FINAL REPORT

Residual Risk Evaluation
Perimeter Sampling Summary

Pentolite Road Red Water Ponds
Plum Brook Ordnance Works
Sandusky, Ohio

Contract No. W91237-07-C-0007

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May-June 2009

1.0 INTRODUCTION

A Non-Time Critical Removal Action (NTCRA) was initiated at Pentolite Road Red Water Ponds (PRRWP) in 2003 for the removal of nitroaromatic contaminated soil and resumed in Spring 2007 with the excavation of additional contaminated soil. The purpose of the NTCRA was to remove nitro-aromatic contaminated soil found in the PRRWP area of the National Aeronautics and Space Administration (NASA) Plum Brook Ordinance Works (PBOW) site located in Sandusky, Ohio. Refer to Figure 1-1 in Appendix A for the vicinity map and Figure 1-2 for the site location map. The United States Army Corps of Engineers (USACE) is the responsible Agency for the investigation and remediation of Department of Defense (DOD) generated contamination at PBOW during the operation of the site from 1941 to 1945.

PRWWP was a 1 to 3 acre unlined pond that received waste process water from the munitions manufacturing. The pond was pumped and backfilled in 1977. Refer to figure 1-3 in Appendix A for the approximate historical pond location. A Remedial Investigation was performed of PRRWP and the West Area Red Water Pond in 1994. A total of 104 soil samples, 7 overburden groundwater samples and 4 bedrock samples were collected from both areas. Soil, sediment, surface water and ground water sampling was conducted as part of a direct push investigation. In the PRRWP area 20 surface soil, 39 subsurface soil, 20 overburden groundwater, 4 surface water and 4 sediment samples were collected. Groundwater samples have been collected from overburden and bedrock monitoring wells since 1977. Based on the results of these investigations, a Feasibility Study (FS) was completed in 2002 which provided USACE with the information necessary to complete *The Final Action Memorandum for Pentolite Road Red Water Ponds Interim Removal Action* (USACE 2003). This document provides an overview and summary of the contamination in PRRWP as well as presents remedial alternatives

During the 2007 excavation, as a result of the characterization of the soil, a small portion was able to be used as fill for the excavation. Refer to Figure 1-3 for the extent of the excavation. Approximately half of the soil met the criteria established for land fill disposal and was transported off-site to the Erie County Landfill for use as daily cover. The remainder of the soil was hazardous because the concentrations of 2, 4 DNT concentrations were detected above 0.13 mg/kg. In addition, these soils had concentrations of 2, 4, 6 TNT above the remedial Goal Objective of (RGO)

13.8 mg/kg. Rather than disposing of the soil as hazardous waste the decision was made to manage the soils by utilizing ex-situ bioremediation in the form of composting. The composting effort began in the Summer of 2008. The contaminated soil was composted using a recipe of chicken manure and straw. The composting effort was successful in reducing the TNT concentrations to below the RGO, and DNT levels below the hazardous concentration. The reduction of nitroaromatics was so significant that ultimately, the composted material was stockpiled in a NASA- designated location for their use and is being used by NASA for their projects. For complete discussion of contamination and remediation at this site, read the report, *Interim Soil Removal Action Continuation Report - Soil Excavation, Composting, and Disposal - Plum Brook Ordnance Works Pentolite Road Red Water Ponds Sandusky, OH* (McTech Corp, April 2009).

In the spring of 2009, additional evaluation of laboratory analysis from the perimeter of the excavation was conducted to determine if residual risk was present. During this review, it was discovered that the non-cancer hazard index associated with residual soil around the perimeter of the perimeter of the excavation was unacceptable based on residential land use. Therefore, further delineation of the site was required. The remainder of this summary report details the field activities, summarizes the laboratory analysis, and provides the survey data on the test pit locations.

2.0 SURVEY

Using information from the 2003 and 2007 activities, the horizontal excavation limits were surveyed and staked. With the area of original excavation staked, additional sample perimeters were established at 30’, 60’ and 90’ from the perimeter of the original excavation. As a result of a review of the laboratory results from the earlier investigations and historical pond location, the sample locations changed somewhat from the 60’ and 90’ locations to a more northerly and southerly pattern. Each sample location was staked and upon completion the land surveyor performed a final survey, capturing exact locations. The layout of the original excavation, additional sample perimeters and all sample locations and coordinates are found on Figure 1, Appendix B.

3.0 TEST PIT LOCATIONS

The field activities were initiated with surveying the coordinates of the original excavation. From the original excavation, 3 irregular-shaped circles, designed to match shape of original excavation limits were located at 30’, 60’, and 90’ from the perimeter of the original excavation. The layout of the 2009 sample grids are presented in Appendix B.

The first sample point, (sample no. 200708M-RR-239), was located along the 30’ perimeter, adjacent to the northern-most point of the original perimeter. Sample points, or test pit locations, were established in a clockwise direction along the 30’ perimeter at 25’ intervals. In the event a

stand of trees or other natural barrier (creek or drainage ditch) prevented locating the sample point at the 25' interval, the distance was adjusted to avoid the barrier, but was maintained within a 20'-30' interval of the preceding sample point. Each test pit location was staked and the survey design points and corresponding sample numbers were written on the stake. A total of 42 samples points were established along the 30' perimeter and a total of 42 samples were collected and analyzed.

Likewise, sample points were established along the 60' and 90' perimeters using the same methodology as for the 30' perimeter. Fifty three (53) sample points were established on the 60' perimeter and fifty nine (59) sample points were established along the 90' perimeter.

USACE wanted to optimize this sampling effort therefore, the sample locations were re-evaluated by a review of data from an earlier investigation, laboratory data and risk calculations indicated that soil around the perimeter of the original excavation continued to pose risk to human health The decision was made by USACE, to expand the test pit locations to the North and to the South of the original excavation with the exception of greater samples. Any sampling along the 60'and 90' perimeter would be conducted later in 2009. The expanded sampling grid to the North and South was identified as the estimated Pond Perimeter Grid (PPG), and seventy one (71) test pits were established in this grid. The PPG extended approximately 250' to the north and approximately 150' to the south of the former pond bed, and the east and west boundaries of the PPG were consistent with the former pond bed. Refer to Appendix A Figure 1-3 for former pond bed.

4.0 TEST PIT EXCAVATION AND SAMPLING SCHEME

The test pits were excavated using a Linkbelt LX160 excavator equipped with a 12-inch bucket. Each test pit location was excavated to a 10' depth or to the presence of groundwater appeared, which ever was first. The excavating crew checked the depth of the excavation as it progressed and verified the depth prior to collecting soil. All of the test pit excavations were made to the 10' depth. At several of the test pits, groundwater was encountered after reaching the 10' depth. A composite sample was taken from the outer test pit wall using the excavator bucket entry into the test pit by on site personnel was not allowed. After the sample was collected, the pit was backfilled immediately with the same soil that had been excavated from it, and the stake was placed back in the ground to mark the location. The survey coordinates for all test pits located on the original perimeter, the 30', 60', 90, and pond perimeter grid are provided in schematic and summary sheet format in Appendix B.

It should be noted that on the north-east corner of the estimated pond perimeter grid an approximate 4"diameter clay pipe was encountered during excavation of test pits. The pipe was observed in several test pits, and consistent, as the excavations moved from west to east. The pipe contained red water and a sample was collected. The results of the sample will be discussed in a follow-on report

by Shaw Environmental when the delineation investigation is completed in PRRWP. Shaw's delineation investigation is scheduled to begin in mid July 2009.

5.0 SAMPLE COLLECTION AND ANALYSIS

For each sample location, soil was composited in the bucket of the excavator by scraping the outer walls of the pit. Subsequently, several grab samples were collected from the bucket and composited in a 1-gallon plastic bag. The soil was mixed in the bag, and then a portion was removed and placed in an 8-ounce glass sample jar. The sample jar was labeled with the project identification, sample number, date, time, and method of preservation, analyte/method, and the initials of the sampler. The sample numbers were numbered sequential from the 2005 investigative effort of the WTI. The sample jar was inserted into a bubble-bag and finally into a 1-quart zippered plastic bag. Each recovered sample was stored on ice in a cooler designated for the samples. The Chain-of-Custody was maintained with the sample batch. Samples were shipped once per week to the laboratory using Federal Express overnight service.

The samples were then submitted for total nitroaromatic analysis using EPA SW-846 Method 8330, to GPL Laboratories, GPL is NELAP and QSM certified, and located in Frederick, Maryland. The analytical results are summarized in the following tables. The laboratory analytical reports are also provided in Appendix C.

