of the burn area. As described in Section 1.5.1 of the feasibility study (FS) text, additional samples were collected outside of the burn area subsequent to the remedial investigation (RI) and risk assessments. These samples were analyzed either for polychlorinated dibenzodioxins/furans (PCDD/F), or a suite of chemicals including PCDD/Fs, nitroaromatics, and polychlorinated biphenyls depending on previously existing data. They were collected to better delineate contamination, especially with respect to PCDD/Fs, because only three samples outside of the burn area had previously been analyzed for PCDD/Fs. A risk-based approach was used to evaluate the results of the samples collected outside of the burn area. Neither additional sampling nor further risk evaluation was required within the burn area because the contamination within the burn area was adequately delineated based on the RI effort.

It is emphasized that this sample-by-sample risk-based approach is not a formal risk assessment used to estimate the risk of a potential receptor. Instead, this approach is intended as a tool to help support remedial alternatives in the FS by aiding in the estimation of remedial areas and soil volumes for the FS.

Risk-Based Approach

This risk-based evaluation involves a comparison of the analytical results collected from each soil sample to risk-based delineation levels (RBDL). The RBDLs were derived from the U.S. Environmental Protection Agency (EPA) (2010a) regional screening levels (RSL) for residential soil. Residential use is assumed because land use in areas immediately adjacent to the Plum Brook Ordnance Works (PBOW) boundary includes residential properties, and the assumption of residential use is consistent with the criteria used to remediate other PBOW sites. The RSLs reflect an incremental lifetime cancer risk (ILCR) of 1E-6 or a hazard quotient (HQ) of 1. For a chemical such as trinitrotoluene (TNT) which has both cancer-based and non-cancer-based toxicity values, the RSL reflects the lower of the cancer-based and non-cancer-based concentrations. The RBDLs differ from the RSLs only in that both cancer-based and noncancer-based RBDLs are used for chemicals like TNT to calculate the cumulative ILCR and hazard index (HI), respectively. The RBDL values (though not identified as “RBDLs”) are included as supporting tables on the RSL Web site (EPA, 2010b). The RBDLs for the chemicals of concern (COC) and other potentially pertinent compounds are shown in Table B-1.

The results of this evaluation are used to determine whether the residual human health risk values associated with a given soil sample are within or below the risk management levels, including both noncancer hazards and cancer risks. EPA (1990) describes concentrations that result in ILCR values within the 1E-6 to 1E-4 range as acceptable, with the lower end of this range being the point of departure. At PBOW, a risk management goal has been defined for cancer risks as a combined ILCR that does not exceed 1E-5, and is defined for noncancer hazard as a combined HI that does not exceed a value of 1 (Ohio Environmental Protection Agency, 2004). These goals have been used for other PBOW sites such as TNT Areas A, B, and C. These goals are also recognized in Ohio Environmental Protection Agency (2009) guidance.

These soil sample-specific ILCR and HI values include the contributions of all COCs and other detected site-related nitroaromatic contaminants. These non-COC nitroaromatics were included as supplemental information for future consideration; for example, this information may be of interest if during the post-removal sampling, higher-than-anticipated concentrations of these non-COC nitroaromatics are detected. The contributions of the non-COCs were generally negligible. The maximum ILCR contributed by these compounds was less than 7E-7 (Sample BH42) and the contribution of these non-COCs to the HI for each sample was less than 0.1, except in Sample BH42, where the HI contribution of 0.38 represented only about 6 percent of the total HI of 6 for this sample.

For cancer risks, the ILCR value of a given soil sampling location is derived as follows:

$$ILCR_n = ILCR_{n\text{-}a} + ILCR_{n\text{-}b} + \ldots + ILCR_{n\text{-}z} \qquad \text{Eq. B-1}$$

Where:

$ILCR_n$ = combined incremental lifetime cancer risk (ILCR) value in sample "n"
$ILCR_{n\text{-}a}$ = ILCR value of chemical "a" in sample "n."

The ILCR values of the individual chemicals in a sample are calculated as follows:

$$ILCR_{n\text{-}a} = (C_{n\text{-}a} \div RBDL_{a(canc)}) \times ILCR_{RBDL} \qquad \text{Eq. B-2}$$

Where:

$ILCR_{n\text{-}a}$ = ILCR value of chemical "a" in sample "n"
$C_{n\text{-}a}$ = detected concentration of chemical "a" in sample "n"
$RBDL_{a(canc)}$ = cancer risk-based delineation level (RBDL) of chemical "a"
$ILCR_{RBDL}$ = ILCR of the RBDL (=1E-6).

For noncancer hazards, the HI value of a given soil sampling location is derived as follows:

$$HI_n = HQ_{n\text{-}a} + HQ_{n\text{-}b} + \ldots + HQ_{n\text{-}z} \qquad \text{Eq. B-3}$$

Where:

HI_n = combined hazard index value in sample "n"
$HQ_{n\text{-}a}$ = hazard quotient value of chemical "a" in sample "n."

The HQ values of the individual chemicals in a sample are calculated as follows:

$$HQ_{n\text{-}a} = C_{n\text{-}a} \div (RBDL_{a(nc)} \times HQ_{RBDL}) \qquad \text{Eq. B-4}$$

Where:

$HQ_{n\text{-}a}$ = HQ value of chemical "a" in sample "n"
$C_{n\text{-}a}$ = detected concentration of chemical "a" in sample "n"
$RBDL_{a(canc)}$ = noncancer RBDL of chemical "a"
HQ_{RBDL} = hazard quotient of the noncancer-based RBDL (= 1).

Only definitive laboratory data were used in the risk-based evaluation. These definitive data are adequate for comparative analysis to the RBDLs and the ultimate purpose of this evaluation in helping to delineate the extent of contamination for the FS.

The PCDD/Fs represent a special case. The chemical 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) is the only PCDD/F with an RSL or a cancer slope factor (EPA, 2010a; California Office of Environmental Health Hazard Assessment, 2011). However, because of similar mechanism of action, TCDD toxicity equivalency factors (TEF) were developed for 17 different PCDD/F congeners, including TCDD, which has a TEF equal to 1 (Van den Berg, et al., 2006). Before a determination can be made as to the carcinogenic for a given PCDD/F congener, the chemical may first be converted to a TCDD toxic equivalency (TEQ) concentration by multiplying the detected concentration of the PCDD/F by the TCDD TEF. Depending on the congener, the TCDD TEF values range from 0.0003 to 1. The standard practice of conversion to TCDD TEQ is shown by the following equation:

$$C_{n\text{-}p\text{-}TCDD\ TEQ} = C_{n\text{-}p} \times TEF_p \qquad \text{Eq. B-5}$$

Where:

$C_{n\text{-}p\text{-}TCDD\ TEQ}$ = Concentration of PCDD/F congener "p" in sample "n" based on TCDD TEQ
$C_{n\text{-}p}$ = detected concentration of PCDD/F congener "p" in sample "n"
TEF_p = TCDD toxicity equivalency factor of PCDD/F congener "p".

Once the concentration of a PCDD/F congener is calculated in TCDD TEQ, this calculated concentration value can be inserted into equation B-2 (as C_{n-a}) to determine its ILCR, using the RBDL for TCDD.

A slightly different rendition of this basic equation was performed to develop the congener-specific RBDLs shown in Table B-1. This was done so that the integrity of the actual analytical results was maintained in Table B-1 rather than converting these actual results to concentrations based on TCDD TEQ (using the Equation B-5 method). The congener-specific RBDLs were derived as follows:

$$RBDL_p = RBDL_{TCDD} \div TEF_{TCDD} \qquad \text{Eq. B-6}$$

Where:

$RBDL_p$	=	RBDL of PCDD/F congener "p"
$RBDL_{TCDD}$	=	RBDL of 2,3,7,8-TCDD
TEF_{TCDD}	=	TCDD toxicity equivalency factor of TCDD.

The calculated RBDL level for PCDD/F congener "p" resulting from Equation B-6 can be inserted into Equation B-2, along with the detected concentration of congener "p" (as C_{n-a}).

Note that this risk-based approach is used only as a tool to assist in the delineation of contamination. Therefore, the exceedance of either an HI of 1 and/or an ILCR of 1E-5 is not necessarily interpreted as meaning that the area represented by sample-specific analytical results has not been adequately delineated. The risk-based results of other adjacent samples and potentially other site-specific information were likewise considered in deriving a boundary to estimate the extent of contamination.

Results

Sample-by-sample ILCR and HI values are depicted on Figure 1-8 of the FS text. These ILCR and HI values, as well as chemical-specific HQ and ILCR values, are shown in Table B-1. From these results, it is observed that the ILCR of 19 samples (rounded to one significant figure) exceeded the PBOW cancer risk goal of 1E-5. Only four samples (rounded to one significant figure) exceeded the noncancer HI value of 1, and each of these four samples also exceeded the ILCR goal. Because cancer risk exceedances were more prevalent and also coincided with noncancer hazard exceedances, the contamination delineation focused on cancer risk rather than noncancer hazard.

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				Location:	2BGSO04				2BGSO04				2BGSO04				2BGSO05				2BGSO05			
				Sample No.:	1100				1110				1120				1130				1140			
				Sample Date:	1-Oct-96				2-Oct-96				2-Oct-96				1-Oct-96				2-Oct-96			
				Sample Depth:	0 - _5 Ft				2 - 3 Ft				6 - 7 Ft				0 - _5 Ft				2 - 3 Ft			
				Sample Purpose:	REG				REG				REG				REG				REG			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	Result[d]	VQ[e]	HQ	ILCR	Result[d]	VQ[e]	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR
Dioxins and Furans																								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450																				
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450																				
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450																				
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45																				
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45																				
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45																				
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45																				
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45																				
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45																				
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150																				
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5																				
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45																				
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15																				
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45																				
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5																				
Octachlorodibenzofuran	pg/g		0.0003	15000																				
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000																				
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR																								
Nitroaromatics																								
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*			-	-			-	-			*1.5*		*0.01*		-	-			-	-		
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*																						
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*			-	-			-	-		-	-	-			-	-			-	-		
Dinitrotoluene, 2,4-	mg/kg	120		0.71	0.064	J	0.00053333	9.01408E-08	-	-		-	-	-			0.16	J	0.00133333	2.2535E-07	-	-		
Dinitrotoluene, 2,6-	mg/kg	61		0.71	-	-			-	-		-	-	-			0.065	J	0.00106557	9.1549E-08	-	-		
Nitrotoluene, 2-[f]	*mg/kg*	*70*		*2.9*	-	-			-	-		-	-	-			-	-			-	-		
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*			-	-			-	-		-	-	-			-	-			-	-		
Nitrotoluene, 4-[f]	*mg/kg*	*240*		*30*																				
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*			-	-			-	-		-	-	-			-	-			-	-		
Trinitrotoluene, 2,4,6-	mg/kg	36		19	-	-			-	-		-	0.34		0.00944444	1.78947E-08	0.5		0.01388889	2.6316E-08	-	-		
Total Nitroaromatics HI/ILCR							0.00053333	9.01408E-08							0.01944444	1.78947E-08			0.0162878	3.4322E-07				
PCBs																								
Aroclor 1254	mg/kg	1.1		0.22	-	-			-	-		-	-	-			-	-			-	-		
Aroclor 1260	mg/kg			0.22	0.08			3.63636E-07	-	-		-	-	-			0.17			7.7273E-07	-	-		
Total PCBs HI/ILCR							0	3.63636E-07											0	7.7273E-07				
TOTAL ILCR - ALL COCs[g]								4.53777E-07				0				1.78947E-08				1.1159E-06				0
TOTAL HI - ALL COCs[h]							0.00053333				0				0.01944444				0.0162878				0	

				Location:	2BGSO05				2BGSO05				*2BGSO05 - fused with Oct 1996 sample [a]*				2BGSO06				2BGSO06			
				Sample No.:	1141				1150				BG0001				1160				1170			
				Sample Date:	2-Oct-96				2-Oct-96				12-Oct-10				1-Oct-96				2-Oct-96			
				Sample Depth:	2 - 3 Ft				6 - 7 Ft				0 - 1 Ft				0 - _5 Ft				2 - 3 Ft			
				Sample Purpose:	FD				REG				REG				REG				REG			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR
Dioxins and Furans																								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450									8.2			1.82222E-08								
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450									21			4.66667E-08								
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450									0.73	J		1.62222E-09								
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45									7.2			0.00000016								
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45									1.8	J		0.00000004								
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45									2.9	J		6.44444E-08								
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45									3.4	J		7.55556E-08								
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45									-	-										
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45									2.7	J		0.00000006								
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150									3.4	J		2.26667E-08								
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5									3.9	J		8.66667E-07								
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45									4.1	J		9.11111E-08								
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15									10			6.66667E-07								
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45									8.1			0.00000018								
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5									2.9			6.44444E-07								
Octachlorodibenzofuran	pg/g		0.0003	15000									10	J		6.66667E-10								
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000									83			5.53333E-09								
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR													13.2492			2.94427E-06								
Nitroaromatics																								
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*			-	-		-	-	-		-					-	-		-	-	-		
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*																						
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*			-	-		-	-	-		-					-	-		-	-	-		
Dinitrotoluene, 2,4-	mg/kg	120		0.71	-	-		-	-	-		-	0.16	J	0.00133333	2.25352E-07	-	-		-	-	-		
Dinitrotoluene, 2,6-	mg/kg	61		0.71	-	-		-	-	-		-	0.065	J	0.00106557	9.15493E-08	-	-		-	-	-		
Nitrotoluene, 2-[f]	*mg/kg*	*70*		*2.9*	-	-		-	-	-		-					-	-		-	-	-		
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*			-	-		-	-	-		-					-	-		-	-	-		
Nitrotoluene, 4-[f]	*mg/kg*	*240*		*30*																				
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*			-	-		-	-	-		-					-	-		-	-	-		
Trinitrotoluene, 2,4,6-	mg/kg	36		19	-	-		-	-	-		-	0.5		0.01388889	2.63158E-08	-	-		-	-	-		
Total Nitroaromatics HI/ILCR															0.0162878	3.43217E-07								
PCBs																								
Aroclor 1254	mg/kg	1.1		0.22	-	-		-	-	-		-	-	-			-	-		-	-	-		
Aroclor 1260	mg/kg			0.22	-	-		-	-	-		-	0.17			7.72727E-07	-	-		-	-	-		
Total PCBs HI/ILCR															0	7.72727E-07								
TOTAL ILCR - ALL COCs[g]								0				0				4.06021E-06				0				0
TOTAL HI - ALL COCs[h]							0				0				0.0162878				0				0	