Summary of Laboratory Results - 30' Perimeter
PRRWP Residual Risk Sample Identification - May 2009

Sample ID	Sample Results, mg/kg													
McTech May 2009	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Amino-4,6-Dinitrotoluene	4-Amino-2,6-Dinitrotoluene	HMX	Nitrobenzene	RDX	Tetryl	m-Nitrotoluene	o-Nitrotoluene	p-Nitrotoluene
200708M-RR-239	9100	3400	BQL	7400	1200	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-240	5900	BQL	BQL	7600	1100	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-241	20000	5900	560	22000	3000	BQL	BQL	5600	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-242	27000	4700	280	15000	2000	BQL	BQL	5600	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-243	BQL	440	BQL	1900	220	270	380	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-244	15000	BQL	380	14000	2000	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-245	340	310	BQL	1300	160	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-246	700	430	26000	480	96	6400	2900	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-247	140	BQL	230	58	BQL	260	300	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-247.5	BQL	31	38	42	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-248	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-249	BQL	BQL	77	BQL	BQL	32	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-250	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-251	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-252	600	64	170	94	BQL	120	240	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-253	660	BQL	BQL	150	89	160	240	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-254	1200	77	BQL	1400	280	260	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-255	560	530	BQL	1500	240	170	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-256	1800	50	BQL	43	BQL	99	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-257	1700	460	63	420	BQL	380	480	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-258	1400	130	BQL	310	110	200	220	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-259	400	79	BQL	82	BQL	83	100	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-260	620	BQL	BQL	50	BQL	59	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-261	420	BQL	BQL	270	71	81	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-262	530	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-263	82	BQL	BQL	79	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-264	200	BQL	BQL	85	BQL	160	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-265	400	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-266	2.5	0.46	BQL	1.5	BQL	BQL	BQL	0.81	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-267	7.7	2.1	BQL	2.7	0.21	0.03	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-268	12	3.3	BQL	5.7	0.44	BQL	BQL	0.72	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-269	14	4.5	0.27	8.5	1.1	BQL	BQL	1.9	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-270	10	2.0	BQL	4.0	0.48	0.42	BQL	0.45	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-271	17	3.6	BQL	8.2	1.2	0.56	BQL	1.1	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-272	7.7	2	BQL	4.7	0.46	BQL	BQL	1.2	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-273	1.3	0.88	BQL	2.1	0.3	BQL	BQL	0.14	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-274	0.88	0.41	BQL	1.3	0.26	0.27	0.25	0.12	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-275	2.2	BQL	BQL	9.8	1.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-276	12	5.4	BQL	14	1.9	2.3	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-277	1.2	BQL	1.5	1.5	0.26	0.68	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-278	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-279	16	BQL	BQL	7.8	0.52	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL

Summary of Laboratory Results - 60' Perimeter														
PRRWP Residual Risk Sample Identification - May 2009														
Sample ID	Sample Results, mg/kg													
McTech May 2009	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Amino-4,6-Dinitrotoluene	4-Amino-2,6-Dinitrotoluene	HMX	Nitrobenzene	RDX	Tetryl	m-Nitrotoluene	o-Nitrotoluene	p-Nitrotoluene
200708M-RR-286	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-296	0.21	BQL	0.76	0.32	0.32	0.45	0.66	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-312	2.2	0.026	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL

Summary of Laboratory Results - 90' Perimeter														
PRRWP Residual Risk Sample Identification - May 2009														
Sample ID	Sample Results, mg/kg													
McTech May 2009	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Amino-4,6-Dinitrotoluene	4-Amino-2,6-Dinitrotoluene	HMX	Nitrobenzene	RDX	Tetryl	m-Nitrotoluene	o-Nitrotoluene	p-Nitrotoluene
200708M-RR-337	3.2	1.2	10	1.6	0.46	1.1	1.2	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-353	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-367	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-383	1.5	0.42	0.14	1.6	0.21	0.30	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL

Summary of Laboratory Results - Pond Perimeter Grid
PRRWP Residual Risk Sample Identification - May 2009

Sample ID	Sample Results, mg/kg													
McTech May 2009	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Amino-4,6-Dinitrotoluene	4-Amino-2,6-Dinitrotoluene	HMX	Nitrobenzene	RDX	Tetryl	m-Nitrotoluene	o-Nitrotoluene	p-Nitrotoluene
200708M-RR-393	1.4	0.51	BQL	0.37	BQL	0.084	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-394	7.0	1.2	BQL	5.4	0.56	0.38	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-395	3.6	0.58	BQL	2.9	0.28	0.36	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-396	7.8	2.4	0.26	5.5	0.6	0.77	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-397	5.6	1.6	0.52	5.8	0.75	0.76	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-398	7.0	BQL	4.5	19	2.4	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-399	3.2	2.2	BQL	4.1	0.58	0.37	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-400	0.39	BQL	BQL	2.1	0.23	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-401	18	5.4	BQL	17	1.9	1.6	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-402	9.9	3.4	BQL	9.6	1.2	0.74	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-403	0.099	0.058	BQL	0.8	BQL	0.098	0.11	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-404	2.2	1.4	BQL	2.6	0.33	0.39	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-405	28	12	0.1	33	3.6	2.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-406	18	7.6	BQL	18	1.8	0.98	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-407	0.39	0.29	0.074	0.88	BQL	0.21	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-408	2.3	1.3	BQL	2.8	0.39	0.38	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-409	0.92	0.62	0.1	1.5	0.19	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-410	8.3	3.6	BQL	8.7	0.89	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-411	9.8	3.6	BQL	6	0.8	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-412	9.1	3.3	BQL	5.7	0.67	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-413	12	4.9	BQL	5.7	0.95	1.1	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-414	1.8	0.46	BQL	1.3	0.23	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-415	3.2	1.0	BQL	4	0.61	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-416	19	BQL	BQL	16	2.6	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-417	7.2	3.0	BQL	7.5	1.1	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-418	22	7.8	BQL	19	3.1	2.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-419	3.9	2.4	BQL	4.6	0.85	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-420	10	4.1	BQL	10	1.4	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-421	10	3.7	BQL	9.7	1.2	BQL	BQL	BQL	BQL	BQL	BQL	0.20	BQL	BQL
200708M-RR-422	14	6	0.054	16	2.5	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-423	31	15	0.13	27	3.4	1.9	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-424	1.5	0.77	0.04	2.9	0.46	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-425	2.4	0.44	BQL	1.8	0.36	0.19	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-426	BQL	0.086	0.71	0.21	0.036	0.23	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-427	BQL	0.011	0.31	0.12	0.031	0.25	0.22	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-428	0.32	0.033	0.16	0.14	0.038	0.25	0.31	BQL	BQL	BQL	BQL	BQL	BQL	BQL

Summary of Laboratory Results - Pond Perimeter Grid
PRRWP Residual Risk Sample Identification - May 2009

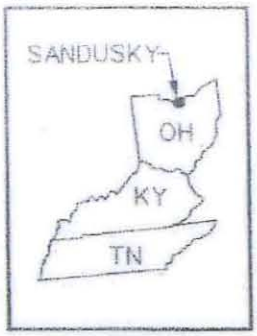
Sample ID	Sample Results, mg/kg													
McTech May 2009	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Amino-4,6-Dinitrotoluene	4-Amino-2,6-Dinitrotoluene	HMX	Nitrobenzene	RDX	Tetryl	m-Nitrotoluene	o-Nitrotoluene	p-Nitrotoluene
200708M-RR-429	0.86	BQL	BQL	0.062	BQL	39	0.088	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-430	4.5	2.2	BQL	8.9	1.3	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-431	1.9	BQL	BQL	4.1	0.66	0.49	BQL	BQL	BQL	BQL	BQL	0.081	BQL	BQL
200708M-RR-432	0.067	BQL	BQL	0.16	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-433	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-434	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-435	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-436	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-437	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-438	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-439	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-440	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-441	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-442	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-443	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-444	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-445	BQL	BQL	BQL	0.052	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-446	6.7	BQL	BQL	1.3	0.26	0.4	BQL	BQL	0.057	BQL	BQL	BQL	BQL	BQL
200708M-RR-447	0.3	BQL	BQL	BQL	BQL	0.063	0.082	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-448	0.078	0.019	0.49	0.067	BQL	0.046	0.46	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-449	BQL	0.036	BQL	0.16	BQL	0.038	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-450	0.071	BQL	BQL	0.11	BQL	0.075	0.12	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-451	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-452	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-453	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-454	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-455	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-456	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-457	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-458	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-459	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-460	BQL	BQL	BQL	BQL	BQL	BQL	0.060	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-461	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-462	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-463	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL

6.0 FOLLOW ON ACTIVITIES

The analytical results of these samples will be evaluated by Shaw Environmental for use in the follow-on round of delineation sampling and, as necessary, will be re-evaluated. Analytical data previously collected will be re-evaluated as well. Further sampling in the vicinity of the former pond location will be performed. This effort will include excavating, sampling and field screening of test pits. These evaluations will be done to determine the extent of contamination, human health risks and potential future remediation of this site. The findings from the delineation samples will be incorporated into a PRRWP Feasibility Study Addendum. Should there would be additional remedial action required, this will ultimately be reflected in the PRRWP Proposed Plan and Decision Documents.

APPENDIX A

FIGURE 1-1 VICINITY MAP
FIGURE 1-2 LOCATION MAP
FIGURE 1-3 EXCAVATION PERIMETER AND FORMER POND PERIMETER MAP



NOT TO SCALE

FIGURE 1-1
PBOW VICINITY MAP

PENTOLITE ROAD RED WATER POND AREA
SOIL DELINEATION SSAP
FORMER PLUM BROOK ORDNANCE WORKS
NASA PLUM BROOK STATION
SANDUSKY, OHIO

Shaw Environmental & Infrastructure, Inc.

STARTING DATE: 06/03/09	DATE LAST REV.:	DRAFT. CHCK. BY: C. BENTLEY	INITIATOR: C. ANGLIN
DRAWN BY: C. BENTLEY	DRAWN BY:	ENGR. CHCK. BY:	PROJ. MGR.: S. DOWNEY

prrwp_sd_ssap_001.dgn
PROJ. NO.: 132458

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cbentley
prrwp_sd_ssap_001.dgn
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6/16/2009

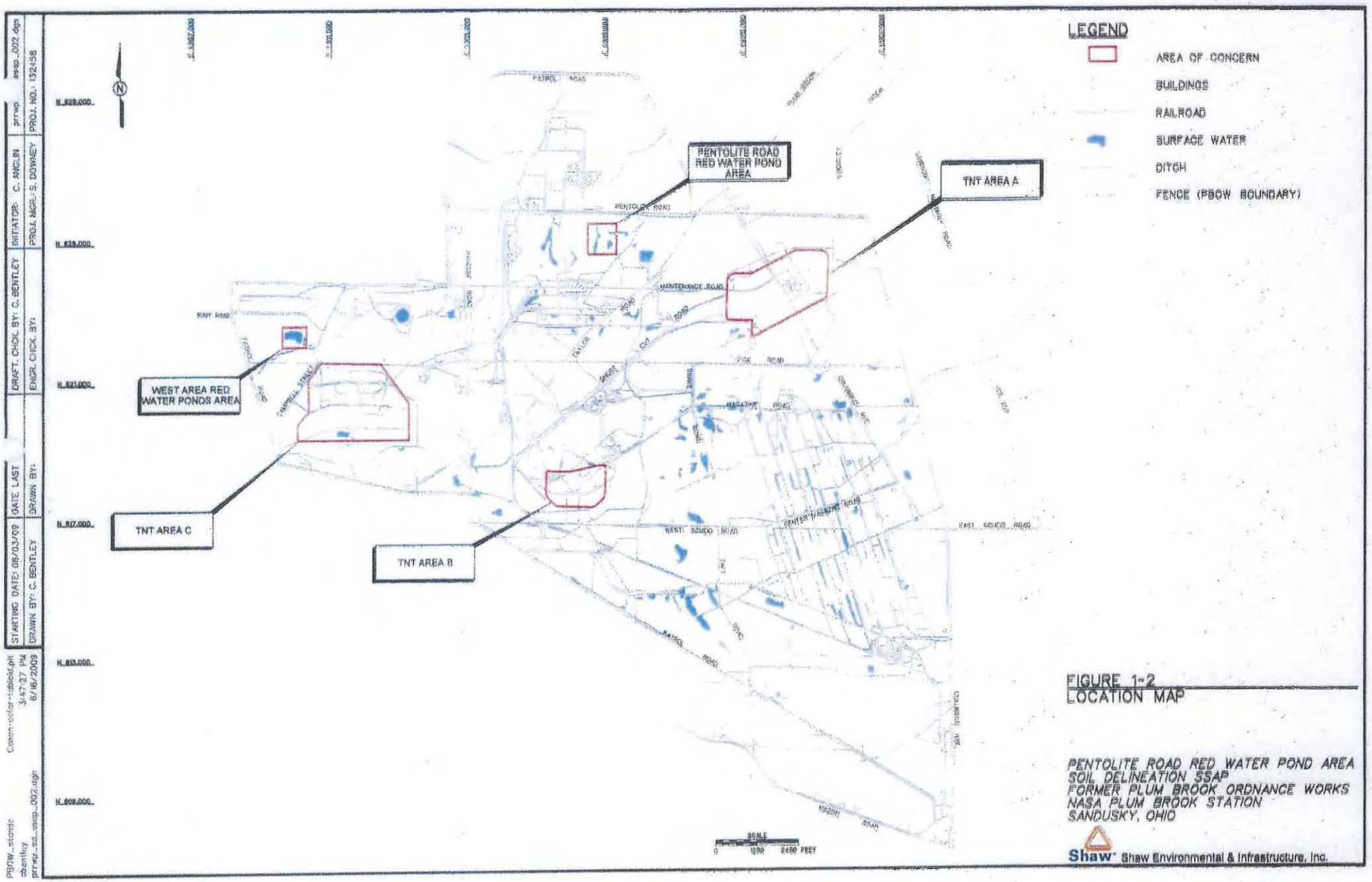

FIGURE 1-2
LOCATION MAP

PENTOLITE ROAD RED WATER POND AREA
SOIL DELINEATION SSAP
FORMER PLUM BROOK ORDNANCE WORKS
NASA PLUM BROOK STATION
SANDUSKY, OHIO

Shaw Environmental & Infrastructure, Inc.

STARTING DATE: 06/03/09 | DATE LAST
DRAWN BY: C. BENTLEY | DRAWN BY:
DRAFT. CHCK. BY: C. BENTLEY | INITIATOR: C. ANGLIN | prwp
ENGR. CHCK. BY: | PROJ. MGR.: S. DOWNEY | PROJ. NO.: 132458
prwp_002.dgn

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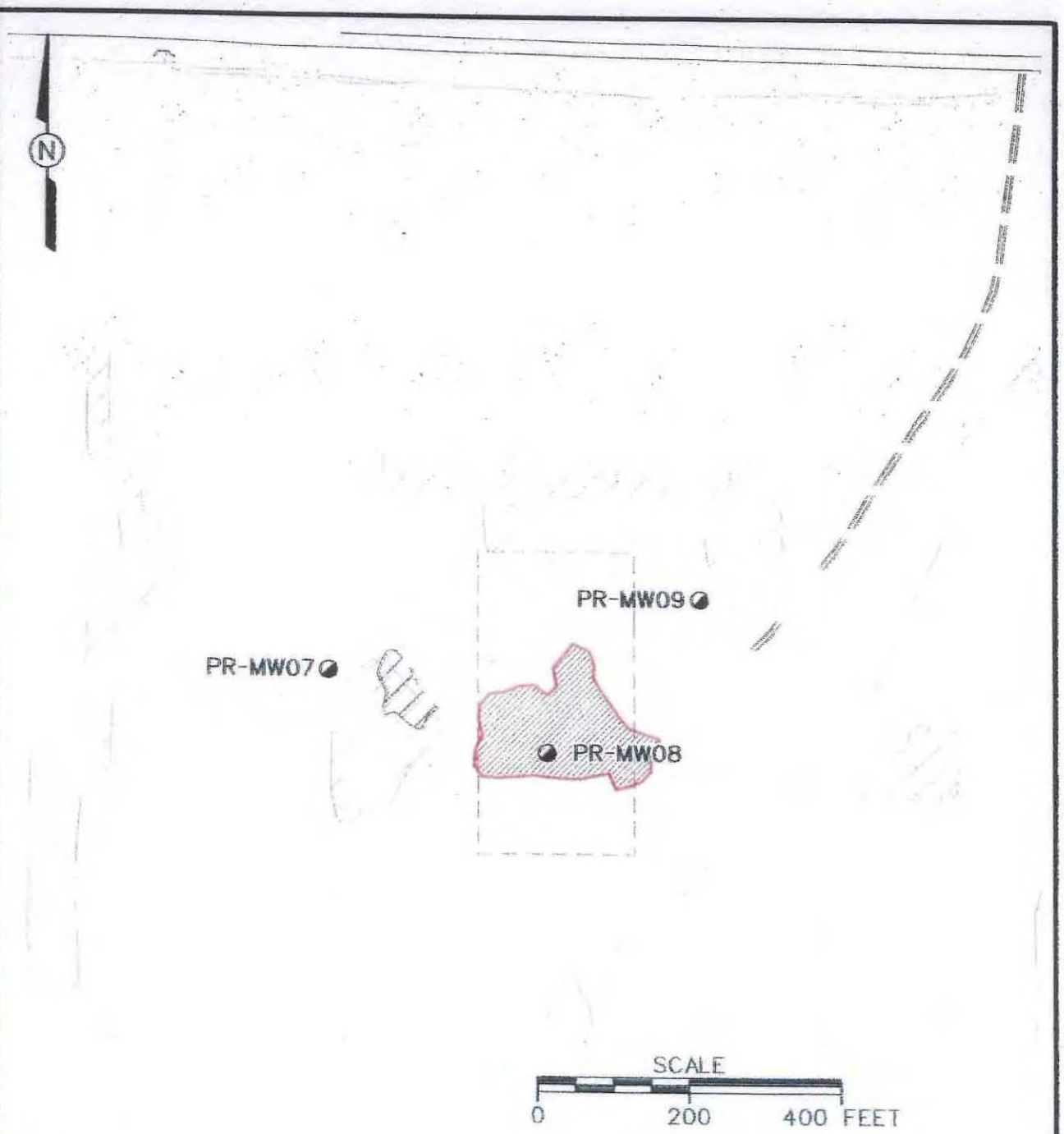
PBOW_stands
dbentley
prwp_34_swp_002.dgn