				Location:	2BGSO06				2BGSO07				2BGSO07				2BGSO07				2BGSO07			
				Sample No.:	1180				1190				1200				1210				1211			
				Sample Date:	2-Oct-96				1-Oct-96				2-Oct-96				2-Oct-96				2-Oct-96			
				Sample Depth:	6 - 7 Ft				0 - _5 Ft				2 - 3 Ft				6 - 7 Ft				6 - 7 Ft			
				Sample Purpose:	REG				REG				REG				REG				FD			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR
Dioxins and Furans																								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450																				
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450																				
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450																				
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45																				
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45																				
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45																				
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45																				
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45																				
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45																				
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150																				
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5																				
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45																				
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15																				
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45																				
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5																				
Octachlorodibenzofuran	pg/g		0.0003	15000																				
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000																				
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR																								
Nitroaromatics																								
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*			-	-		-	-	-			-	-		-	-	-		-	-	-		-
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*																						
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*			-	-		-	-	-			-	-		-	-	-		-	-	-		-
Dinitrotoluene, 2,4-	mg/kg	120		0.71	-	-		-	21		0.175	2.95775E-05	-	-		-	-	-		-	-	-		-
Dinitrotoluene, 2,6-	mg/kg	61		0.71	-	-		-	10		0.16393443	1.40845E-05	-	-		-	-	-		-	-	-		-
Nitrotoluene, 2-[f]	*mg/kg*	*70*		*2.9*	-	-		-	-	-			-	-		-	-	-		-	-	-		-
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*			-	-		-	-	-			-	-		-	-	-		-	-	-		-
Nitrotoluene, 4-[f]	*mg/kg*	*240*		*30*																				
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*			-	-		-	-	-			-	-		-	-	-		-	-	-		-
Trinitrotoluene, 2,4,6-	mg/kg	36		19	-	-		-	31		0.86111111	1.63158E-06	-	-		-	-	-		-	-	-		-
Total Nitroaromatics HI/ILCR											1.20004554	4.52936E-05												
PCBs																								
Aroclor 1254	mg/kg	1.1		0.22	-	-		-	-	-			-	-		-	-	-		-	-	-		-
Aroclor 1260	mg/kg			0.22	-	-		-	1.5			6.81818E-06	-	-		-	-	-		-	-	-		-
Total PCBs HI/ILCR											0	6.81818E-06												
TOTAL ILCR - ALL COCs[g]								0				5.21117E-05				0				0				0
												CANC!												
TOTAL HI - ALL COCs[h]							0				1.20004554				0				0				0	

				Location:	2BGSO08				2BGSO08				2BGSO08				BH09				BH09			
				Sample No.:	1220				1230				1240				BH09A(0-1)				BH09A(3-5)			
				Sample Date:	1-Oct-96				2-Oct-96				2-Oct-96				20-May-04				26-May-04			
				Sample Depth:	0 - _5 Ft				2 - 3 Ft				6 - 7 Ft				0 - 1 Ft				3 - 5 Ft			
				Sample Purpose:	REG				REG				REG				REG				REG			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR
Dioxins and Furans																								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450													5.68	J		1.26222E-08				
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450													8.29			1.84222E-08				
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450													0.593	J		1.31778E-09				
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45													7.35	J		1.63333E-07				
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45													1.29	J		2.86667E-08				
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45													4.49	J		9.97778E-08				
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45													1.64	J		3.64444E-08				
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45													0.375	J		8.33333E-09				
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45													1.32	J		2.93333E-08				
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150													3.7	J		2.46667E-08				
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5													2.67			5.93333E-07				
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45													3.79	J		8.42222E-08				
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15													8.25	J		0.00000055				
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45													7.14	J		1.58667E-07				
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5													1.79			3.97778E-07				
Octachlorodibenzofuran	pg/g		0.0003	15000													5.29			3.52667E-10				
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000													35.8			2.38667E-09				
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR																	9.943457			2.20966E-06				
Nitroaromatics																								
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*			-	-			-	-		-	-	-		-	-	-			-	-		-
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*															-	-			-	-		-
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*			-	-			-	-		-	-	-		-	-	-			-	-		-
Dinitrotoluene, 2,4-	mg/kg	120		0.71	40		0.33333333	5.6338E-05	-	-		-	-	-		-	0.429	J	0.003575	6.04225E-07	-	-		-
Dinitrotoluene, 2,6-	mg/kg	61		0.71	-	-			-	-		-	-	-		-	-	-			-	-		-
Nitrotoluene, 2-[f]	*mg/kg*	*70*		*2.9*	-	-			-	-		-	-	-		-	-	-			-	-		-
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*			-	-			-	-		-	-	-		-	-	-			-	-		-
Nitrotoluene, 4-[f]	*mg/kg*	*240*		*30*													-	-			-	-		-
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*			*15*		*0.00681818*		-	-		-	-	-		-	-	-			-	-		-
Trinitrotoluene, 2,4,6-	mg/kg	36		19	210		5.83333333	1.10526E-05	-	-		-	-	-		-	2.45		0.06805556	1.28947E-07	-	-		-
Total Nitroaromatics HI/ILCR							6.17348485	6.73907E-05											0.07163056	7.33173E-07				
PCBs																								
Aroclor 1254	mg/kg	1.1		0.22	-	-			-	-		-	-	-		-								
Aroclor 1260	mg/kg			0.22	1.4			6.36364E-06	-	-		-	-	-		-	0.84	J		3.81818E-06	-	-		-
Total PCBs HI/ILCR							0	6.36364E-06											0	3.81818E-06				
TOTAL ILCR - ALL COCs[g]								7.37543E-05				0				0				6.76101E-06				0
								CANC!																
TOTAL HI - ALL COCs[h]							6.17348485				0				0				0.07163056				0	
							NC!																	

				Location:	BH09				BH10				BH10				BH10				BH11			
				Sample No.:	BH09A(8-10)				BH10A(0-1)				BH10A(3-5)				BH10A(8-10)				BH11A(0-1)			
				Sample Date:	26-May-04				20-May-04				26-May-04				26-May-04				20-May-04			
				Sample Depth:	8 - 10 Ft				0 - 1 Ft				3 - 5 Ft				8 - 10 Ft				0 - 1 Ft			
				Sample Purpose:	REG				REG				REG				REG				REG			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR
Dioxins and Furans																								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450					7.49	J		1.6644E-08									4.51	J		1.0022E-08
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450					22.7			5.0444E-08									9.98			2.2178E-08
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450					0.715	J		1.5889E-09									-	-		
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45					8.35	J		1.8556E-07									3.85	J		8.5556E-08
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45					4.52			1.0044E-07									1.89	J		4.2E-08
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45					4.11	J		9.1333E-08									1.97	J		4.3778E-08
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45					4.89			1.0867E-07									2.16	J		4.8E-08
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45					0.54	J		1.2E-08									-	-		
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45					3.56			7.9111E-08									1.73	J		3.8444E-08
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150					4.41	J		2.94E-08									1.83	J		1.22E-08
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5					8.88			1.9733E-06									3.76			8.3556E-07
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45					4.98	J		1.1067E-07									2.46	J		5.4667E-08
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15					11.8	J		7.8667E-07									5	J		3.3333E-07
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45					12.2	J		2.7111E-07									5.74	J		1.2756E-07
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5					4.3			9.5556E-07									2			4.4444E-07
Octachlorodibenzofuran	pg/g		0.0003	15000					5.31			3.54E-10									7.3			4.8667E-10
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000					86.4			5.76E-09									43.4			2.8933E-09
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR									21.503863			4.7786E-06									9.45501			2.1011E-06
Nitroaromatics																								
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*			-	-		-	-	-			-	-		-	-	-		-	-	-		-
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*			-	-		-	*0.487*	*J*	*0.00324667*		-	-		-	-	-		-	-	-		-
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*			-	-		-	-	-			-	-		-	-	-		-	-	-		-
Dinitrotoluene, 2,4-	mg/kg	120		0.71	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-
Dinitrotoluene, 2,6-	mg/kg	61		0.71	-	-		-	-	-		-	-	-		-	-	-		-	-	-		-
Nitrotoluene, 2-[f]	*mg/kg*	*70*		*2.9*	-	-		-	-	-			-	-		-	-	-		-	-	-		-
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*			-	-		-	-	-			-	-		-	-	-		-	-	-		-
Nitrotoluene, 4-[f]	*mg/kg*	*240*		*30*	-	-		-	-	-			-	-		-	-	-		-	-	-		-
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*			-	-		-	-	-			-	-		-	-	-		-	-	-		-
Trinitrotoluene, 2,4,6-	mg/kg	36		19	-	-		-	0.928	J	0.02577778	4.8842E-08	-	-		-	-	-		-	-	-		-
Total Nitroaromatics HI/ILCR											0.02902444	4.8842E-08												
PCBs																								
Aroclor 1254	mg/kg	1.1		0.22																				
Aroclor 1260	mg/kg			0.22					-	-			-	-		-					-	-		-
Total PCBs HI/ILCR																								
TOTAL ILCR - ALL COCs[g]								0				4.8275E-06				0				0				2.1011E-06
TOTAL HI - ALL COCs[h]							0				0.02902444				0				0				0	

				Location:	BH11				BH11				BH12				BH12				BH12			
				Sample No.:	BH11A(3-5)				BH11A(8-10)				BH12A(0-1)				BH12A(3-5)				BH12A(8-10)			
				Sample Date:	20-May-04				24-May-04				22-May-04				24-May-04				24-May-04			
				Sample Depth:	3 - 5 Ft				8 - 10 Ft				0 - 1 Ft				3 - 5 Ft				8 - 10 Ft			
				Sample Purpose:	REG				REG				REG				REG				REG			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR
Dioxins and Furans																								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450																				
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450																				
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450																				
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45																				
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45																				
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45																				
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45																				
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45																				
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45																				
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150																				
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5																				
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45																				
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15																				
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45																				
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5																				
Octachlorodibenzofuran	pg/g		0.0003	15000																				
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000																				
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR																								
Nitroaromatics																								
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*			-	-		-	-	-		-	*2.04*	*J*	*0.0136*		-	-		-	-	-		-
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*			-	-		-	-	-		-	-	-			-	-		-	-	-		-
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*			-	-		-	-	-		-	-	-			-	-		-	-	-		-
Dinitrotoluene, 2,4-	mg/kg	120		0.71	-	-		-	-	-		-	1.04	J	0.00866667	1.4648E-06	-	-		-	-	-		-
Dinitrotoluene, 2,6-	mg/kg	61		0.71	-	-		-	-	-		-	0.152	J	0.0024918	2.1408E-07	-	-		-	-	-		-
Nitrotoluene, 2-[f]	*mg/kg*	*70*		*2.9*	-	-		-	-	-		-	-	-			-	-		-	-	-		-
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*			-	-		-	-	-		-	-	-			-	-		-	-	-		-
Nitrotoluene, 4-[f]	*mg/kg*	*240*		*30*	-	-		-	-	-		-	-	-			-	-		-	-	-		-
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*			-	-		-	-	-		-	-	-			-	-		-	-	-		-
Trinitrotoluene, 2,4,6-	mg/kg	36		19	-	-		-	-	-		-	4.64		0.12888889	2.4421E-07	-	-		-	-	-		-
Total Nitroaromatics HI/ILCR															0.15364736	1.9231E-06								
PCBs																								
Aroclor 1254	mg/kg	1.1		0.22																				
Aroclor 1260	mg/kg			0.22	-	-		-					5.33			2.4227E-05	-	-		-				
Total PCBs HI/ILCR															0	2.4227E-05								
TOTAL ILCR - ALL COCs[g]								0				0				2.615E-05				0				0
																CANC!								
TOTAL HI - ALL COCs[h]							0				0				0.15364736				0				0	

				Location:	BH13				BH13				BH13				BH13				BH14			
				Sample No.:	BH13A(0-1)				BH13A(3-5)				BH13A(8-10)				BH13D(3-5)				BH14A(3-5)			
				Sample Date:	21-May-04				24-May-04				24-May-04				24-May-04				24-May-04			
				Sample Depth:	0 - 1 Ft				3 - 5 Ft				8 - 10 Ft				3 - 5 Ft				3 - 5 Ft			
				Sample Purpose:	REG				REG				REG				FD				REG			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR
Dioxins and Furans																								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450																				
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450																				
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450																				
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45																				
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45																				
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45																				
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45																				
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45																				
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45																				
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150																				
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5																				
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45																				
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15																				
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45																				
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5																				
Octachlorodibenzofuran	pg/g		0.0003	15000																				
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000																				
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR																								
Nitroaromatics																								
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*			-	-			-	-		-	-	-		-	-	-		-	-	-		-
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*			-	-			-	-		-	-	-		-	-	-		-	-	-		-
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*			-	-			-	-		-	-	-		-	-	-		-	-	-		-
Dinitrotoluene, 2,4-	mg/kg	120		0.71	1.37	J	0.01141667	1.9296E-06	-	-		-	-	-		-	-	-		-	-	-		-
Dinitrotoluene, 2,6-	mg/kg	61		0.71	-	-			-	-		-	-	-		-	-	-		-	-	-		-
Nitrotoluene, 2-[f]	*mg/kg*	*70*		*2.9*	-	-			-	-		-	-	-		-	-	-		-	-	-		-
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*			-	-			-	-		-	-	-		-	-	-		-	-	-		-
Nitrotoluene, 4-[f]	*mg/kg*	*240*		*30*	-	-			-	-		-	-	-		-	-	-		-	-	-		-
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*			-	-			-	-		-	-	-		-	-	-		-	-	-		-
Trinitrotoluene, 2,4,6-	mg/kg	36		19	2.23	J	0.06194444	1.1737E-07	-	-		-	-	-		-	-	-		-	-	-		-
Total Nitroaromatics HI/ILCR							0.07336111	2.0469E-06																
PCBs																								
Aroclor 1254	mg/kg	1.1		0.22																				
Aroclor 1260	mg/kg			0.22	-	-			-	-		-					-	-		-	-	-		-
Total PCBs HI/ILCR																								
TOTAL ILCR - ALL COCs[g]								2.0469E-06				0				0				0				0
TOTAL HI - ALL COCs[h]							0.07336111				0				0				0				0	