STARTING DATE: 06/03/09 | DATE LAST REV.: | DRAFT, CHCK, BY: C. BENTLEY | INITIATOR: C. ANGLIN | prrwp_sd_ssap_003.dgn

DRAWN BY: C. BENTLEY | DRAWN BY: | ENGR, CHCK, BY: | PROJ. MGR.: S. DOWNEY | PROJ. NO.: 132458

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PBOW_standard.tbl cbentley prrwp_sd_ssap_003.dgn

LEGEND

- BUILDINGS
- APPROXIMATE HISTORICAL LOCATION OF POND
- SURFACE DRAINAGE
- SURFACE WATER
- OVERBURDEN/SHALE MONITORING WELL LOCATION
- COMPLETED TNT SOIL REMEDIATION AREA

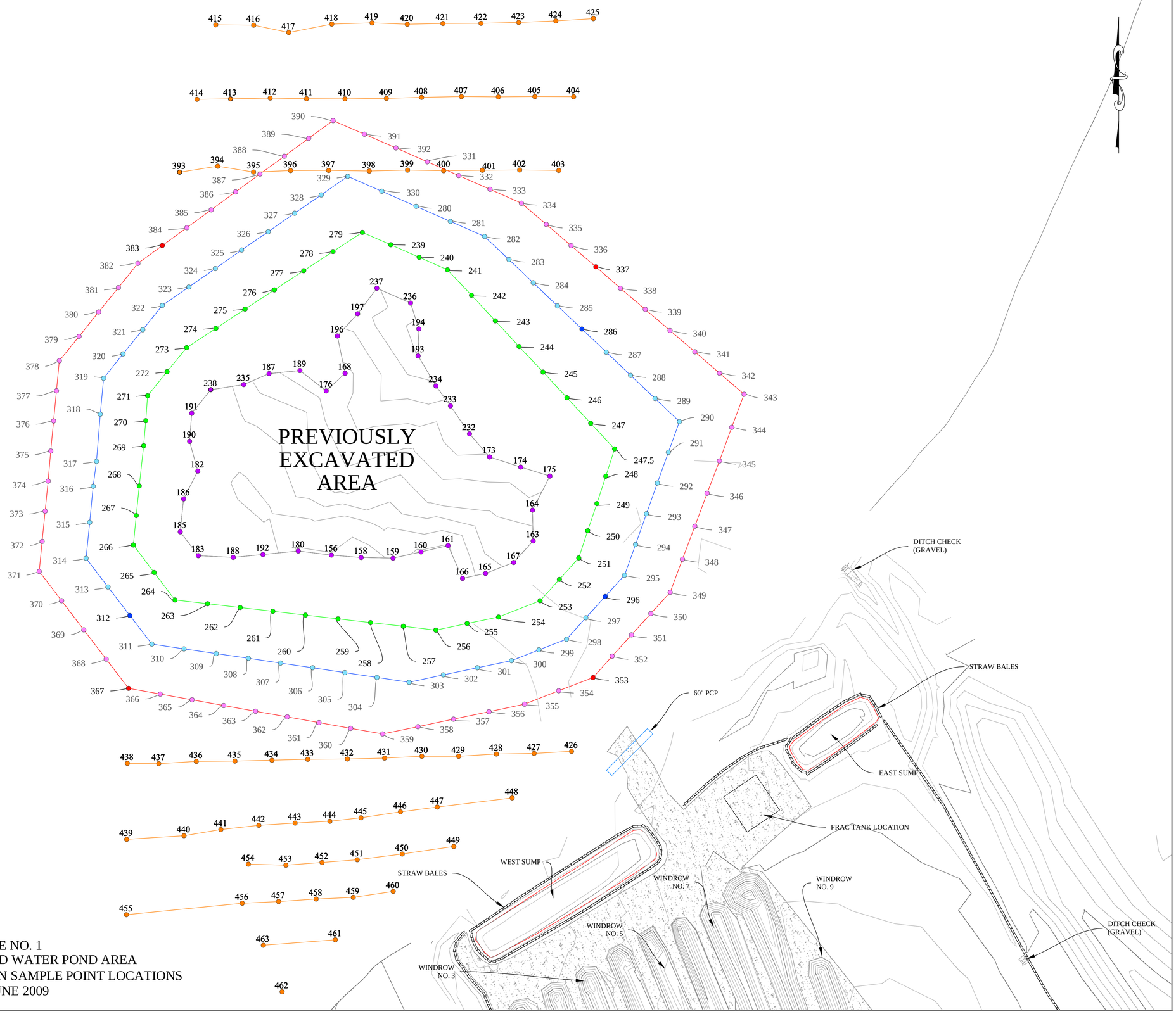
FIGURE 1-3
LOCATION OF THE NONTIME CRITICAL REMOVAL ACTION EXCAVATION AT THE PENTOLITE ROAD RED WATER POND AREA

PENTOLITE ROAD RED WATER POND AREA
SOIL DELINEATION SSAP
FORMER PLUM BROOK ORDNANCE WORKS
NASA PLUM BROOK STATION
SANDUSKY, OHIO

Shaw Environmental & Infrastructure, Inc.

APPENDIX B

FIGURE 1 ORIGINAL EXCAVATION, TEST PIT/SAMPLE LOCATIONS SURVEY COORDINATES



LEGEND

- LOCATION OF THE ORIGINAL EXCAVATION AND ORIGINAL SAMPLE POINTS
- 30' PERIMETER - ACTUAL RESIDUAL SAMPLE POINT
- 60' PERIMETER - PROPOSED RESIDUAL SAMPLE POINTS
- 60' PERIMETER - NUMBERS IN BOLD FONT REPRESENT THE ACTUAL RESIDUAL SAMPLE POINT ALONG THE 60' PERIMETER
- 90' PERIMETER - PROPOSED RESIDUAL SAMPLE POINTS
- 90' PERIMETER - NUMBERS IN BOLD FONT REPRESENT THE ACTUAL RESIDUAL SAMPLE POINT ALONG THE 90' PERIMETER
- ESTIMATED POND PERIMETER GRID (NORTH & SOUTH) - ACTUAL RESIDUAL SAMPLE POINT

US ARMY CORPS OF ENGINEERS
HUNTINGTON DISTRICT

FORMER PLUM BROOK ORDNANCE WORKS
NASA PLUM BROOK STATION

PENTOLITE ROAD RED WATER POND AREA
RESIDUAL RISK EVALUATION
PERIMETER SAMPLING SURVEY, MAY-JUNE 2009

30 0 30
SCALE: 1" =30'

PREPARED BY:
Mountain State Company
P.O. BOX O • CEDAR GROVE, WV 25039
2318 E. DUPONT AVE • BELLE, WEST VIRGINIA
PHONE (304) 949-4762 FAX (304) 949-4764

DATE PREP-MED: JUNE 2009

T:\MSTECH\2009\ARDUSKY WORK_2009.dwg, 1:1

FIGURE NO. 1
PENTOLITE ROAD RED WATER POND AREA
RESIDUAL RISK EVALUATION SAMPLE POINT LOCATIONS
MAY-JUNE 2009

Survey Coordinate Summary - 30' Perimeter PRRWP Residual Risk Evaluation - May 2009			
Sample No. (McTech May 2009)	**Design Point (McTech May 2009)**	**N Coordinates**	**E Coordinates**
200708M-RR-239	10108	625061.453519	1919352.480306
200708M-RR-240	10107	625053.203797	1919371.277329
200708M-RR-241	10014	625044.912763	1919390.065420
200708M-RR-242	10106	625028.056689	1919405.903987
200708M-RR-243	10105	625011.073614	1919421.695498
200708M-RR-244	10104	624994.073288	1919437.431482
200708M-RR-245	10103	624977.154684	1919453.290827
200708M-RR-246	10102	624960.202164	1919469.088313
200708M-RR-247	10101	624943.249457	1919484.857048
200708M-RR-247.5	10006	624926.303486	1919500.644405
200708M-RR-248	10100	624908.207388	1919494.803293
200708M-RR-249	10099	624890.120987	1919488.884385
200708M-RR-250	10098	624872.101541	1919482.843131
200708M-RR-251	10004	624854.043786	1919476.903917
200708M-RR-252	10097	624839.853471	1919464.140247
200708M-RR-253	10003	624825.742561	1919451.296809
200708M-RR-254	10002	624814.961578	1919423.828158
200708M-RR-255	10096	624810.688074	1919403.062078
200708M-RR-256	10001	624806.313366	1919382.339513
200708M-RR-257	10124	624808.832984	1919360.776779
200708M-RR-258	10123	624811.257499	1919339.208039
200708M-RR-259	10122	624813.778196	1919317.644245
200708M-RR-260	10121	624816.258062	1919296.065218
200708M-RR-261	10120	624818.743129	1919274.479561
200708M-RR-262	10119	624821.269657	1919252.920151
200708M-RR-263	10118	624823.750816	1919231.321566
200708M-RR-264	10027	624826.254976	1919209.740060
200708M-RR-265	10117	624844.466574	1919195.961791
200708M-RR-266	10026	624862.658025	1919182.188217
200708M-RR-267	10116	624882.201803	1919184.134191
200708M-RR-268	10025	624901.765553	1919186.104878
200708M-RR-269	10023	624928.401750	1919189.067138
200708M-RR-270	10115	624944.949252	1919190.427632
200708M-RR-271	10022	624961.504853	1919191.584651
200708M-RR-272	10114	624977.435856	1919204.554064
200708M-RR-273	10021	624993.352436	1919217.475428
200708M-RR-274	10113	625006.102805	1919236.773879
200708M-RR-275	10112	625018.832289	1919256.145880
200708M-RR-276	10111	625031.574659	1919275.511823
200708M-RR-277	10110	625044.272143	1919294.919364
200708M-RR-278	10109	625056.969715	1919314.313119
200708M-RR-279	10015	625069.648293	1919333.700233