				Location:	BH14				BH14				BH15				BH15				BH15			
				Sample No.:	BH14A(8-10)				BG0006				BH15A(0-1)				BH15D(0-1)				BH15A(3-5)			
				Sample Date:	24-May-04				12-Oct-10				21-May-04				21-May-04				25-May-04			
				Sample Depth:	8 - 10 Ft				0 - 1 Ft				0 - 1 Ft				0 - 1 Ft				3 - 5 Ft			
				Sample Purpose:	REG				REG				REG				FD				REG			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR
Dioxins and Furans																								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450					6.7			1.4889E-08												
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450					12			2.6667E-08												
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450					0.57	J		1.2667E-09												
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45					9.9	J		0.00000022												
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45					1.3	J		2.8889E-08												
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45					4	J		8.8889E-08												
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45					2.4	J		5.3333E-08												
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45					-	-														
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45					1.7	J		3.7778E-08												
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150					3.6	J		2.4E-08												
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5					3.5	J		7.7778E-07												
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45					3.6	J		0.00000008												
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15					8.1			0.00000054												
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45					7			1.5556E-07												
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5					2.6			5.7778E-07												
Octachlorodibenzofuran	pg/g		0.0003	15000					5.3	J		3.5333E-10												
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000					72			4.8E-09												
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR									11.84389			2.632E-06												
Nitroaromatics																								
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*			-	-		-					*1.92*	J	*0.0128*		-	-			-	-		
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*			-	-		-					-	-			-	-			-	-		
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*			-	-		-					-	-			-	-			-	-		
Dinitrotoluene, 2,4-	mg/kg	120		0.71	-	-		-					0.341	J	0.00284167	4.8028E-07	0.92	J	0.00766667	1.2958E-06	0.7	J	0.00583333	9.8592E-07
Dinitrotoluene, 2,6-	mg/kg	61		0.71	-	-		-					-	-			-	-			-	-		
Nitrotoluene, 2-[f]	*mg/kg*	*70*		*2.9*	-	-		-					-	-			-	-			-	-		
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*			-	-		-					-	-			-	-			-	-		
Nitrotoluene, 4-[f]	*mg/kg*	*240*		*30*	-	-		-					-	-			-	-			-	-		
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*			-	-		-					-	-			*0.441*		*0.00020045*		-	-		
Trinitrotoluene, 2,4,6-	mg/kg	36		19	-	-		-	0.364	J	0.01011111	1.9158E-08	13.6	J	0.37777778	7.1579E-07	47.7	J	1.325	2.5105E-06	0.95	J	0.02638889	0.00000005
Total Nitroaromatics HI/ILCR											0.01011111	1.9158E-08			0.39341944	1.1961E-06			1.33286712	3.8063E-06			0.03222222	1.0359E-06
PCBs																								
Aroclor 1254	mg/kg	1.1		0.22																				
Aroclor 1260	mg/kg			0.22									-	-			-	-			-	-		
Total PCBs HI/ILCR																								
TOTAL ILCR - ALL COCs[g]								0				2.6511E-06				1.1961E-06				3.8063E-06				1.0359E-06
TOTAL HI - ALL COCs[h]							0				0.01011111				0.39341944				1.33286712				0.03222222	

				Location:	BH15				BH15				BH16				BH16				BH16			
				Sample No.:	BH15A(8-10)				BH15D(3-5)				BH16A(0-1)				BH16A(3-5)				BH16A(8-10)			
				Sample Date:	25-May-04				25-May-04				22-May-04				25-May-04				25-May-04			
				Sample Depth:	8 - 10 Ft				3 - 5 Ft				0 - 1 Ft				3 - 5 Ft				8 - 10 Ft			
				Sample Purpose:	REG				FD				REG				REG				REG			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR
Dioxins and Furans																								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450																				
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450																				
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450																				
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45																				
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45																				
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45																				
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45																				
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45																				
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45																				
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150																				
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5																				
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45																				
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15																				
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45																				
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5																				
Octachlorodibenzofuran	pg/g		0.0003	15000																				
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000																				
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR																								
Nitroaromatics																								
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*			-	-			-	-			-	-		-	-	-			-	-		
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*			-	-			-	-			-	-		-	-	-			-	-		
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*			-	-			-	-			-	-		-	-	-			-	-		
Dinitrotoluene, 2,4-	mg/kg	120		0.71	0.506		0.00421667	7.1268E-07	0.809		0.00674167	1.1394E-06	-	-		-	0.417	J	0.003475	5.8732E-07	0.639		0.005325	0.0000009
Dinitrotoluene, 2,6-	mg/kg	61		0.71	-	-			-	-			-	-		-	-	-			-	-		
Nitrotoluene, 2-[f]	*mg/kg*	*70*		*2.9*	-	-			-	-			-	-		-	-	-			-	-		
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*			-	-			-	-			-	-		-	-	-			-	-		
Nitrotoluene, 4-[f]	*mg/kg*	*240*		*30*	-	-			-	-			-	-		-	-	-			-	-		
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*			-	-			-	-			-	-		-	-	-			-	-		
Trinitrotoluene, 2,4,6-	mg/kg	36		19	0.311	J	0.00863889	1.6368E-08	0.683		0.01897222	3.5947E-08	-	-		-	0.763		0.02119444	4.0158E-08	0.229	J	0.00636111	1.2053E-08
Total Nitroaromatics HI/ILCR							0.01285556	7.2904E-07			0.02571389	1.1754E-06							0.02466944	6.2748E-07			0.01168611	9.1205E-07
PCBs																								
Aroclor 1254	mg/kg	1.1		0.22																				
Aroclor 1260	mg/kg			0.22					-	-			-	-		-	-	-						
Total PCBs HI/ILCR																								
TOTAL ILCR - ALL COCs[g]								7.2904E-07				1.1754E-06				0				6.2748E-07				9.1205E-07
TOTAL HI - ALL COCs[h]							0.01285556				0.02571389				0				0.02466944				0.01168611	

				Location:	BH21 - Fused with 2004 FD sample[a]				BH22				BH22				BH23				BH24			
				Sample No.:	BG0012				BH22A(0-1)				BG0015				BH23A(0-1)				BH24A(0-1)			
				Sample Date:	12-Oct-10				22-May-04				12-Oct-10				22-May-04				22-May-04			
				Sample Depth:	0 - 1 Ft				0 - 1 Ft				0 - 1 Ft				0 - 1 Ft				0 - 1 Ft			
				Sample Purpose:	REG				REG				REG				REG				REG			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR
Dioxins and Furans																								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450	3.5	J		7.7778E-09					4.7	J		1.0444E-08								
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450	8.4			1.8667E-08					5	J		1.1111E-08								
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450	-	-							1.1	J		2.4444E-09								
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	2.5	J		5.5556E-08					6.3	J		0.00000014								
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	0.94	J		2.0889E-08					0.45	J		0.00000001								
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	1.5	J		3.3333E-08					1.2	J		2.6667E-08								
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	0.98	J		2.1778E-08					0.96	J		2.1333E-08								
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45	-	-							-	-										
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	1.4	J		3.1111E-08					0.73	J		1.6222E-08								
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150	1.3	J		8.6667E-09					0.58	J		3.8667E-09								
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5	1.9	J		4.2222E-07					1.6	J		3.5556E-07								
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	1.3	J		2.8889E-08					1.2	J		2.6667E-08								
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15	4.3	J		2.8667E-07					1.9	J		1.2667E-07								
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45	3.3			7.3333E-08					1.7	J		3.7778E-08								
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5	1.4	J		3.1111E-07					3	J		6.6667E-07								
Octachlorodibenzofuran	pg/g		0.0003	15000	3	J		2E-10					13			8.6667E-10								
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000	58			3.8667E-09					37			2.4667E-09								
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR					5.9583			1.3241E-06					6.5644			1.4588E-06								
Nitroaromatics																								
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*							-	-		-					-	-			*1.57*		*0.01046667*	
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*							-	-		-					-	-			-	-		
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*							-	-		-					-	-			-	-		
Dinitrotoluene, 2,4-	mg/kg	120		0.71					-	-		-					2.71	J	0.02258333	3.8169E-06	0.85	J	0.00708333	1.1972E-06
Dinitrotoluene, 2,6-	mg/kg	61		0.71					-	-		-					-	-			-	-		
Nitrotoluene, 2-[f]	*mg/kg*	*70*		*2.9*					-	-		-					-	-			-	-		
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*							-	-		-					-	-			-	-		
Nitrotoluene, 4-[f]	*mg/kg*	*240*		*30*					-	-		-					-	-			-	-		
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*							-	-		-					-	-			-	-		
Trinitrotoluene, 2,4,6-	mg/kg	36		19	0.284	J	0.00788889	1.4947E-08	-	-		-					2270		63.0555556	0.00011947	1.97	J	0.05472222	1.0368E-07
Total Nitroaromatics HI/ILCR							0.00788889	1.4947E-08											63.0781389	0.00012329			0.07227222	1.3009E-06
PCBs																								
Aroclor 1254	mg/kg	1.1		0.22																				
Aroclor 1260	mg/kg			0.22					-	-		-					44.4	J		0.00020182	2.63	J		1.1955E-05
Total PCBs HI/ILCR																			0	0.00020182			0	1.1955E-05
TOTAL ILCR - ALL COCs[g]								1.339E-06				0				1.4588E-06				0.00032511				1.3255E-05
																				CANC!				
TOTAL HI - ALL COCs[h]							0.00788889				0				0				63.0781389				0.07227222	
																			NC!					

				Location:	BH25				BH26 - Fused with 2004 REG sample[a]				BH27 - Fused with 2005 sample[a]				BH28 - Fused with 2005 sample[a]				BH28			
				Sample No.:	BH25-A-(0-0_5)				BG0010				BG0013				BG0016				BG0021			
				Sample Date:	22-Apr-05				12-Oct-10				12-Oct-10				12-Oct-10				12-Oct-10			
				Sample Depth:	0 - _5 Ft				0 - 1 Ft				0 - 1 Ft				0 - 1 Ft				0 - 1 Ft			
				Sample Purpose:	REG				REG				REG				REG				FD			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR
Dioxins and Furans																								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450					2	J		4.4444E-09	19			4.2222E-08	5.7	J		1.2667E-08	4.4	J		9.7778E-09
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450					5.4	J		1.2E-08	34			7.5556E-08	24	J		5.3333E-08	14	J		3.1111E-08
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450					-	-			1.7	J		3.7778E-09	-	-			0.36	J		8E-10
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45					1.1	J		2.4444E-08	25	J		5.5556E-07	5.8	J		1.2889E-07	4.3	J		9.5556E-08
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45					-	-			4.9	J		1.0889E-07	1.7	J		3.7778E-08	1.6	J		3.5556E-08
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45					0.48	J		1.0667E-08	9.5			2.1111E-07	1.4	J		3.1111E-08	1.5	J		3.3333E-08
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45					0.69	J		1.5333E-08	6.5			1.4444E-07	3.1	J		6.8889E-08	2.5	J		5.5556E-08
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45					-	-			-	-			-	-			-	-		
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45					-	-			3.7	J		8.2222E-08	2.4	J		5.3333E-08	2.1	J		4.6667E-08
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150					-	-			10			6.6667E-08	2.3	J		1.5333E-08	1.7	J		1.1333E-08
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5					0.9	J		0.0000002	7.9	J		1.7556E-06	4	J		8.8889E-07	3.7	J		8.2222E-07
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45					0.43	J		9.5556E-09	9.8			2.1778E-07	2.3	J		5.1111E-08	1.7	J		3.7778E-08
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15					0.97	J		6.4667E-08	24			0.0000016	5.9	J		3.9333E-07	5.2	J		3.4667E-07
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45					1.1	J		2.4444E-08	23			5.1111E-07	5.4			0.00000012	5.6			1.2444E-07
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5					1.4	J		3.1111E-07	4.6			1.0222E-06	3.7			8.2222E-07	3			6.6667E-07
Octachlorodibenzofuran	pg/g		0.0003	15000					1.8	J		1.2E-10	16	J		1.0667E-09	5.9	J		3.9333E-10	4	J		2.6667E-10
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000					39			2.6E-09	180			1.2E-08	86			5.7333E-09	66			4.4E-09
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR									3.05724			6.7939E-07	28.8458			6.4102E-06	12.07357			2.683E-06	10.4496			2.3221E-06
Nitroaromatics																								
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*			*3.3*		*0.022*						*0.9*		*0.006*									
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*			*4.3*		*0.02866667*						*0.92*		*0.00613333*									
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*			*0.22*	*J*	*0.03606557*						-	-										
Dinitrotoluene, 2,4-	mg/kg	120		0.71	2.9		0.02416667	4.08451E-06					0.86		0.00716667	1.2113E-06								
Dinitrotoluene, 2,6-	mg/kg	61		0.71	1.3		0.02131148	1.83099E-06					0.35	J	0.0057377	4.9296E-07								
Nitrotoluene, 2-[f]	*mg/kg*	*70*		*2.9*	*0.13*	*J*	*0.00185714*	*4.48276E-08*					-	-										
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*			-	-							-	-										
Nitrotoluene, 4-[f]	*mg/kg*	*240*		*30*	-	-							-	-										
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*			*0.74*		*0.00033636*						*0.21*	*J*	*9.5455E-05*									
Trinitrotoluene, 2,4,6-	mg/kg	36		19	23		0.63888889	1.21053E-06	0.16	J	0.00444444	8.4211E-09	14		0.38888889	7.3684E-07	0.16	J	0.00444444	8.4211E-09				
Total Nitroaromatics HI/ILCR							0.77329278	7.17085E-06			0.00444444	8.4211E-09			0.41402205	2.4411E-06			0.00444444	8.4211E-09				
PCBs																								
Aroclor 1254	mg/kg	1.1		0.22																				
Aroclor 1260	mg/kg			0.22	3.5	J		1.59091E-05	0.21			9.5455E-07	1.9	J		8.6364E-06	0.15			6.8182E-07				
Total PCBs HI/ILCR							0	1.59091E-05			0	9.5455E-07			0	8.6364E-06			0	6.8182E-07				
TOTAL ILCR - ALL COCs[g]								2.30799E-05				1.6424E-06				1.7488E-05				3.3733E-06				2.3221E-06
								CANC!								CANC!								
TOTAL HI - ALL COCs[h]							0.77329278				0.00444444				0.41402205				0.00444444				0	

				Location:	BH28				BH29 - Fused with 2005 sample[a]				BH30 - Fused with 2005 sample[a]				BH31 - Fused with 2005 sample[a]				BH32 - Fused with 2005 sample[a]			
				Sample No.:	BG0022				BG0018				BG0008				BG0011				BG0014			
				Sample Date:	12-Oct-10				12-Oct-10				12-Oct-10				12-Oct-10				12-Oct-10			
				Sample Depth:	0 - 1 Ft				0 - 1 Ft				0 - 1 Ft				0 - 1 Ft				0 - 1 Ft			
				Sample Purpose:	FS				REG				REG				REG				REG			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR
Dioxins and Furans																								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450	2.45	J		5.4444E-09	26			5.7778E-08	1.7	J		3.7778E-09	2.1	J		4.6667E-09	6.2	J		1.3778E-08
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450	6.68			1.4844E-08	46			1.0222E-07	4.3	J		9.5556E-09	7.2	J		1.6E-08	20			4.4444E-08
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450	0.239	B		5.3111E-10	2.4	J		5.3333E-09	-	-			-	-			0.58	J		1.2889E-09
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	12.2			2.7111E-07	29	J		6.4444E-07	0.68	J		1.5111E-08	2.1	J		4.6667E-08	3.9	J		8.6667E-08
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	0.793	J		1.7622E-08	9			0.0000002	0.39	J		8.6667E-09	-	-			2.2	J		4.8889E-08
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	1.2	J		2.6667E-08	11	J		2.4444E-07	0.59	J		1.3111E-08	0.99	J		2.2E-08	1.7	J		3.7778E-08
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	1.02	J		2.2667E-08	11			2.4444E-07	1	J		2.2222E-08	-	-			3.2	J		7.1111E-08
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45	-	-			0.28	J		6.2222E-09	-	-			-	-			-	-		
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	0.668	J		1.4844E-08	9.1	J		2.0222E-07	0.86	J		1.9111E-08	-	-			2.3	J		5.1111E-08
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150	2.1	J		1.4E-08	11			7.3333E-08	0.76	J		5.0667E-09	-	-			2	J		1.3333E-08
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5	1.63	J		3.6222E-07	28	J		6.2222E-06	1.1	J		2.4444E-07	2.6	J		5.7778E-07	4.7	J		1.0444E-06
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	1.13	J		2.5111E-08	9.2			2.0444E-07	0.42	J		9.3333E-09	1.2	J		2.6667E-08	2.1	J		4.6667E-08
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15	2.81	J		1.8733E-07	24			0.0000016	1.4	J		9.3333E-08	3	J		0.0000002	5	J		3.3333E-07
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45	2.48			5.5111E-08	25			5.5556E-07	1.5			3.3333E-08	2.6	J		5.7778E-08	5.4			0.00000012
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5	1.36			3.0222E-07	17			3.7778E-06	0.99	J		0.00000022	2.4			5.3333E-07	3.3			7.3333E-07
Octachlorodibenzofuran	pg/g		0.0003	15000	2.06	J		1.3733E-10	18			1.2E-09	1.9	J		1.2667E-10	2.6	J		1.7333E-10	5.6	J		3.7333E-10
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000	31.8			2.12E-09	150			0.00000001	31			2.0667E-09	48			3.2E-09	110			7.3333E-09
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR					5.948948			1.322E-06	63.6824			1.4152E-05	3.14667			6.9926E-07	6.69718			1.4883E-06	11.94248			2.6539E-06
Nitroaromatics																								
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*							*0.99*		*0.0066*													
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*							*1.3*		*0.00866667*													
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*							-	-														
Dinitrotoluene, 2,4-	mg/kg	120		0.71					0.59		0.00491667	8.3099E-07												
Dinitrotoluene, 2,6-	mg/kg	61		0.71					0.19	J	0.00311475	2.6761E-07												
Nitrotoluene, 2-[f]	*mg/kg*	*70*		*2.9*					-	-														
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*							-	-														
Nitrotoluene, 4-[f]	*mg/kg*	*240*		*30*					-	-														
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*							-	-														
Trinitrotoluene, 2,4,6-	mg/kg	36		19					4.6		0.12777778	2.4211E-07												
Total Nitroaromatics HI/ILCR											0.15107587	1.3407E-06												
PCBs																								
Aroclor 1254	mg/kg	1.1		0.22																				
Aroclor 1260	mg/kg			0.22					0.83			3.7727E-06	0.081			3.6818E-07	0.03			1.3636E-07	0.013			5.9091E-08
Total PCBs HI/ILCR											0	3.7727E-06			0	3.6818E-07			0	1.3636E-07			0	5.9091E-08
TOTAL ILCR - ALL COCs[g]								1.322E-06				1.9265E-05				1.0674E-06				1.6246E-06				2.713E-06
TOTAL HI - ALL COCs[h]							0				0.15107587				0				0				0	

				Location:	BH33				BH34				BH35				BH36 Fused with 2005 FD sample[a]				BH37 - Fused with 2005 sample[a]			
				Sample No.:	BH33-A-(0-0_5)				BH34-A-(0-0_5)				BH35A-(0-0_5)				BG0002				BG0003			
				Sample Date:	22-Apr-05				22-Apr-05				6-Dec-05				12-Oct-10				12-Oct-10			
				Sample Depth:	0 - _5 Ft				0 - _5 Ft				0 - _5 Ft				0 - 1 Ft				0 - 1 Ft			
				Sample Purpose:	REG				REG				REG				REG				REG			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR
Dioxins and Furans																								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450													30			6.6667E-08	25			5.5556E-08
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450													17			3.7778E-08	31			6.8889E-08
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450													2.2	J		4.8889E-09	2.3	J		5.1111E-09
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45													43	J		9.5556E-07	39	J		8.6667E-07
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45													0.67	J		1.4889E-08	2.1	J		4.6667E-08
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45													12	J		2.6667E-07	14	J		3.1111E-07
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45													1.9	J		4.2222E-08	3.1	J		6.8889E-08
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45													-	-			-	-		
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45													1.4	J		3.1111E-08	2.8	J		6.2222E-08
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150													12			0.00000008	16			1.0667E-07
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5													2.1	J		4.6667E-07	4.4	J		9.7778E-07
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45													18			0.0000004	15			3.3333E-07
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15													34			2.2667E-06	39			0.0000026
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45													26			5.7778E-07	36			0.0000008
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5													2.5			5.5556E-07	3.6			0.0000008
Octachlorodibenzofuran	pg/g		0.0003	15000													19			1.2667E-09	20			1.3333E-09
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000													120			8E-09	230			1.5333E-08
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR																	25.9907			5.7757E-06	32.038			7.1196E-06
Nitroaromatics																								
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*			*1.3*		*0.00866667*		*1.8*		*0.012*		-	-			-	-			-	-		
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*			*2.2*		*0.01466667*		*1.9*		*0.01266667*		-	-			-	-			*0.76*	*J*	*0.00506667*	
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*			-	-			-	-			-	-			-	-			-	-		
Dinitrotoluene, 2,4-	mg/kg	120		0.71	4.7		0.03916667	6.6197E-06	2		0.01666667	2.8169E-06	-	-		-	-	-		-	1.1		0.00916667	1.5493E-06
Dinitrotoluene, 2,6-	mg/kg	61		0.71	0.86		0.01409836	1.2113E-06	0.83		0.01360656	1.169E-06	-	-		-	-	-		-	0.27	J	0.00442623	3.8028E-07
Nitrotoluene, 2-[f]	*mg/kg*	*70*	*2.9*	*0.11*	*J*	*0.000157*	*3.7931E-08*	*0.12*	*J*	*0.00171*	*4.1379E-08*	-	-			-	-			-	-			
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*			-	-			-	-			-	-			-	-			-	-		
Nitrotoluene, 4-[f]	*mg/kg*	*240*	*30*		-	-			-	-			-	-			-	-			-	-		
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*			*0.3*	*J*	*0.00013636*		*0.46*		*0.00020909*		-	-			-	-			*0.22*	*J*	*0.0001*	
Trinitrotoluene, 2,4,6-	mg/kg	36		19	4.7		0.13055556	2.4737E-07	5.2		0.14444444	2.7368E-07	-	-			0.14	J	0.00388889	7.3684E-09	2.9		0.08055556	1.5263E-07
Total Nitroaromatics HI/ILCR							0.20729028	8.1163E-06			0.19959343	4.301E-06							0.00388889	7.3684E-09			0.09931512	2.0822E-06
PCBs																								
Aroclor 1254	mg/kg	1.1		0.22																				
Aroclor 1260	mg/kg			0.22	1.5	J		6.8182E-06	3.1	J		1.4091E-05	0.08			3.6364E-07	0.21			9.5455E-07	1.1			0.000005
Total PCBs HI/ILCR							0	6.8182E-06			0	1.4091E-05			0	3.6364E-07			0	9.5455E-07			0	0.000005
TOTAL ILCR - ALL COCs[g]								1.4934E-05				1.8392E-05				3.6364E-07				6.7376E-06				1.4202E-05
												CANC!												
TOTAL HI - ALL COCs[h]							0.20729028				0.19959343				0				0.00388889				0.09931512	

				Location:	BH37				BH37				BH38 -Fused with 2005 sample[a]				BH39 - Fused with 2005 sample[a]				*BH40*			
				Sample No.:	BG0004				BG0005				BG0009				BG0007				*BH40-A-(0-0_5)*			
				Sample Date:	12-Oct-10				12-Oct-10				12-Oct-10				12-Oct-10				*7-Dec-05*			
				Sample Depth:	0 - 1 Ft				0 - 1 Ft				0 - 1 Ft				0 - 1 Ft				*0 - _5 Ft*			
				Sample Purpose:	FD				FS				REG				REG				*REG*			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result[d]	VQ[e]	HQ	ILCR	*Result*	*VQ*	*HQ*	*ILCR*
Dioxins and Furans																								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450	25	J		5.5556E-08	19.7			4.3778E-08	18			0.00000004	17			3.7778E-08				
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450	28	J		6.2222E-08	27.7			6.1556E-08	28			6.2222E-08	16			3.5556E-08				
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450	1.7	J		3.7778E-09	1.93	J		4.2889E-09	1.9	J		4.2222E-09	1.4	J		3.1111E-09				
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	39	J		8.6667E-07	63			0.0000014	17	J		3.7778E-07	34	J		7.5556E-07				
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	-	-			1.81	J		4.0222E-08	0.7	J		1.5556E-08	0.67	J		1.4889E-08				
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	14	J		3.1111E-07	16.2			0.00000036	6	J		1.3333E-07	11	J		2.4444E-07				
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	4.1	J		9.1111E-08	1.96	J		4.3556E-08	1.8	J		0.00000004	1.8	J		0.00000004				
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45	-	-			2.16	J		4.8E-08	-	-			0.2	J		4.4444E-09				
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	-	-			1.43	J		3.1778E-08	2.4	J		5.3333E-08	1.6	J		3.5556E-08				
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150	16	J		1.0667E-07	23.1			1.54E-07	7.1			4.7333E-08	16			1.0667E-07				
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5	-	-			6.07	J		1.3489E-06	1.8	J		0.0000004	1.5	J		3.3333E-07				
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	16	J		3.5556E-07	13			2.8889E-07	7.3			1.6222E-07	11			2.4444E-07				
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15	38	J		2.5333E-06	40.2			0.00000268	19			1.2667E-06	39			0.0000026				
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45	26			5.7778E-07	38.1			8.4667E-07	15			3.3333E-07	50			1.1111E-06				
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5	-	-			2.77			6.1556E-07	2.7	J		0.0000006	1.3	J		2.8889E-07				
Octachlorodibenzofuran	pg/g		0.0003	15000	18	J		1.2E-09	15.6			1.04E-09	17			1.1333E-09	15			1E-09				
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000	160			1.0667E-08	202			1.3467E-08	150			0.00000001	120			8E-09				
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR					22.3904			4.9756E-06	35.91758			7.9817E-06	15.9621			3.5471E-06	26.3915			5.8648E-06				
Nitroaromatics																								
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*											-	-			-	-			-	-		-
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*											-	-			*1.4*		*0.009333*		-	-		-
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*											-	-			-	-			-	-		-
Dinitrotoluene, 2,4-	mg/kg	120		0.71									0.24	J	0.002	3.3803E-07	1.7		0.014166667	2.3944E-06	-	-		-
Dinitrotoluene, 2,6-	mg/kg	61		0.71									-	-			0.64		0.010491803	9.0141E-07	-	-		-
Nitrotoluene, 2-[f]	*mg/kg*	*70*		*2.9*									-	-			-	-			-	-		-
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*											-	-			-	-			-	-		-
Nitrotoluene, 4-[f]	*mg/kg*	*240*		*30*									-	-			-	-			-	-		-
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*											-	-			*0.47*	*J*	*0.000214*		-	-		-
Trinitrotoluene, 2,4,6-	mg/kg	36		19									1.1		0.03055556	5.7895E-08	10		0.277777778	5.2632E-07	-	-		-
Total Nitroaromatics HI/ILCR															0.03255556	3.9592E-07			0.302436248	3.8221E-06				
PCBs																								
Aroclor 1254	mg/kg	1.1		0.22													-	-						
Aroclor 1260	mg/kg			0.22									0.68			3.0909E-06	2.1			9.5455E-06	*0.015*	*J*		*6.8182E-08*
Total PCBs HI/ILCR															0	3.0909E-06			0	9.5455E-06			*0*	*6.8182E-08*
TOTAL ILCR - ALL COCs[g]								4.9756E-06				7.9817E-06				7.034E-06				1.9232E-05				*6.8182E-08*
																				CANC!				
TOTAL HI - ALL COCs[h]							0				0				0.03255556				0.302436248					