Survey Coordinate Summary - 60' Perimeter PRRWP Residual Risk Evaluation - May 2009			
Sample No. (McTech May 2009)	**Design Point (McTech May 2009)**	**N Coordinates**	**E Coordinates**
200708M-RR-280	10142	625086.921228	1919369.278432
200708M-RR-281	10141	625076.978396	1919391.930218
200708M-RR-282	10048	625066.953442	1919414.549065
200708M-RR-283	10140	625051.684742	1919430.706169
200708M-RR-284	10139	625036.303771	1919446.784628
200708M-RR-285	10138	625020.942370	1919462.852598
200708M-RR-286	**10137**	**625005.641157**	**1919478.989864**
200708M-RR-287	10136	624990.323124	1919495.099196
200708M-RR-288	10135	624975.007898	1919511.232922
200708M-RR-289	10134	624959.700334	1919527.453491
200708M-RR-290	10040	624944.370600	1919543.525272
200708M-RR-291	10133	624924.032312	1919536.227530
200708M-RR-292	10132	624903.711891	1919528.899004
200708M-RR-293	10131	624883.360212	1919521.682240
200708M-RR-294	10130	624862.981364	1919514.495766
200708M-RR-295	10038	624842.670215	1919507.175418
200708M-RR-296	**10129**	**624828.565375**	**1919494.377546**
200708M-RR-297	10128	624814.430997	1919481.611498
200708M-RR-298	10037	624800.309049	1919468.832125
200708M-RR-299	10127	624793.297138	1919450.576404
200708M-RR-300	10036	624786.098282	1919432.430746
200708M-RR-301	10126	624781.331239	1919409.862119
200708M-RR-302	10125	624776.656538	1919387.274370
200708M-RR-303	10035	624771.789712	1919364.710187
200708M-RR-304	10164	624774.947459	1919343.413107
200708M-RR-305	10163	624778.204809	1919322.141240
200708M-RR-306	10162	624781.376406	1919300.868061
200708M-RR-307	10161	624784.487319	1919279.571156
200708M-RR-308	10160	624787.657684	1919258.306332
200708M-RR-309	10159	624790.764067	1919236.999885
200708M-RR-310	10158	624793.901735	1919215.710055
200708M-RR-311	10060	624797.063712	1919194.448387
200708M-RR-312	**10157**	**624815.923619**	**1919179.873165**
200708M-RR-313	10156	624834.898935	1919165.434011
200708M-RR-314	10059	624853.854074	1919150.964316
200708M-RR-315	10155	624877.718087	1919153.304051
200708M-RR-316	10154	624901.567312	1919155.613852
200708M-RR-317	10153	624918.061335	1919157.845220
200708M-RR-318	10152	624949.248512	1919160.279924
200708M-RR-319	10055	624973.092265	1919162.483397
200708M-RR-320	10151	624989.175897	1919175.341934
200708M-RR-321	10150	625005.214560	1919188.379492
200708M-RR-322	10054	625021.275997	1919201.323634
200708M-RR-323	10149	625033.453263	1919218.906832
200708M-RR-324	10148	625045.666604	1919236.415387
200708M-RR-325	10147	625057.960689	1919253.852784
200708M-RR-326	10146	625070.076909	1919271.457989
200708M-RR-327	10145	625082.391201	1919288.922017
200708M-RR-328	10144	625094.454010	1919306.509744
200708M-RR-329	10049	625106.794251	1919323.994952
200708M-RR-330	10143	625096.845929	1919346.636440
200708M-RR-331	10187	625116.380279	1919376.671285
200708M-RR-332	10186	6245107.314197	1919397.472171

Survey Coordinate Summary - 90' Perimeter PRRWP Residual Risk Evaluation - May 2009			
Sample No. (McTech May 2009)	**Design Point (McTech May 2009)**	**N Coordinates**	**E Coordinates**
200708M-RR-333	10185	625098.174671	1919418.265100
200708M-RR-334	10077	625088.926628	1919439.002292
200708M-RR-335	10184	625074.937692	1919455.413404
200708M-RR-336	10183	625060.908709	1919471.819224
200708M-RR-337	**10182**	**625046.825681**	**1919488.177256**
200708M-RR-338	10181	625032.683563	1919504.428533
200708M-RR-339	10180	625018.695911	1919520.927031
200708M-RR-340	10179	625004.638939	1919537.314516
200708M-RR-341	10178	624990.573510	1919553.672857
200708M-RR-342	10177	624976.500174	1919569.988475
200708M-RR-343	10072	624962.439275	1919586.345990
200708M-RR-344	10176	624940.593813	1919578.161261
200708M-RR-345	10175	624918.316590	1919569.998696
200708M-RR-346	10174	624896.907487	1919561.818000
200708M-RR-347	10173	624875.035658	1919553.742741
200708M-RR-348	10172	624853.224636	1919545.488833
200708M-RR-349	10070	624831.339568	1919537.400638
200708M-RR-350	10171	624817.256286	1919524.605362
200708M-RR-351	10170	624803.168658	1919511.826625
200708M-RR-352	10169	624789.082534	1919499.047593
200708M-RR-353	**10069**	**624774.897371**	**1919486.350374**
200708M-RR-354	10168	624757.246791	1919441.029528
200708M-RR-355	10068	624766.133065	1919463.650274
200708M-RR-356	10167	624752.283171	1919417.545179
200708M-RR-357	10166	624747.390920	1919394.042292
200708M-RR-358	10165	624742.404630	1919370.557169
200708M-RR-359	10067	624737.570017	1919347.072557
200708M-RR-360	10215	624741.244006	1919326.053516
200708M-RR-361	10214	624745.045687	1919305.046231
200708M-RR-362	10213	624748.900385	1919284.064663
200708M-RR-363	10212	624752.616017	1919263.029029
200708M-RR-364	10211	624756.352493	1919241.994099
200708M-RR-365	10210	624760.195637	1919221.027552
200708M-RR-366	10209	624763.948845	1919199.999709
200708M-RR-367	**10089**	**624767.784315**	**1919179.050172**
200708M-RR-368	10208	624787.082813	1919164.232091
200708M-RR-369	10207	624806.428833	1919149.464728
200708M-RR-370	10206	624825.776406	1919134.687804
200708M-RR-371	10088	624848.133594	1919119.924052
200708M-RR-372	10205	624865.067728	1919121.821004
200708M-RR-373	10204	624885.024508	1919123.788724
200708M-RR-374	10203	624904.970761	1919125.774868
200708M-RR-375	10202	624924.887939	1919127.566122
200708M-RR-376	10201	624944.820265	1919129.446897
200708M-RR-377	10200	624964.754652	1919131.369901
200708M-RR-378	10084	624984.697169	1919133.250733
200708M-RR-379	10199	625000.812274	1919146.270307
200708M-RR-380	10198	625016.932044	1919159.260811
200708M-RR-381	10197	625033.035468	1919172.300283
200708M-RR-382	10083	625049.171221	1919185.264787
200708M-RR-383	**10196**	**625061.013272**	**1919201.375985**
200708M-RR-384	10195	625072.743209	1919217.618322
200708M-RR-385	10194	625084.583934	1919233.724525
200708M-RR-386	10193	625096.456449	1919249.811032
200708M-RR-387	10192	625108.254114	1919265.954168
200708M-RR-388	10191	625120.094441	1919282.076225
200708M-RR-389	10190	625131.947766	1919298.193572
200708M-RR-390	10078	625143.710086	1919314.340585
200708M-RR-391	10189	625134.634465	1919335.108386
200708M-RR-392	10188	625125.533290	1919355.890324