				Location:	BH40 - Fused with 2005 sample[a]				*BH41*				BH41 fused with 2005 sample[a]				BH42				*BH43*			
				Sample No.:	BG0017				*BH41-A-(0-0_5)*				BG0019				BH42-A-(0-0_5)				*BH43-A-(0-0_5)*			
				Sample Date:	12-Oct-10				*7-Dec-05*				12-Oct-10				7-Dec-05				*7-Dec-05*			
				Sample Depth:	0 - 1 Ft				*0 - _5 Ft*				0 - 1 Ft				0 - _5 Ft				*0 - _5 Ft*			
				Sample Purpose:	REG				*REG*				REG				REG				*REG*			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	Result	VQ	HQ	ILCR	*Result*	*VQ*	*HQ*	*ILCR*	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	*Result*	*VQ*	*HQ*	*ILCR*
Dioxins and Furans																								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450	2.7	J		6E-09					2	J		4.4444E-09								
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450	8			1.7778E-08					8			1.7778E-08								
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450	-	-							-	-										
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	0.9	J		0.00000002					0.8	J		1.7778E-08								
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	0.25	J		5.5556E-09					0.75	J		1.6667E-08								
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	0.32	J		7.1111E-09					0.45	J		0.00000001								
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	0.59	J		1.3111E-08					1	J		2.2222E-08								
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45	-	-							-	-										
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	1.2	J		2.6667E-08					0.99	J		2.2E-08								
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150	-	-							0.39	J		2.6E-09								
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5	0.91	J		2.0222E-07					1.2	J		2.6667E-07								
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	0.44	J		9.7778E-09					0.33	J		7.3333E-09								
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15	0.61	J		4.0667E-08					0.77	J		5.1333E-08								
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45	1.1	J		2.4444E-08					0.84	J		1.8667E-08								
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5	-	-							2.4	J		5.3333E-07								
Octachlorodibenzofuran	pg/g		0.0003	15000	3.6	J		2.4E-10					3.7	J		2.4667E-10								
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000	60			4E-09					52			3.4667E-09								
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR					1.69908			3.7757E-07					4.47541			9.9454E-07								
Nitroaromatics																								
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*							-	-							*27*		*0.18*		*0.26*	*J*	*0.00173333*	
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*							-	-							*26*		*0.17333333*		*0.25*	*J*	*0.00166667*	
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*							-	-							-	-			-	-		
Dinitrotoluene, 2,4-	mg/kg	120		0.71					-	-							200		1.66666667	0.00028169	*0.3*	*J*	*0.0025*	*4.2254E-07*
Dinitrotoluene, 2,6-	mg/kg	61		0.71					-	-							78		1.27868852	0.00010986	-		-	
Nitrotoluene, 2-[f]	*mg/kg*	*70*		*2.9*					-	-							*2*		*0.02857143*	*6.8966E-07*	-		-	
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*							-	-							-	-			-		-	
Nitrotoluene, 4-[f]	*mg/kg*	*240*		*30*					-	-							-	-			-		-	
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*							-	-							*6.2*		*0.00282*		-		-	
Trinitrotoluene, 2,4,6-	mg/kg	36		19					-	-							110		3.05555556	5.7895E-06	*0.62*		*0.01722222*	*3.2632E-08*
Total Nitroaromatics HI/ILCR											*0*	*0*							6.38281551	0.00039803			*0.02312222*	*4.5517E-07*
PCBs																								
Aroclor 1254	mg/kg	1.1		0.22	-	-							-	-			-	-						
Aroclor 1260	mg/kg			0.22	0.015	J		6.8182E-08	*0.013*	*J*		*5.9091E-08*	0.013	J		5.9091E-08	1.1			0.000005	*0.39*			*1.7727E-06*
Total PCBs HI/ILCR							0	6.8182E-08			*0*	*5.9091E-08*			0	5.9091E-08			0	0.000005			*0*	*1.7727E-06*
TOTAL ILCR - ALL COCs[g]								4.4576E-07				*5.9091E-08*				1.0536E-06				0.00040303				*2.2279E-06*
																				CANC!				
TOTAL HI - ALL COCs[h]							0								0				6.38281551					
																			NC!					

				Location:	BH43 fused with 2005 sample[a]				*BH44*				BH44 fused with 2005 sample[a]				*BH45*				BH45 - fused with 2005 sample[a]			
				Sample No.:	BG0023				*BH44-A-(0-0_5)*				BG0020				*BH45-A-(0-0_5)*				BG0025			
				Sample Date:	12-Oct-10				*7-Dec-05*				12-Oct-10				*7-Dec-05*				12-Oct-10			
				Sample Depth:	0 - 1 Ft				*0 - _5 Ft*				0 - 1 Ft				*0 - _5 Ft*				0 - 1 Ft			
				Sample Purpose:	REG				*REG*				REG				*REG*				REG			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	Result	VQ	HQ	ILCR	*Result*	*VQ*	*HQ*	*ILCR*	Result	VQ	HQ	ILCR	*Result*	*VQ*	*HQ*	*ILCR*	Result	VQ	HQ	ILCR
Dioxins and Furans																								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450	12			2.6667E-08					40			8.8889E-08					51			1.1333E-07
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450	31			6.8889E-08					79			1.7556E-07					100			2.2222E-07
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450	0.91	J		2.0222E-09					3.3	J		7.3333E-09					4	J		8.8889E-09
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	18	J		0.0000004					53	J		1.1778E-06					76	J		1.6889E-06
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	5.3	J		1.1778E-07					12			2.6667E-07					17			3.7778E-07
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	7.2	J		0.00000016					18	J		0.0000004					29	J		6.4444E-07
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	9.1			2.0222E-07					17			3.7778E-07					27			0.0000006
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45	0.23	J		5.1111E-09					0.66	J		1.4667E-08					1.1	J		2.4444E-08
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	5.6	J		1.2444E-07					12	J		2.6667E-07					17	J		3.7778E-07
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150	8			5.3333E-08					23			1.5333E-07					35			2.3333E-07
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5	18	J		0.000004					32	J		7.1111E-06					55	J		1.2222E-05
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	6	J		1.3333E-07					21	J		4.6667E-07					32			7.1111E-07
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15	17			1.1333E-06					60			0.000004					92			6.1333E-06
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45	20			4.4444E-07					59			1.3111E-06					98			2.1778E-06
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5	16			3.5556E-06					19			4.2222E-06					34			7.5556E-06
Octachlorodibenzofuran	pg/g		0.0003	15000	11	J		7.3333E-10					27			1.8E-09					34			2.2667E-09
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000	97			6.4667E-09					240			1.6E-08					260			1.7333E-08
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR					46.9545			1.0434E-05					90.2591			2.0058E-05					148.9982			3.3111E-05
Nitroaromatics																								
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*			*0.26*	*J*	*0.00173333*		*0.85*		*0.00566667*		*0.85*		*0.00566667*		*3.6*		*0.024*		*3.6*		*0.024*	
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*			*0.25*	*J*	*0.00166667*		*0.81*		*0.0054*		*0.81*		*0.0054*		*3.1*		*0.02066667*		*3.1*		*0.02066667*	
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*			-	-			-	-			-	-			*0.18*	*J*	*0.0295082*		*0.18*	*J*	*0.0295082*	
Dinitrotoluene, 2,4-	mg/kg	120		0.71	0.3	J	0.0025	4.2254E-07	*0.9*		*0.0075*	*1.2676E-06*	0.9		0.0075	1.2676E-06	*2.9*		*0.02416667*	*4.0845E-06*	2.9		0.02416667	4.0845E-06
Dinitrotoluene, 2,6-	mg/kg	61		0.71	-	-			*0.3*	*J*	*0.00491803*	*4.2254E-07*	0.3	J	0.00491803	4.2254E-07	*1.3*		*0.02131148*	*1.831E-06*	1.3		0.02131148	1.831E-06
Nitrotoluene, 2-[f]	*mg/kg*	*70*		*2.9*	-	-			-	-			-	-			*0.13*	*J*	*0.00185714*	*4.4828E-08*	*0.13*	*J*	*0.00185714*	*4.4828E-08*
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*			-	-			-	-			-	-			-	-			-	-		
Nitrotoluene, 4-[f]	*mg/kg*	*240*		*30*	-	-			-	-			-	-			-	-			-	-		
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*			-	-			*0.41*	*J*			*0.41*	*J*	*0.000186*		*0.98*		*0.00044545*		*0.98*		*0.00044545*	
Trinitrotoluene, 2,4,6-	mg/kg	36		19	0.62		0.01722222	3.2632E-08	*2*		*0.05555556*	*1.0526E-07*	2		0.05555556	1.0526E-07	*9.2*		*0.25555556*	*4.8421E-07*	9.2		0.25555556	4.8421E-07
Total Nitroaromatics HI/ILCR							0.02312222	4.5517E-07			*0.07904026*	*1.7954E-06*			0.07904026	1.7954E-06			*0.37751116*	*6.4445E-06*			0.37751116	6.4445E-06
PCBs																								
Aroclor 1254	mg/kg	1.1		0.22	-	-							-	-							-	-		
Aroclor 1260	mg/kg			0.22	0.39			1.7727E-06	*0.99*			*0.0000045*	0.99			0.0000045	*2.2*			*0.00001*	2.2			0.00001
Total PCBs HI/ILCR							0	1.7727E-06			*0*	*0.0000045*			0	0.0000045			*0*	*0.00001*			0	0.00001
TOTAL ILCR - ALL COCs[g]								1.2662E-05				*6.2954E-06*				2.6353E-05				*1.6445E-05*				4.9555E-05
																CANC!				*CANC!*				CANC!
TOTAL HI - ALL COCs[h]							0.02312222								0.07904026								0.37751116	

				Location:	BH46				BH46				BH46 - fused with 2005 REG sample[a]				BH47				BH47 - fused with 2005 sample[a]			
				Sample No.:	BH46-A-(0-0_5)				BH46-D-(0-0_5)				BG0024				BH47-A-(0-0_5)				BG0026			
				Sample Date:	7-Dec-05				7-Dec-05				12-Oct-10				7-Dec-05				12-Oct-10			
				Sample Depth:	0 - _5 Ft				0 - _5 Ft				0 - 1 Ft				0 - _5 Ft				0 - 1 Ft			
				Sample Purpose:	REG				FD				REG				REG				REG			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	*Result*	*VQ*	*HQ*	*ILCR*	*Result*	*VQ*	*HQ*	*ILCR*	Result	VQ	HQ	ILCR	*Result*	*VQ*	*HQ*	*ILCR*	Result	VQ	HQ	ILCR
Dioxins and Furans																								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450									92			2.0444E-07					18			0.00000004
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450									160			3.5556E-07					20			4.4444E-08
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450									2.9	J		6.4444E-09					1.4	J		3.1111E-09
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45									55	J		1.2222E-06					25	J		5.5556E-07
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45									11			2.4444E-07					1.9	J		4.2222E-08
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45									17	J		3.7778E-07					9.3	J		2.0667E-07
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45									25			5.5556E-07					3.1	J		6.8889E-08
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45									0.52	B		1.1556E-08					0.33	B		7.3333E-09
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45									15			3.3333E-07					3	J		6.6667E-08
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150									21			0.00000014					11			7.3333E-08
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5									15	J		3.3333E-06					4.9	J		1.0889E-06
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45									21			4.6667E-07					9.4			2.0889E-07
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15									58			3.8667E-06					26			1.7333E-06
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45									56			1.2444E-06					27			0.0000006
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5									8.2			1.8222E-06					3			6.6667E-07
Octachlorodibenzofuran	pg/g		0.0003	15000									36			2.4E-09					11	J		7.3333E-10
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000									330			2.2E-08					110			7.3333E-09
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR													63.9408			1.4209E-05					24.3633			5.4141E-06
Nitroaromatics																								
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*			*1.6*		*0.01066667*		*1.2*		*0.008*		*1.6*		*0.01066667*		*0.53*		*0.00353333*		*0.53*		*0.00353333*	
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*			*2.2*		*0.01466667*		*1.6*		*0.01066667*		*2.2*		*0.01466667*		*0.53*	*J*	*0.00353333*		*0.53*	*J*	*0.00353333*	
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*			*0.12*	*J*	*0.01967213*		-	-			*0.12*	*J*	*0.01967213*		-	-			-	-		
Dinitrotoluene, 2,4-	mg/kg	120		0.71	1.4		0.01166667	1.9718E-06	1.1		0.00916667	1.5493E-06	1.4		0.01166667	1.9718E-06	0.35	J	0.00291667	4.9296E-07	0.35	J	0.00291667	4.9296E-07
Dinitrotoluene, 2,6-	mg/kg	61		0.71	0.68		0.01114754	9.5775E-07	0.63		0.01032787	8.8732E-07	0.68		0.01114754	9.5775E-07	0.3	J	0.00491803	4.2254E-07	0.3	J	0.00491803	4.2254E-07
Nitrotoluene, 2-[f]	*mg/kg*	*70*		*2.9*	*0.55*	*J*	*0.00785714*	*1.8966E-07*	*0.18*	*J*	*0.00257143*	*6.2069E-08*	*0.55*	*J*	*0.00785714*	*1.8966E-07*	-	-			-	-		
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*			-	-			-	-			-	-			-	-			-	-		
Nitrotoluene, 4-[f]	*mg/kg*	*240*		*30*	-	-			*0.26*	*J*	*0.00108333*	*8.6667E-09*	-	-			-	-			-	-		
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*			*0.54*		*0.00024545*		*0.36*	*J*	*0.00016364*		*0.54*		*0.00024545*		*0.22*	*J*	*0.0001*		*0.22*	*J*	*0.0001*	
Trinitrotoluene, 2,4,6-	mg/kg	36		19	3.3		0.09166667	1.7368E-07	1.8		0.05	9.4737E-08	3.3		0.09166667	1.7368E-07	1		0.02777778	5.2632E-08	1		0.02777778	5.2632E-08
Total Nitroaromatics HI/ILCR							0.16758894	3.2929E-06			0.0919796	2.6021E-06			0.16758894	3.2929E-06			0.04277914	9.6812E-07			0.04277914	9.6812E-07
PCBs																								
Aroclor 1254	mg/kg	1.1		0.22									-								-			
Aroclor 1260	mg/kg			0.22	0.82			3.7273E-06	0.83			3.7727E-06	0.82			3.7273E-06	0.44			0.000002	0.44			0.000002
Total PCBs HI/ILCR							0	3.7273E-06			0	3.7727E-06			0	3.7273E-06			0	0.000002			0	0.000002
TOTAL ILCR - ALL COCs[g]								*7.0202E-06*				*6.3748E-06*				2.1229E-05				*2.9681E-06*				8.3822E-06
																CANC!								
TOTAL HI - ALL COCs[h]															0.16758894								0.04277914	