Survey Coordinate Summary - Pond Perimeter Grid PRRWP Residual Risk Evaluation - May 2009			
Sample No. (McTech May 2009)	**Design Point (McTech May 2009)**	**N Coordinates**	**E Coordinates**
200708M-RR-393	393	625109.3613	1919212.5022
200708M-RR-394	394	625113.4611	1919238.0286
200708M-RR-395	395	625109.5978	1919261.7639
200708M-RR-396	396	625110.5647	1919286.2415
200708M-RR-397	397	625110.6471	1919311.4207
200708M-RR-398	398	625110.2735	1919338.3545
200708M-RR-399	399	625110.4875	1919363.8940
200708M-RR-400	400	625110.4882	1919387.5587
200708M-RR-401	401	625110.8155	1919413.1539
200708M-RR-402	402	625110.9476	1919437.8121
200708M-RR-403	403	625110.6666	1919463.6935
200708M-RR-404	404	625159.4525	1919473.5440
200708M-RR-405	405	625159.5302	1919447.8688
200708M-RR-406	406	625159.4147	1919423.7070
200708M-RR-407	407	625159.5217	1919399.2794
200708M-RR-408	408	625159.0277	1919372.8940
200708M-RR-409	409	625158.3398	1919349.5814
200708M-RR-410	410	625158.0901	1919322.2070
200708M-RR-411	411	625158.1511	1919296.7366
200708M-RR-412	412	625158.5388	1919272.7629
200708M-RR-413	413	625158.0672	1919246.4862
200708M-RR-414	414	625157.7815	1919224.2848
200708M-RR-415	415	625207.1079	1919236.7049
200708M-RR-416	416	625206.8567	1919261.7865
200708M-RR-417	417	625201.9718	1919285.0575
200708M-RR-418	418	625207.6112	1919313.5105
200708M-RR-419	419	625208.3837	1919340.1555
200708M-RR-420	420	625207.4238	1919363.3981
200708M-RR-421	421	625207.9580	1919387.0439
200708M-RR-422	422	625208.0987	1919412.2218
200708M-RR-423	423	625208.6516	1919437.1838
200708M-RR-424	424	625209.6275	1919461.7054
200708M-RR-425	425	625211.2165	1919486.5722
200708M-RR-426	426	624726.0592	1919472.1444
200708M-RR-427	427	624724.6738	1919447.3834
200708M-RR-428	428	624724.2250	1919422.4384
200708M-RR-429	429	624722.8164	1919397.4639
200708M-RR-430	430	624722.7255	1919373.0828
200708M-RR-431	431	624721.5604	1919348.3903
200708M-RR-432	432	624720.9912	1919323.8329
200708M-RR-433	433	624720.7327	1919297.5878
200708M-RR-434	434	624720.1582	1919273.8793
200708M-RR-435	435	624719.5292	1919249.4188
200708M-RR-436	436	624719.3483	1919223.8557
200708M-RR-437	437	624717.9214	1919199.0116
200708M-RR-438	438	624718.1001	1919178.2211
200708M-RR-439	439	624667.7664	1919177.7254
200708M-RR-440	440	624670.1512	1919215.7120
200708M-RR-441	441	624674.2754	1919240.1658
200708M-RR-442	442	624677.0558	1919265.2604
200708M-RR-443	443	624678.5317	1919289.2688

Survey Coordinate Summary - Pond Perimeter Grid PRRWP Residual Risk Evaluation - May 2009			
Sample No. (McTech May 2009)	**Design Point (McTech May 2009)**	**N Coordinates**	**E Coordinates**
200708M-RR-444	444	624679.7702	1919312.2593
200708M-RR-445	445	624682.0514	1919332.7753
200708M-RR-446	446	624685.9857	1919358.9185
200708M-RR-447	447	624689.2108	1919383.3404
200708M-RR-448	448	624695.1868	1919432.8195
200708M-RR-449	449	624663.0623	1919394.1985
200708M-RR-450	450	624658.0443	1919360.1123
200708M-RR-451	451	624654.2921	1919330.3444
200708M-RR-452	452	624652.4879	1919307.0689
200708M-RR-453	453	624650.7040	1919283.1596
200708M-RR-454	454	624651.3281	1919258.2971
200708M-RR-455	455	624617.8605	1919177.6057
200708M-RR-456	456	624625.4988	1919254.2429
200708M-RR-457	457	624626.6161	1919278.2729
200708M-RR-458	458	624628.3135	1919303.0897
200708M-RR-459	459	624629.3370	1919327.6982
200708M-RR-460	460	624633.3206	1919354.0905
200708M-RR-461	461	624601.3169	1919315.8484
200708M-RR-462	462	624566.8295	1919280.5829
200708M-RR-463	463	624597.6609	1919268.1976

Survey Coordinate Summary - WTI 2006 PRRWP Residual Risk Sample Identification - May 2009				
Original Sample Locations w/corresponding McTech Design Point				
Sample No. (WTI May 2006)	**Design Point** (WTI May 2006)	**Design Point** (McTech May 2009)	**N Coordinates**	**E Coordinates**
5536-001	**NA**	Points of original excavation		
5536-004	**1493**		**624900.423**	**1919297.835**
5536-005	**1494**		**624901.000**	**191318.582**
5536-006	**1495**		**624878.440**	**1919322.751**
5536-007	**1492**		**624875.541**	**1919300.040**
5879-166	1480	101	624840.616	1919399.989
5879-165	1481	102	624843.822	1919415.224
5879-167	1482	103	624851.081	1919433.833
5879-163	1483	104	624865.336	1919446.737
5879-164	1484	105	624885.756	1919446.365
5879-175	1485	106	624908.234	1919457.797
5879-174	1486	107	624914.248	1919438.502
5879-173	1450	108	624921.009	1919417.880
5879-232	1451	109	624936.228	1919404.613
5879-233	1452	110	624954.785	1919392.009
5879-234	1453	111	624968.016	1919382.433
5879-193	1454	112	624987.831	1919370.668
5879-194	1455	113	625005.739	1919371.072
5879-236	1456	114	625022.913	1919365.599
5879-237	1457	115	625032.687	1919343.367
5879-197	1458	116	625015.761	1919330.628
5879-196	1459	117	625001.025	1919317.264
5879-168	1460	118	624976.368	1919322.310
5879-176	1461	119	624964.661	1919309.803
5879-189	1462	120	624978.151	1919292.416
5879-187	1463	121	624976.207	1919272.067
5879-235	1464	122	624968.847	1919255.257
5879-238	1465	123	624968.847	1919255.257
5879-191	1466	124	624949.901	1919220.864
5879-190	1467	125	624931.302	1919219.417
5879-182	1468	126	624911.562	1919224.843
5879-186	1469	127	624893.125	1919215.433
5879-185	1470	128	624871.353	1919213.176
5879-183	1471	129	624855.583	1919225.197
5879-188	1472	130	624854.454	1919248.300
5879-192	1473	131	624856.331	1919267.949
5879-180	1474	132	624858.651	1919291.315
5879-156	1475	133	624855.985	1919313.246
5879-158	1476	134	624854.361	1919332.934
5879-159	1477	135	624853.922	1919353.973
5879-160	1478	136	624858.070	1919372.521
5879-161	1479	137	624862.255	1919390.454

NOTE: Mountain State Surveyors staked the original coordinates using the coordinates established in 2006 (WTI). The 30', 60' and 90' diameters were measured from the boundary of the original excavation.

APPENDIX C
LABORATORY SUMMARY
LABORATORY REPORTS

Summary of Laboratory Results - 30' Perimeter

PRRWP Residual Risk Sample Identification - May 2009

Sample ID	Sample Results, mg/kg													
McTech May 2009	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Amino-4,6-Dinitrotoluene	4-Amino-2,6-Dinitrotoluene	HMX	Nitrobenzene	RDX	Tetryl	m-Nitrotoluene	o-Nitrotoluene	p-Nitrotoluene
200708M-RR-239	9100	3400	BQL	7400	1200	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-240	5900	BQL	BQL	7600	1100	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-241	20000	5900	560	22000	3000	BQL	BQL	5600	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-242	27000	4700	280	15000	2000	BQL	BQL	5600	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-243	BQL	440	BQL	1900	220	270	380	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-244	15000	BQL	380	14000	2000	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-245	340	310	BQL	1300	160	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-246	700	430	26000	480	96	6400	2900	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-247	140	BQL	230	58	BQL	260	300	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-247.5	BQL	31	38	42	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-248	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-249	BQL	BQL	77	BQL	BQL	32	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-250	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-251	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-252	600	64	170	94	BQL	120	240	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-253	660	BQL	BQL	150	89	160	240	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-254	1200	77	BQL	1400	280	260	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-255	560	530	BQL	1500	240	170	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-256	1800	50	BQL	43	BQL	99	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-257	1700	460	63	420	BQL	380	480	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-258	1400	130	BQL	310	110	200	220	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-259	400	79	BQL	82	BQL	83	100	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-260	620	BQL	BQL	50	BQL	59	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-261	420	BQL	BQL	270	71	81	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-262	530	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-263	82	BQL	BQL	79	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-264	200	BQL	BQL	85	BQL	160	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-265	400	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-266	2.5	0.46	BQL	1.5	BQL	BQL	BQL	0.81	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-267	7.7	2.1	BQL	2.7	0.21	0.03	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-268	12	3.3	BQL	5.7	0.44	BQL	BQL	0.72	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-269	14	4.5	0.27	8.5	1.1	BQL	BQL	1.9	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-270	10	2.0	BQL	4.0	0.48	0.42	BQL	0.45	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-271	17	3.6	BQL	8.2	1.2	0.56	BQL	1.1	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-272	7.7	2	BQL	4.7	0.46	BQL	BQL	1.2	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-273	1.3	0.88	BQL	2.1	0.3	BQL	BQL	0.14	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-274	0.88	0.41	BQL	1.3	0.26	0.27	0.25	0.12	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-275	2.2	BQL	BQL	9.8	1.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-276	12	5.4	BQL	14	1.9	2.3	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-277	1.2	BQL	1.5	1.5	0.26	0.68	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-278	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-279	16	BQL	BQL	7.8	0.52	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL

Summary of Laboratory Results - 60' Perimeter														
PRRWP Residual Risk Sample Identification - May 2009														
Sample ID	Sample Results, mg/kg													
McTech May 2009	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Amino-4,6-Dinitrotoluene	4-Amino-2,6-Dinitrotoluene	HMX	Nitrobenzene	RDX	Tetryl	m-Nitrotoluene	o-Nitrotoluene	p-Nitrotoluene
200708M-RR-286	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-296	0.21	BQL	0.76	0.32	0.32	0.45	0.66	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-312	2.2	0.026	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL

Summary of Laboratory Results - 90' Perimeter

PRRWP Residual Risk Sample Identification - May 2009

Sample ID	Sample Results, mg/kg													
McTech May 2009	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Amino-4,6-Dinitrotoluene	4-Amino-2,6-Dinitrotoluene	HMX	Nitrobenzene	RDX	Tetryl	m-Nitrotoluene	o-Nitrotoluene	p-Nitrotoluene
200708M-RR-337	3.2	1.2	10	1.6	0.46	1.1	1.2	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-353	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-367	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-383	1.5	0.42	0.14	1.6	0.21	0.30	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL

Summary of Laboratory Results - Pond Perimeter Grid
PRRWP Residual Risk Sample Identification - May 2009

Sample ID	Sample Results, mg/kg													
McTech May 2009	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Amino-4,6-Dinitrotoluene	4-Amino-2,6-Dinitrotoluene	HMX	Nitrobenzene	RDX	Tetryl	m-Nitrotoluene	o-Nitrotoluene	p-Nitrotoluene
200708M-RR-393	1.4	0.51	BQL	0.37	BQL	0.084	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-394	7.0	1.2	BQL	5.4	0.56	0.38	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-395	3.6	0.58	BQL	2.9	0.28	0.36	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-396	7.8	2.4	0.26	5.5	0.6	0.77	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-397	5.6	1.6	0.52	5.8	0.75	0.76	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-398	7.0	BQL	4.5	19	2.4	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-399	3.2	2.2	BQL	4.1	0.58	0.37	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-400	0.39	BQL	BQL	2.1	0.23	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-401	18	5.4	BQL	17	1.9	1.6	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-402	9.9	3.4	BQL	9.6	1.2	0.74	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-403	0.099	0.058	BQL	0.8	BQL	0.098	0.11	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-404	2.2	1.4	BQL	2.6	0.33	0.39	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-405	28	12	0.1	33	3.6	2.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-406	18	7.6	BQL	18	1.8	0.98	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-407	0.39	0.29	0.074	0.88	BQL	0.21	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-408	2.3	1.3	BQL	2.8	0.39	0.38	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-409	0.92	0.62	0.1	1.5	0.19	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-410	8.3	3.6	BQL	8.7	0.89	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-411	9.8	3.6	BQL	6	0.8	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-412	9.1	3.3	BQL	5.7	0.67	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-413	12	4.9	BQL	5.7	0.95	1.1	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-414	1.8	0.46	BQL	1.3	0.23	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-415	3.2	1.0	BQL	4	0.61	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-416	19	BQL	BQL	16	2.6	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-417	7.2	3.0	BQL	7.5	1.1	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-418	22	7.8	BQL	19	3.1	2.0	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-419	3.9	2.4	BQL	4.6	0.85	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-420	10	4.1	BQL	10	1.4	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-421	10	3.7	BQL	9.7	1.2	BQL	BQL	BQL	BQL	BQL	BQL	0.20	BQL	BQL
200708M-RR-422	14	6	0.054	16	2.5	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-423	31	15	0.13	27	3.4	1.9	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-424	1.5	0.77	0.04	2.9	0.46	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-425	2.4	0.44	BQL	1.8	0.36	0.19	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-426	BQL	0.086	0.71	0.21	0.036	0.23	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-427	BQL	0.011	0.31	0.12	0.031	0.25	0.22	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-428	0.32	0.033	0.16	0.14	0.038	0.25	0.31	BQL	BQL	BQL	BQL	BQL	BQL	BQL

Summary of Laboratory Results - Pond Perimeter Grid
PRRWP Residual Risk Sample Identification - May 2009

Sample ID	Sample Results, mg/kg													
McTech May 2009	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Amino-4,6-Dinitrotoluene	4-Amino-2,6-Dinitrotoluene	HMX	Nitrobenzene	RDX	Tetryl	m-Nitrotoluene	o-Nitrotoluene	p-Nitrotoluene
200708M-RR-429	0.86	BQL	BQL	0.062	BQL	39	0.088	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-430	4.5	2.2	BQL	8.9	1.3	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-431	1.9	BQL	BQL	4.1	0.66	0.49	BQL	BQL	BQL	BQL	BQL	0.081	BQL	BQL
200708M-RR-432	0.067	BQL	BQL	0.16	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-433	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-434	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-435	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-436	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-437	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-438	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-439	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-440	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-441	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-442	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-443	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-444	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-445	BQL	BQL	BQL	0.052	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-446	6.7	BQL	BQL	1.3	0.26	0.4	BQL	BQL	0.057	BQL	BQL	BQL	BQL	BQL
200708M-RR-447	0.3	BQL	BQL	BQL	BQL	0.063	0.082	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-448	0.078	0.019	0.49	0.067	BQL	0.046	0.46	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-449	BQL	0.036	BQL	0.16	BQL	0.038	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-450	0.071	BQL	BQL	0.11	BQL	0.075	0.12	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-451	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-452	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-453	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-454	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-455	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-456	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-457	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-458	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-459	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-460	BQL	BQL	BQL	BQL	BQL	BQL	0.060	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-461	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-462	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
200708M-RR-463	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL

Analytical Report For 905118

for

McTech Corp.

Project Manager: Kim Chambers

Project Name: Plum Brook

GPL

Laboratories

GPL Laboratories, LLLP certifies that the test results meet all requirements of the NELAC Standards unless otherwise noted.

Reviewed By,
Project Manager

Approved By,
Laboratory Director

The Case Narrative, Chain of Custody, Sample Receipt Checklist, and the cover page of the Sample Analysis Report, are integral parts of GPL Laboratories' report package. If you did not receive all of these documents, please contact GPL immediately.

Sample Receipt

Twelve soil samples were received on 05/15/2009. The samples were delivered by Federal Express. Sample receipt conditions and temperatures are documented on the Sample Receipt checklist.

Sample Analysis

Samples were prepared and analyzed by GPL using the analytical methodologies indicated on the Sample Analysis Summary Report. In some chromatographic analyses, manual integration is used instead of automated integration because it produces more accurate results. All manual integrations are denoted on the sample quantitation report. Analysis results and limits for soil are reported on a dry weight basis unless otherwise specified on the report.

Explosives/Propellants

Twelve soil samples were extracted and analyzed for explosive compounds by SW846 method 8330.

All extraction and analysis holding times were met.

The surrogate recovery for three samples were out of the QC limits. The surrogate recovery for diluted samples could not be calculated correctly due to dilution factor. All other surrogate recoveries were within the QC limits.

Samples 200708M.RR.242 and 200708M.RR.246 were each diluted at 1:2 to bring the concentration within the QC limits.

A. ,nples were reanalyzed on a second different column for confirmation.

The matrix spike and matrix spike duplicate analyses were performed on sample 200708M.RR.239. Due to matrix interference, three spike recoveries, out of 28, and one RPD, out of 14, were outside the QC limits. All other recoveries and RPD's were within the QC limits.

A laboratory control sample was extracted and analyzed along with this batch. All recoveries were within the QC limits.

Manual integration was performed on some data files, when automatic integration provided by the software was inappropriate.

Reviewed By,
Project Manager

Approved By,
Laboratory Director

Sample Summary Report

McTech Corp.

Work Order: 905118

Client Sample ID	Lab Sample ID	Analytical Method	Matrix	Date Sampled	Date Recieved
200708M.RR.239	905118-001-001-1/1	SW8330	SOIL	05/12/2009	05/15/2009
200708M.RR.240	905118-002-002-1/1	SW8330	SOIL	05/12/2009	05/15/2009
200708M.RR.241	905118-003-003-1/1	SW8330	SOIL	05/12/2009	05/15/2009
200708M.RR.242	905118-004-004-1/1	SW8330	SOIL	05/12/2009	05/15/2009
200708M.RR.242DL	905118-004-004-1/1DL	SW8330	SOIL	05/12/2009	05/15/2009
200708M.RR.243	905118-005-005-1/1	SW8330	SOIL	05/12/2009	05/15/2009
200708M.RR.244	905118-006-006-1/1	SW8330	SOIL	05/12/2009	05/15/2009
200708M.RR.245	905118-007-007-1/1	SW8330	SOIL	05/12/2009	05/15/2009
200708M.RR.246	905118-008-008-1/1	SW8330	SOIL	05/12/2009	05/15/2009
200708M.RR.246DL	905118-008-008-1/1DL	SW8330	SOIL	05/12/2009	05/15/2009
20 3M.RR.247	905118-009-009-1/1	SW8330	SOIL	05/12/2009	05/15/2009
200708M.RR.247.5	905118-010-010-1/1	SW8330	SOIL	05/12/2009	05/15/2009
200708M.RR.248	905118-011-011-1/1	SW8330	SOIL	05/12/2009	05/15/2009
200708M.RR.249	905118-012-012-1/1	SW8330	SOIL	05/12/2009	05/15/2009