				Location:	BH48				BH49				BH50				BH51				BH52			
				Sample No.:	BH48-A-(0-0_5)				BH49-A-(0-0_5)				BG0062				BG0028				BG0029			
				Sample Date:	7-Dec-05				7-Dec-05				13-Oct-10				13-Oct-10				13-Oct-10			
				Sample Depth:	0 - _5 Ft				0 - _5 Ft				0 - 1 Ft				0 - 1 Ft				0 - 1 Ft			
				Sample Purpose:	REG				REG				REG				REG				REG			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR
Dioxins and Furans																								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450									3.6	J		8E-09	170			3.77778E-07	1.4	J		3.11111E-09
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450									10			2.2222E-08	4300			9.55556E-06	4.1	J		9.11111E-09
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450									0.25	B		5.5556E-10	20			4.44444E-08	0.14	B		3.11111E-10
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45									1.6	J		3.5556E-08	89	J		1.97778E-06	0.48	B		1.06667E-08
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45									0.39	B		8.6667E-09	430			9.55556E-06	0.15	B		3.33333E-09
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45									0.56	J		1.2444E-08	31	J		6.88889E-07	0.23	B		5.11111E-09
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45									0.77	J		1.7111E-08	800			1.77778E-05	0.37	B		8.22222E-09
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45									-	-			1.7	J		3.77778E-08	-	-		
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45									0.95	J		2.1111E-08	430			9.55556E-06	0.48	B		1.06667E-08
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150									0.59	B		3.9333E-09	21			0.00000014	0.21	B		1.4E-09
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5									0.98	J		2.1778E-07	560			0.000124444	1.1	J		2.44444E-07
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45									0.57	B		1.2667E-08	34			7.55556E-07	0.26	B		5.77778E-09
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15									0.76	J		5.0667E-08	47			3.13333E-06	0.24	B		0.000000016
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45									1	J		2.2222E-08	36			0.0000008	0.82	J		1.82222E-08
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5									2.5			5.5556E-07	150			3.33333E-05	1.2	J		2.66667E-07
Octachlorodibenzofuran	pg/g		0.0003	15000									4.5	J		3E-10	110			7.33333E-09	1.8	B		1.2E-10
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000									67			4.4667E-09	5400			0.00000036	37			2.46667E-09
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR													4.46965			9.9326E-07	956.453			0.000212545	2.72534			6.05631E-07
Nitroaromatics																								
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*			*0.52*		*0.00346667*		*0.13*	*J*	*0.00086667*		-	-		-	-	-			-	-		-
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*			*0.3*	*J*	*0.002*		*0.15*	*J*	*0.001*		-	-		-	*0.121*	*J*	*0.00080667*		-	-		-
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*			-	-			-	-			-	-		-	-	-			-	-		
Dinitrotoluene, 2,4-	mg/kg	120		0.71	0.29	J	0.00241667	4.0845E-07	-	-			-	-		-	-	-			-	-		-
Dinitrotoluene, 2,6-	mg/kg	61		0.71	-	-			-	-			-	-		-	-	-			-	-		-
Nitrotoluene, 2-[f]	*mg/kg*	*70*		*2.9*	-	-			-	-			-	-		-	-	-			-	-		-
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*			-	-			-	-			-	-		-	-	-			-	-		-
Nitrotoluene, 4-[f]	*mg/kg*	*240*		*30*	-	-			-	-			-	-		-	-	-			-	-		-
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*			-	-			-	-			-	-		-	*0.0698*		*3.1727E-05*		-	-		-
Trinitrotoluene, 2,4,6-	mg/kg	36		19	2		0.05555556	1.0526E-07	0.29	J	0.00805556	1.5263E-08	-	-		-	0.487		0.01352778	2.56316E-08	-	-		-
Total Nitroaromatics HI/ILCR							0.06343889	5.1371E-07			0.00992222	1.5263E-08							0.01436617	2.56316E-08				
PCBs																								
Aroclor 1254	mg/kg	1.1		0.22	-								-	-		-	0.0736	J	0.06690909	3.34545E-07	-	-		-
Aroclor 1260	mg/kg			0.22	0.36			1.6364E-06	0.25			1.1364E-06	-	-		-	0.392	J		1.78182E-06	-	-		-
Total PCBs HI/ILCR							0	1.6364E-06	-		0	1.1364E-06							0.06690909	2.11636E-06				
TOTAL ILCR - ALL COCs[g]								2.1501E-06				1.1516E-06				9.9326E-07				0.000214687				6.05631E-07
																				CANC!				
TOTAL HI - ALL COCs[h]							0.06343889				0.00992222				0				0.08127526				0	

				Location:	BH53				BH54				BH55				BH55				BH55			
				Sample No.:	BG0030				BG0031				BG0032				BG0033				BG0034			
				Sample Date:	13-Oct-10				13-Oct-10				13-Oct-10				13-Oct-10				13-Oct-10			
				Sample Depth:	0 - 1 Ft				0 - 1 Ft				0 - 1 Ft				0 - 1 Ft				0 - 1 Ft			
				Sample Purpose:	REG				REG				REG				FD				FS			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR
Dioxins and Furans																								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450	16			3.55556E-08	17			3.7778E-08	23			5.1111E-08	20			4.4444E-08	7.35			1.63333E-08
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450	18			0.00000004	47			1.0444E-07	48			1.0667E-07	45			0.0000001	16.9			3.75556E-08
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450	1.5	J		3.33333E-09	1.3	J		2.8889E-09	4.8	J		1.0667E-08	3.5	J		7.7778E-09	0.798	J		1.77333E-09
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	31	J		6.88889E-07	18	J		0.0000004	32	J		7.1111E-07	27	J		0.0000006	32.7			7.26667E-07
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	1.4	J		3.11111E-08	6.9			1.5333E-07	27	J		0.0000006	5.2	J		1.1556E-07	2.61	J		0.000000058
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	14	J		3.11111E-07	6.7			1.4889E-07	9.7	J		2.1556E-07	9.8	J		2.1778E-07	4.38	J		9.73333E-08
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	2.7	J		0.00000006	12			2.6667E-07	23	J		5.1111E-07	9.2	J		2.0444E-07	2.76	J		6.13333E-08
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45	-	-			0.22	B		4.8889E-09	-	-			0.39	B		8.6667E-09	0.63	J		0.000000014
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	2	J		4.44444E-08	7.4			1.6444E-07	16	J		3.5556E-07	6.1	J		1.3556E-07	1.71	J		0.000000038
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150	13			8.66667E-08	7.2			4.8E-08	10			6.6667E-08	10			6.6667E-08	4.72	J		3.14667E-08
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5	3.8	J		8.44444E-07	18	J		0.000004	180	J		0.00004	12	J		2.6667E-06	5.7	J		1.26667E-06
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	9.3			2.06667E-07	8.2			1.8222E-07	8.3			1.8444E-07	10			2.2222E-07	4.04	J		8.97778E-08
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15	27			0.0000018	20			1.3333E-06	21			0.0000014	27			0.0000018	11.2			7.46667E-07
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45	24			5.33333E-07	18			0.0000004	23			5.1111E-07	25			5.5556E-07	11.3			2.51111E-07
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5	3			6.66667E-07	10			2.2222E-06	48	J		1.0667E-05	7.2	J		0.0000016	3.79			8.42222E-07
Octachlorodibenzofuran	pg/g		0.0003	15000	12	J		8E-10	12			8E-10	45	J		3E-09	25	J		1.6667E-09	6.85	J		4.56667E-10
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000	93			6.2E-09	140			9.3333E-09	160			1.0667E-08	150			0.00000001	62.8			4.18667E-09
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR					24.1165			5.35922E-06	42.6566			9.4792E-06	249.3195			5.5404E-05	37.6065			8.357E-06	19.275975			4.28355E-06
Nitroaromatics																								
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*			-	-			*0.147*	*J*	*0.00098*		*0.116*	*J*	*0.00077333*		*0.0822*	*J*	*0.000548*		-	-		
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*			-	-			*0.23*		*0.00153333*		*0.157*	*J*	*0.00104667*		*0.111*	*J*	*0.00074*		-	-		
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*			-	-			-	-			-	-			-	-			-	-		
Dinitrotoluene, 2,4-	mg/kg	120		0.71	-	-			0.153	J	0.001275	2.1549E-07	0.44	J	0.00366667	6.1972E-07	-	-			-	-		
Dinitrotoluene, 2,6-	mg/kg	61		0.71	-	-			-	-			0.14	J	0.00229508	1.9718E-07	-	-			-	-		
Nitrotoluene, 2-[f]	*mg/kg*	*70*		*2.9*	-	-			-	-			-	-			-	-			-	-		
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*			-	-			-	-			-	-			-	-			-	-		
Nitrotoluene, 4-[f]	*mg/kg*	*240*		*30*	-	-			-	-			-	-			-	-			-	-		
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*			-	-			-	-			-	-			-	-			-	-		
Trinitrotoluene, 2,4,6-	mg/kg	36		19	0.18		0.005	9.47368E-09	0.826		0.02294444	4.3474E-08	0.547		0.01519444	2.8789E-08	0.537		0.01491667	2.8263E-08	0.53		0.01472222	2.78947E-08
Total Nitroaromatics HI/ILCR							0.005	9.47368E-09			0.02673278	2.5897E-07			0.02297619	8.4569E-07			0.01620467	2.8263E-08			0.00053333	9.01408E-08
PCBs																								
Aroclor 1254	mg/kg	1.1		0.22	0.0301	J	0.02736364	1.36818E-07	0.0435	J	0.03954545	1.9773E-07	0.0488	J	0.04436364	2.2182E-07	0.149	J	0.13545455	6.7727E-07	-	-		
Aroclor 1260	mg/kg			0.22	0.18	J		8.18182E-07	0.229	J		1.0409E-06	0.285	J		1.2955E-06	0.301	J		1.3682E-06	0.21			9.54545E-07
Total PCBs HI/ILCR							0.02736364	0.000000955			0.03954545	1.2386E-06			0.04436364	1.5173E-06			0.13545455	2.0455E-06			0	9.54545E-07
TOTAL ILCR - ALL COCs[g]								6.3237E-06				1.0977E-05				5.7767E-05				1.0431E-05				5.32824E-06
																CANC!								
TOTAL HI - ALL COCs[h]							0.03236364				0.06627823				0.06733983				0.15165921				0.00053333	

				Location:	BH56				BH57				BH58				BH59				BH60			
				Sample No.:	BG0035				BG0036				BG0037				BG0038				BG0039			
				Sample Date:	13-Oct-10				13-Oct-10				13-Oct-10				13-Oct-10				13-Oct-10			
				Sample Depth:	0 - 1 Ft				0 - 1 Ft				0 - 1 Ft				0 - 1 Ft				0 - 1 Ft			
				Sample Purpose:	REG				REG				REG				REG				REG			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR
Dioxins and Furans																								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450	14	J		3.1111E-08	5.9	J		1.3111E-08	57			1.2667E-07	2.6	J		5.7778E-09	15			3.3333E-08
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450	46	J		1.0222E-07	14			3.1111E-08	95			2.1111E-07	6.4			1.4222E-08	18			0.00000004
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450	1.1	J		2.4444E-09	0.48	B		1.0667E-09	5.4	J		1.2E-08	0.17	B		3.7778E-10	0.96	J		2.1333E-09
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	18	J		0.0000004	5.5	J		1.2222E-07	37	J		8.2222E-07	0.8	J		1.7778E-08	19	J		4.2222E-07
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	7.3	J		1.6222E-07	1.2	J		2.6667E-08	5.5	J		1.2222E-07	0.2	B		4.4444E-09	1.2	J		2.6667E-08
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	7.2	J		0.00000016	2.5	J		5.5556E-08	14	J		3.1111E-07	0.38	B		8.4444E-09	7.2	J		0.00000016
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	10	J		2.2222E-07	2	J		4.4444E-08	10			2.2222E-07	0.51	B		1.1333E-08	2.4	J		5.3333E-08
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45	-	-			-	-			-	-			-	-			-	-		
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	7.1	J		1.5778E-07	1.8	J		0.00000004	7.3	J		1.6222E-07	0.65	B		1.4444E-08	2	J		4.4444E-08
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150	7.5			0.00000005	2	J		1.3333E-08	15			0.0000001	0.29	B		1.9333E-09	7.4			4.9333E-08
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5	16	J		3.5556E-06	3.6	J		0.0000008	12	J		2.6667E-06	0.38	J		8.4444E-08	2.5	J		5.5556E-07
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	6.8			1.5111E-07	1.9	J		4.2222E-08	14			3.1111E-07	0.29	B		6.4444E-09	7.7			1.7111E-07
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15	18			0.0000012	5.8	J		3.8667E-07	36			0.0000024	0.42	B		2.8E-08	21			0.0000014
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45	22			4.8889E-07	6.2			1.3778E-07	36			0.0000008	1.3	J		2.8889E-08	22			4.8889E-07
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5	8.1	J		0.0000018	2.9			6.4444E-07	7.2			0.0000016	0.67	J		1.4889E-07	2.1			4.6667E-07
Octachlorodibenzofuran	pg/g		0.0003	15000	9.1	J		6.0667E-10	4.5	J		3E-10	81			5.4E-09	2.7	J		1.8E-10	7.9	J		5.2667E-10
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000	120	J		8E-09	65			4.3333E-09	450			0.00000003	54			3.6E-09	130			8.6667E-09
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR					38.21473			8.4922E-06	10.63465			2.3633E-06	44.5633			9.903E-06	1.70641			3.792E-07	17.65297			3.9229E-06
Nitroaromatics																								
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*			-	-			-	-			*1.17*	*J*	*0.0078*		-	-		-	*8.13*	*J*	*0.0542*	
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*			*0.286*		*0.00190667*		-	-			*1.46*	*J*	*0.00973333*		-	-		-	*6.69*	*J*	*0.0446*	
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*			*0.254*	*J*	*0.04163934*		-	-			-	-			-	-		-	-	-		
Dinitrotoluene, 2,4-	mg/kg	120		0.71	5.24	J	0.04366667	7.3803E-06	-	-			29.7		0.2475	4.1831E-05	-	-		-	130	J	1.08333333	0.0001831
Dinitrotoluene, 2,6-	mg/kg	61		0.71	2.09	J	0.0342623	2.9437E-06	-	-			12.8	J	0.20983607	1.8028E-05	-	-		-	49.5	J	0.81147541	6.9718E-05
Nitrotoluene, 2-[f]	*mg/kg*	*70*		*2.9*	-	-			-	-			*1.84*	*J*	*0.02628571*	*6.3448E-07*	-	-		-	-	-		
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*			-	-			-	-			*0.25*	*J*	*0.04098361*		-	-		-	-	-		
Nitrotoluene, 4-[f]	*mg/kg*	*240*		*30*	-	-			-	-			*0.647*	*J*	*0.00269583*	*2.1567E-08*	-	-		-	-	-		
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*			*2.24*	*J*	*0.00101818*		-	-			*1.12*	*J*	*0.00050909*		-	-		-	*6.79*	*J*	*0.00308636*	
Trinitrotoluene, 2,4,6-	mg/kg	36		19	0.371	J	0.01030556	1.9526E-08	0.0856	J	0.00237778	4.5053E-09	6.8	J	0.18888889	3.5789E-07	-	-		-	70.8	J	1.96666667	3.7263E-06
Total Nitroaromatics HI/ILCR							0.13279871	1.0343E-05			0.00237778	4.5053E-09			0.73423253	6.0873E-05							3.96336177	0.00025654
PCBs																								
Aroclor 1254	mg/kg	1.1		0.22	0.0307	J	0.02790909	1.3955E-07	-	-			0.0878	J	0.07981818	3.9909E-07	-	-			0.0354	J	0.03218182	1.6091E-07
Aroclor 1260	mg/kg			0.22	0.16	J		7.2727E-07	0.0193	J		8.7727E-08	0.395	J		1.7955E-06	-	-			0.143	J		0.00000065
Total PCBs HI/ILCR							0.02790909	8.6682E-07			0	8.7727E-08			0.07981818	2.1945E-06							0.03218182	8.1091E-07
TOTAL ILCR - ALL COCs[g]								1.9702E-05				2.4555E-06				7.2971E-05				3.792E-07				0.00026128
								CANC!								CANC!								CANC!
TOTAL HI - ALL COCs[h]							0.1607078				0.00237778				0.81405071				0				3.99554359	
																							NC!	

				Location:	BH61				TR06-2				TR07-2			
				Sample No.:	BG0040				TR06-2-A				TR07-2-A			
				Sample Date:	13-Oct-10				19-May-04				19-May-04			
				Sample Depth:	0 - 1 Ft				1_5 - 2 Ft				1 - 2 Ft			
				Sample Purpose:	REG				REG				REG			
Parameter	Units	Noncancer-Based RBDL[b]	2,3,78-TCDD TEF[c]	Cancer-Based RBDL[b]	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR	Result	VQ	HQ	ILCR
Dioxins and Furans																
1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/g		0.01	450	16			3.5556E-08	-	-			0.364	J		8.0889E-10
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	pg/g		0.01	450	18			0.00000004	-	-			1.23	J		2.7333E-09
1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/g		0.01	450	0.92	J		2.0444E-09	-	-			-	-		
1,2,3,4,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	25	J		5.5556E-07	-	-			-	-		
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	2.6	J		5.7778E-08	-	-			-	-		
1,2,3,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	9.2	J		2.0444E-07	-	-			-	-		
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	4.2	J		9.3333E-08	-	-			-	-		
1,2,3,7,8,9-Hexachlorodibenzofuran	pg/g		0.1	45	-	-			-	-			-	-		
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	pg/g		0.1	45	3	J		6.6667E-08	0.441	J		9.8E-09	-	-		
1,2,3,7,8-Pentachlorodibenzofuran	pg/g		0.03	150	12			0.00000008	-	-			-	-		
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	pg/g		1	4.5	7.1	J		1.5778E-06	0.319	J		7.0889E-08	-	-		
2,3,4,6,7,8-Hexachlorodibenzofuran	pg/g		0.1	45	9.7			2.1556E-07	-	-			-	-		
2,3,4,7,8-Pentachlorodibenzofuran	pg/g		0.3	15	24			0.0000016	-	-			-	-		
2,3,7,8-Tetrachlorodibenzofuran	pg/g		0.1	45	23			5.1111E-07	-	-			0.23	J		5.1111E-09
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	pg/g		1	4.5	5.4			0.0000012	1.39			3.0889E-07	0.461	J		1.0244E-07
Octachlorodibenzofuran	pg/g		0.0003	15000	7.7	J		5.1333E-10	-	-			-	-		
Octachlorodibenzo-P-Dioxin	pg/g		0.0003	15000	90			6E-09	2.99	J		1.9933E-10	14.3	J		9.5333E-10
Total 2,3,7,8-TCDD Toxicity Equivalents & ILCR					28.10851			6.2463E-06	1.753997			3.8978E-07	0.50423			1.1205E-07
Nitroaromatics																
Amino-2,6-dinitrotoluene, 4-[f]	*mg/kg*	*150*			-	-										
Amino-4,6-dinitrotoluene, 2-[f]	*mg/kg*	*150*			*0.345*		*0.0023*									
Dinitrobenzene, 1,3-[f]	*mg/kg*	*6.1*			-	-										
Dinitrotoluene, 2,4-	mg/kg	120		0.71	9.4		0.07833333	1.3239E-05								
Dinitrotoluene, 2,6-	mg/kg	61		0.71	-	-										
Nitrotoluene, 2-[f]	*mg/kg*	*70*		*2.9*	-	-										
Nitrotoluene, 3-[f]	*mg/kg*	*6.1*			-	-										
Nitrotoluene, 4-[f]	*mg/kg*	*240*		*30*	-	-										
Trinitrobenzene, 1,3,5-[f]	*mg/kg*	*2200*			-	-										
Trinitrotoluene, 2,4,6-	mg/kg	36		19	4.2		0.11666667	2.2105E-07								
Total Nitroaromatics HI/ILCR							0.1973	1.346E-05								
PCBs																
Aroclor 1254	mg/kg	1.1		0.22	0.123	J	0.11181818	5.5909E-07								
Aroclor 1260	mg/kg			0.22	1.36	J		6.1818E-06								
Total PCBs HI/ILCR							0.11181818	6.7409E-06								
TOTAL ILCR - ALL COCs[g]								2.6448E-05				3.8978E-07				1.1205E-07
								CANC!								
TOTAL HI - ALL COCs[h]							0.30911818				0				0	

REG = regular sample; FD = field duplicate sample; FS = field split sample; RBDL = risk-based delineation level; 2,3,7,8-TCDD TEF = 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity equivalence factor; VQ = validation qualifier; HQ = hazard quotient;
ILCR= incremental lifetime cancer risk; pg/g = picograms per gram; mg/kg = milligrams per kilogram; PCB = polychlorinated biphenyl; HI = hazard index; COC = chemical of concern.

[a] Some of the 2010 sample results are combined with those of a sample collected previously (i.e., in 2005 or 1996). This was done to include the analytical results of COCs that were not analyzed for in the 2010 samples. Where applicable, either the regular (REG) or field duplicate (FD) results were used, whichever yielded a greater risk/hazard.

[b] Noncancer and cancer-based RBDLs are from the Regional Screening Levels (EPA, 2010) support tables for residiential soil (HQ=1; ILCR=1E-6) and were used only for calculation purposes. The cancer-based RBDL for each chlorinated dibenzodioxin/furan compound is the RBDL for 2,3,7,8-TCDD divided by the 2,3,7,8-TCDD TEF of that compound.

[c] Source of TEFs: Van den Berg, M., et al., 2006, "The 2005 World Health Organization Reevaluation of Human and Mammalian Toxic Equivalent Factors for Dioxins and Dioxin-Like Compounds," ***Toxicological Sciences***, Volume 93, No. 2, pp. 223-241.

[d] A "-" (dash) indicates that the pertinent chemical analysis was performed but that the chemical was not detected. A blank indicates that the analysis for this chemical was not performed.

[e] A "J" indicates that the associated result is estimated.

[f] Chemicals shown in italics are nitroaromatics that were detected but have not been identified as COCs because of low risk/hazard. These site-related chemicals are retained for additional information in case they are detected at higher-than-expected concentrations in post-remediation confirmation soil samples.

[g] Total ILCR values with an associated "CANC!" (shown underneath the value) exceed the PBOW 1E-5 cancer risk goal (rounded to one significant figure). Values shown include the contributions of the non-COC nitroaromatic compounds, which in each case are less than 7E-7 and are regarded as de minimis.

[h] Total HI values with an associated "NC!" (shown underneath the value) exceed the noncancer HI goal of 1 (rounded to one significant figure). Values shown include the contributions of the non-COC nitroaromatic compounds, which in each case are less than 0.05 and are regarded as de minimis.

RESPONSE TO COMMENTS

Response to External Comments
Feasibility Study, Reservoir No. 2 Burning Ground
Plum Brook Ordnance Works, Sandusky, Ohio,
Dated July 15, 2011
FUDS Project No. G05OH001812

Comments by Janusz Byczkowski, Ph.D., Ohio Environmental Protection Agency (OEPA) Toxicologist, received September 16, 2011.

Comment 1: **Executive Summary Page ES-2, Line 29; Section 1.5.2, Page 1-14, Line 6. This document states: "…*The SLERA did not recommend remediation of R2BG soil on the basis of ecological risk solely due to uncertainties of toxicity and the relatively small size of the site*…" The screening level ecological risk assessment (SLERA) should objectively describe and quantify risk for the relevant receptors, but it should not recommend a remediation, as this and other risk management decisions should be kept separately from risk assessment (NRC, 1983). Moreover, the 9,000 acre site cannot be described as a "*relatively small*". Even considering only the 4 acre AOC, the ecological assessment supposed to evaluate risk of exposures in the context of the whole site (home range/feeding area). Please revise this statement**.

References: **NRC (1983)** Commission on Life Sciences. Risk Assessment in the Federal Government: Managing the Process (1983). On line: http://books.nap.edu/books/0309033497/html/index.html

Response 1: The SLERA for the Reservoir No. 2 Burning Ground was conducted consistent with the work plans and the previous ecological risk assessments performed at PBOW for the past decade. This SLERA, like all other risk assessments performed at PBOW, is specific to the area of concern under evaluation, rather than the 9,000-acre former PBOW property as a whole. The risk assessments are being used to evaluate and, as necessary, to support the feasibility studies for the former PBOW sites.

An ecological evaluation performed in context of the 9,000-acre former PBOW property is not warranted or technically defensible, nor is it within the project scope as determined by previous project team agreements (represented by previous documents, work plans, and discussions). The soil within the largest and most heavily contaminated areas has already been or is being remediated (e.g., TNT manufacturing areas and the Pentolite Road Red Water Pond). Ecological risk assessment has been an integral tool to this end. If a SLERA were to be performed for the 9,000-acre former PBOW site, the hazard estimates for all receptors would undoubtedly be lower than those presented in the R2BG SLERA. This is because the vast acreage of clean soil would "dilute out" any contamination present, as very little of the property of the former PBOW is, on a percentage basis, currently contaminated with

R2BG chemicals to the extent that they may adversely affect ecological receptors within these areas.

The three small-range receptors (wren, mouse, and shrew) were evaluated assuming that 100 percent of soil contacted was from the R2BG, either within or outside of the burn area. For the three larger range receptors (deer, hawk, and raccoon), a home range factor (HRF) was used in the SLERA to account for the fact that the areas inside the burn area (approximately 0.4 acre) and the study area outside the burn area (approximately 3 acres) comprise far less than the home range of these receptors. The HRF is typically defined as the area of the site divided by the home range of the receptor.

Please note that as shown in Table 2-2 of the FS, all of the maximum ecological hazard quotient (EHQ) values are associated with the small range receptors. Thus, the EHQ values shown in Table 2-2, and on which the FS comparisons are based, assume that 100 percent of exposure is to the R2BG soil (i.e., HRF=1). This is the most conservative assumption concerning home range that can be made for the "maximum-EHQ" receptors.

With respect to the three large-range receptors, their average home ranges are orders of magnitude greater than the R2BG study site. According to references cited in Appendix B of the SLERA, the average home range of the white-tailed deer in Ohio is approximately 1,300 to 1,900 acres, the average home range of the red-tailed hawk is 67 to 2,080 acres, and the average home range of the raccoon is approximately 270 to 6,300 acres.

The reviewer states that the SLERA should not recommend a remediation. We concur that recommendation of a specific remediation should not occur until the proposed plan. The SLERA recommended no specific or general remedial action for the site, but rather recognized the outcome of the overall RI process for R2BG: a remedial action is appropriate for the site.

The SLERA was conducted to objectively describe ecological exposure pathways and evaluate ecological hazards. This objective evaluation should include both quantitative and qualitative aspects. Please note that the ecological risk characterization includes both a summary of the risks and uncertainties as well as an interpretation of the observed or predicted effects (EPA, 1991a). As part of this interpretation, ecological risk assessors are encouraged to "… consider such factors as the nature and magnitude of the effects, the spatial and temporal distribution of the effects, and the potential for recovery" (EPA, 1991a). Ecological risk assessment is performed to protect ecological receptors on a population basis (EPA, 1997). Because of the small size of the R2BG, especially within the burn area (i.e., 0.4 acre), it is doubtful that the contamination adversely effects any species on a population level. The SLERA acknowledges this, and also acknowledges the associated uncertainties and generally poor habitat quality at the R2BG study site. For

these reasons, the SLERA states that "… remedial actions solely to address ecological concerns do not appear to be warranted…" The SLERA also included the statement that human health risks would likely necessitate remedial action for human receptors at this site, and that the remedial action would further reduce any ecological risk. This information has been made known to the Project Delivery Team, which is responsible for making site management decisions concerning the R2BG.

Additionally, the statement made in the SLERA that ecologically based remedial actions do not appear warranted, is consistent with the following text excerpted from the Role of the Baseline Risk Assessment in Superfund Remedy Selection Decisions Memorandum (EPA, 1991b): "The primary purpose of the baseline risk assessment is to provide risk managers with an understanding of the actual and potential risks to human health and the environment posed by the site and any uncertainties associated with the assessment. This information may be useful in determining whether a current or potential threat to human health or the environment exists, *that warrants remedial action (italics added)*." Please note that this statement, described as a "recommendation" in the draft FS, is not a risk management decision, nor did it in any way affect the risk characterization. Rather, it is provided to the Project Delivery Team to communicate the intentions of the USACE to perform a remedial action (as documented in an FS) based primarily on human health concerns. This FS represents the next step of the DERP-FUDS and CERCLA process for R2BG.

Comment 2: **Table 2-1, footnote c. This document states: "…the source of the RSL for lead is the same as that of the TBC (see footnote i)…" This statement is confusing, as the "*footnote i*" states: "*ILCR for combined Aroclor 1254 and 1260 concentration of 1 mg/kg*…" and "*TBC*" is explained below, as: "*- To be considered criterion*…" Please revise these statements.**

Response 2: The footnote will be corrected to state that "…the source of the RSL is the same as for the *RG*." The parenthetical reference within this footnote will be changed to "see footnote j."

Comment 3: **Table 2-1, footnote g. This document states: "…*RG based on combined Aroclor 1254 and 1250 concentrations*…" Aroclor "*1250*" seems to be in error. Please check and correct this statement.**

Response 3: "Aroclor 1250" will be changed to "Aroclor 1260."

Comment 4: **Table 2-1 footnote j. This document states: "…February,. *and is support by the baseline human health risk assessment*…" This last sentence of the footnote "j" seems to be in error. Please check and correct this statement.**

Response 4: This last phrase will be deleted from footnote j.

Comment 5: **Table 2-1 footnote k and Section 2.2.1, Page 2-2, Line 31. . This document states: "…*The noncancer effects of TNT are not additive with those of the other COCs, because the other COCs have different target organs*…" This statement is incorrect, as e.g., one of the target organs for both Aroclor 1260 and TNT is the liver. Also, Aroclor 1254 at some dose is hepatotoxic, especially in rats (U.S. EPA, 1990), but also demonstrable in monkeys (see IRIS, U.S. EPA, 1994). Please correct this statement and comment on potential implications of evaluating in risk assessment only "critical effects."**

References:

U.S. EPA (1990) Drinking Water Criteria Document for Polychlorinated Biphenyls (PCBs). Prepared by the Office of Health and Environmental Assessment, Environmental Criteria and Assessment Office, Cincinnati, OH for the Office of Drinking Water, Washington, DC.

U.S. EPA (1994) Aroclor 1254 (CASRN 11097-69-1) Integrated Risk Information System. On line: http://www.epa.gov/iris/subst/0389.htm.

Response 5: The primary source of toxicity information used in the BHHRA is the Integrated Risk Information System (IRIS) (2011a). IRIS provides toxicological summaries and reviews for cancer effects and noncancer effects of each chemical or chemical grouping listed. Based on a review of IRIS, it is agreed that exposure to Aroclor 1260 has been observed in animals to cause various types of liver tumors. However, no chronic reference dose (RfD) for any noncarcinogenic effect is listed in IRIS for Aroclor 1260. Nor is any RfD suggested for Aroclor 1260 on the Regional Screening Level (RSL) table (EPA, 2011b). Cancer effects and noncancer effects are evaluated much differently, as cancer effects are evaluated based on a risk per dose and noncancer effects are evaluated based on comparison to a safe threshold (i.e., the RfD). There is no protocol for comparing the additivity of cancer and noncancer effects. Therefore, the liver cancer effects of Aroclor 1260 and the noncancer liver effects of TNT cannot be evaluated as additive.

For noncancer effects via the oral pathway IRIS provides the following toxicity information: the RfD, the lowest-observed-adverse-effect level (LOAEL) (or similar toxicological measure) of the study on which the RfD is based, the target organ(s) of the selected LOAEL study (otherwise known as the critical effect), and the uncertainty factor. Typically, only the critical effects are quantitatively evaluated in baseline human health risk assessments (BHHRA) because the verified RfDs are based on these effects, which are selected by EPA (during the RfD verification process) to be the most protective to the public. The verified RfD for Aroclor 1254 is 2E-5 mg/kg-day based on a LOAEL of 0.005 mg/kg-day and an uncertainty factor of 300. The critical effects for the verified RfD value are various effects on the eye, fingernails and toenails, and immune responses. Although other effects may

result from exposure to Aroclor 1254, these effects are regarded as occurring only at a higher does. Therefore, the RfD is regarded as protective of all noncancer effects.

For multiple chemicals with the same critical effect, additivity is assumed between chemicals. Because toxicological studies are not typically performed using the two or more chemicals of interest to the BHHRA, it is not generally possible to ascertain the uncertainties associated with the assumption of additivity. In addition to characterizing multiple chemicals with respect to their critical effects, it is possible to qualitatively evaluate the additivity of "non-critical" effects: that is, the potential effect on a target organ that is identified by IRIS as being associated with a dose that is greater than the LOAEL. (Sometimes a study may have a LOAEL that is equal to or lower than that of the study selected for the RfD, but the study is determined insufficient by EPA to verify an RfD; these insufficient studies are highly wrought with uncertainty and should generally not be used.) If a study for a non-critical effect has a LOAEL that is higher than that of the RfD study, the comparability of the study to that of the RfD study is partly determined by the comparability of the respective LOAELs.

In the case of Aroclor 1254, a no-observed-adverse-effect level (NOAEL) of 0.04 mg/kg-day with respect to hepatic effects in rhesus monkeys was identified by Arnold et al. (1997) as cited in ATSDR (2000). This value is 8 times higher than the LOAEL on which the RfD was based for critical effects that do not include the liver. Note that the RfD is based on previous work in monkeys by Arnold et al., (1993a,b) and colleague Tryphonas (1989; 1991a,b). Arnold et al., (1997) is a continuation of this work on which the RfD is based. Decreased serum cholesterol was reported in three of four monkeys dosed at 0.04 mg/kg-day (Arnold et al., 1993a) and increased relative liver weights were reported in monkeys at a LOAEL of 0.08 mg/kg-day (Arnold et al., 1997). Neither of these effects is necessarily adverse, but may represent an adaptation within a threshold effect level. At worst, these effects (i.e., decreased serum cholesterol and increased relative liver weight) are less serious liver effects (ATSDR, 2000). Linder et al., (1974) also reported increased relative liver weights in weanling rats at a dose of 0.06 mg/kg-day, but considered a dose of 0.32 mg/kg-day to be a NOAEL based on altered relative liver weights and no change in histopathology (i.e., cellular effects. The lowest LOAEL for dose-related hepatocelluar effects (rather than potentially adaptive effects), based on chronic studies listed in IRIS or the ATSDR, was a dose of 0.2 mg/kg-day (Tryphonas, et al., 1986).

In summary, the LOAEL values for the adaptive or minor liver effects (i.e., decreased serum cholesterol and increased relative liver weight) are approximately an order of magnitude higher than the LOAEL on which the RfD is based (for eye, nail, and immune effects). The lowest LOAEL for hepatocellular effects (0.2 mg/kg-day) is 40 times greater than the LOAEL of

0.005 used as a basis to derive the RfD. Therefore, the derivation of an RG based on the verified Aroclor 1254 RfD and an HQ of 1 indicates that exposure at the RG level contributes an HQ value of 0.1 or less for potential liver effects. Even if Aroclor 1254 were assumed to contribute an additive HQ of 0.1 to the liver-based RG for TNT of 1.0 for TNT, which is based on an HQ of 1.0, the resulting HI for TNT and liver-effect Aroclor 1254 would still easily round to the target HI of 1.

Footnote k will be revised as shown in italics: "… because the other COCs have different target organs *with respect to their critical effects*." The referenced sentence in Section 2.2.1 will be revised consistent with the following: Noncancer effects *of different COCs* are generally assumed to be additive only if their *respective* critical effect *levels have the same* target organ." The response to this comment will be attached to the FS.

References Used In Responses:

Agency for Toxic Substances and Disease Registry (ATSDR), 2000, ***Toxicological Profile for Polychlorinated Biphenyls (PCBs)***, U.S. Department of Health and Human Services, Atlanta, Georgia, November.

Arnold, D.L., E.A. Nera, and R. Stapley, et al., 1997, *Toxicological Consequences of Aroclor 1254 Ingestion by Female Rhesus (Macaca mulatta) Monkeys and Their Nursing Infants, Part 3: Post-Reproduction and Pathological Findings*, ***Food Chemistry and Toxicology***, Volume 35, pp. 1191-1207.

Arnold, D.L., F. Bryce, and R. Stapley, et al., 1993a, *Toxicological Consequences of Aroclor 1254 Ingestion by Female Rhesus (Macaca mulatta) Monkeys, Part 1A: Prebreeding Phase – Clinical Health Findings*, ***Food Chemistry and Toxicology***, Volume 31, pp. 799-810.

Arnold, D.L., F. Bryce, and K. Karpinski, et al., 1993b, *Toxicological Consequences of Aroclor 1254 Ingestion by Female Rhesus (Macaca mulatta) Monkeys, Part 1A: Prebreeding Phase – Clinical and Analytical Laboratory Findings*, ***Food Chemistry and Toxicology***, Volume 31, pp. 811-824

Linder, R.E., T.B. Gaines, and R.D. Kimbrough, 1974. *The Effect of Polychlorinated Biphenyls on Rat Reproduction*, ***Food and Cosmetics Toxicology***, Volume 12, pp. 63-77.

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Tryphonas H, M.I. Luster, and K.L. White Jr., et al., 1991b, *Effects of PCB (Aroclor® 1254) on Non-specific Immune Parameters in Rhesus (Macaca*

mulatta) Monkeys, International Journal of Immunopharmacology, Volume 13, pp. 639-648.

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Tryphonas L, S. Charbonneau, H. Tryphonas H, et al., 1986, *Comparative Aspects of Aroclor 1254 Toxicity in Adult Cynomolgus and Rhesus Monkeys: A Pilot Study*, ***Archives of Environmental Contamination and Toxicology***, Volume 15, pp. 159-169.

U.S. Environmental Protection Agency (EPA), 2011a, ***Integrated Risk Information System (IRIS)***, National Center for Environmental Assessment, Cincinnati, Ohio, on line.

U.S. Environmental Protection Agency (EPA), 2011b, ***Regional Screening Level Table***, June, on line at www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/index.htm.

U.S. Environmental Protection Agency (EPA), 1997, ***Ecological Risk Assessment Guidance for Superfund: Process for Designing and Conducting Ecological Risk Assessments***, *EPA/540-R-97-006.*

U.S. Environmental Protection Agency (EPA), 1991a, *Ecological Assessment of Superfund Sites: An Overview*, ***Eco Update,*** Volume 1 No. 2., Office of Solid Waste and Emergency Response, December.

U.S. Environmental Protection Agency (EPA), 1991b, *Role of the Baseline Risk Assessment in Superfund Remedy Selection Decisions*, Memorandum from D. R. Clay (Assistant Administrator) to EPA regional directors, Office of Solid Waste and Emergency Response (OSWER) Directive 9355.0-30, April 21.