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M.RR.239	Lab Sample ID:	905118-001-001-1/1
Sample Date/Time:	05/12/2009 07:45	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:58	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**9100**		**99**	**1**	**ug/kg**	**05/21/09**	**02:06**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**3400**		**99**	**1**	**ug/kg**	**05/21/09**	**02:06**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	99	1	ug/kg	05/21/09	02:06
4)	**2,4-Dinitrotoluene**	**121-14-2**	**7400**		**99**	**1**	**ug/kg**	**05/21/09**	**02:06**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**1200**		**99**	**1**	**ug/kg**	**05/21/09**	**02:06**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	99	1	ug/kg	05/21/09	02:06
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	99	1	ug/kg	05/21/09	02:06
8)	HMX	2691-41-0	BQL	U	200	1	ug/kg	05/21/09	02:06
9)	Nitrobenzene	98-95-3	BQL	U	99	1	ug/kg	05/21/09	02:06
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/21/09	02:06
11)	Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/21/09	02:06
12)	Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/21/09	02:06
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/21/09	02:06
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/21/09	02:06

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	92 %	30 - 130	1	05/21/09	02:06

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl Sample ID:	200708M.RR.240	Lab Sample ID:	905118-002-002-1/1
Sample Date/Time:	05/12/2009 07:55	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:58	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**5900**		**100**	**1**	**ug/kg**	**05/21/09**	**02:28**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	100	1	ug/kg	05/21/09	02:28
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	100	1	ug/kg	05/21/09	02:28
4)	**2,4-Dinitrotoluene**	**121-14-2**	**7600**		**100**	**1**	**ug/kg**	**05/21/09**	**02:28**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**1100**		**100**	**1**	**ug/kg**	**05/21/09**	**02:28**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	100	1	ug/kg	05/21/09	02:28
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	100	1	ug/kg	05/21/09	02:28
8)	HMX	2691-41-0	BQL	U	200	1	ug/kg	05/21/09	02:28
9)	Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/21/09	02:28
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/21/09	02:28
11)	Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/21/09	02:28
12)	Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/21/09	02:28
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/21/09	02:28
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/21/09	02:28

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	113 %	30 - 130	1	05/21/09	02:28

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl Sample ID:	200708M.RR.241	Lab Sample ID:	905118-003-003-1/1
Sample Date/Time:	05/12/2009 08:00	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:58	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**20000**		**100**	**1**	**ug/kg**	**05/21/09**	**02:51**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**5900**		**100**	**1**	**ug/kg**	**05/21/09**	**02:51**
3)	**2,4,6-Trinitrotoluene**	**118-96-7**	**560**		**100**	**1**	**ug/kg**	**05/21/09**	**02:51**
4)	**2,4-Dinitrotoluene**	**121-14-2**	**22000**		**100**	**1**	**ug/kg**	**05/21/09**	**02:51**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**3000**		**100**	**1**	**ug/kg**	**05/21/09**	**02:51**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	100	1	ug/kg	05/21/09	02:51
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	100	1	ug/kg	05/21/09	02:51
8)	**HMX**	**2691-41-0**	**5600**		**200**	**1**	**ug/kg**	**05/21/09**	**02:51**
9)	Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/21/09	02:51
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/21/09	02:51
11)	Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/21/09	02:51
12,	Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/21/09	02:51
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/21/09	02:51
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/21/09	02:51

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	124 %	30 - 130	1	05/21/09	02:51

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl Sample ID:	200708M.RR.242	Lab Sample ID:	905118-004-004-1/1
Sample Date/Time:	05/12/2009 08:20	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:58	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**27000**	E	**100**	**1**	**ug/kg**	**05/21/09**	**03:14**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**4700**		**100**	**1**	**ug/kg**	**05/21/09**	**03:14**
3)	**2,4,6-Trinitrotoluene**	**118-96-7**	**280**		**100**	**1**	**ug/kg**	**05/21/09**	**03:14**
4)	**2,4-Dinitrotoluene**	**121-14-2**	**15000**		**100**	**1**	**ug/kg**	**05/21/09**	**03:14**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**2000**		**100**	**1**	**ug/kg**	**05/21/09**	**03:14**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	100	1	ug/kg	05/21/09	03:14
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	100	1	ug/kg	05/21/09	03:14
8)	**HMX**	**2691-41-0**	**5600**		**200**	**1**	**ug/kg**	**05/21/09**	**03:14**
9)	Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/21/09	03:14
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/21/09	03:14
11)	Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/21/09	03:14
12)	Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/21/09	03:14
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/21/09	03:14
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/21/09	03:14

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	115 %	30 - 130	1	05/21/09	03:14

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M.RR.242DL	Lab Sample ID:	905118-004-004-1/1DL
Sample Date/Time:	05/12/2009 09:50	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:58	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**27000**		**200**	**2**	**ug/kg**	**05/22/09**	**09:34**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	200	2	ug/kg	05/22/09	09:34
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	200	2	ug/kg	05/22/09	09:34
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	200	2	ug/kg	05/22/09	09:34
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	200	2	ug/kg	05/22/09	09:34
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	200	2	ug/kg	05/22/09	09:34
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	200	2	ug/kg	05/22/09	09:34
8)	HMX	2691-41-0	BQL	U	400	2	ug/kg	05/22/09	09:34
9)	Nitrobenzene	98-95-3	BQL	U	200	2	ug/kg	05/22/09	09:34
10)	RDX	121-82-4	BQL	U	400	2	ug/kg	05/22/09	09:34
11)	Tetryl	479-45-8	BQL	U	400	2	ug/kg	05/22/09	09:34
12)	Nitrotoluene	99-08-1	BQL	U	400	2	ug/kg	05/22/09	09:34
13)	o-Nitrotoluene	88-72-2	BQL	U	400	2	ug/kg	05/22/09	09:34
14)	p-Nitrotoluene	99-99-0	BQL	U	400	2	ug/kg	05/22/09	09:34

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	**4-Nitroaniline**	**100-01-6**	**0 %**	**30 - 130**	**2**	**05/22/09**	**09:34**

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M.RR.243	Lab Sample ID:	905118-005-005-1/1
Sample Date/Time:	05/12/2009 09:15	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:58	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	100	1	ug/kg	05/21/09	03:36
2)	**1,3-Dinitrobenzene**	**99-65-0**	**440**		**100**	**1**	**ug/kg**	**05/21/09**	**03:36**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	100	1	ug/kg	05/21/09	03:36
4)	**2,4-Dinitrotoluene**	**121-14-2**	**1900**		**100**	**1**	**ug/kg**	**05/21/09**	**03:36**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**220**		**100**	**1**	**ug/kg**	**05/21/09**	**03:36**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**270**		**100**	**1**	**ug/kg**	**05/21/09**	**03:36**
7)	**4-Amino-2,6-Dinitrotoluene**	**19406-51-0**	**380**		**100**	**1**	**ug/kg**	**05/21/09**	**03:36**
8)	HMX	2691-41-0	BQL	U	200	1	ug/kg	05/21/09	03:36
9)	Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/21/09	03:36
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/21/09	03:36
11)	Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/21/09	03:36
12)	Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/21/09	03:36
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/21/09	03:36
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/21/09	03:36

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	106 %	30 - 130	1	05/21/09	03:36

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl Sample ID:	200708M.RR.244	Lab Sample ID:	905118-006-006-1/1
Sample Date/Time:	05/12/2009 09:30	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:58	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**15000**		**100**	**1**	**ug/kg**	**05/21/09**	**03:59**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	100	1	ug/kg	05/21/09	03:59
3)	**2,4,6-Trinitrotoluene**	**118-96-7**	**380**		**100**	**1**	**ug/kg**	**05/21/09**	**03:59**
4)	**2,4-Dinitrotoluene**	**121-14-2**	**14000**		**100**	**1**	**ug/kg**	**05/21/09**	**03:59**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**2000**		**100**	**1**	**ug/kg**	**05/21/09**	**03:59**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	100	1	ug/kg	05/21/09	03:59
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	100	1	ug/kg	05/21/09	03:59
8)	HMX	2691-41-0	BQL	U	200	1	ug/kg	05/21/09	03:59
9)	Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/21/09	03:59
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/21/09	03:59
11)	Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/21/09	03:59
12)	...-Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/21/09	03:59
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/21/09	03:59
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/21/09	03:59

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	**4-Nitroaniline**	**100-01-6**	**156 %**	**30 - 130**	**1**	**05/21/09**	**03:59**

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl Sample ID:	200708M.RR.245	Lab Sample ID:	905118-007-007-1/1
Sample Date/Time:	05/12/2009 09:40	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:58	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**340**		**99**	**1**	**ug/kg**	**05/21/09**	**04:44**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**310**		**99**	**1**	**ug/kg**	**05/21/09**	**04:44**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	99	1	ug/kg	05/21/09	04:44
4)	**2,4-Dinitrotoluene**	**121-14-2**	**1300**		**99**	**1**	**ug/kg**	**05/21/09**	**04:44**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**160**		**99**	**1**	**ug/kg**	**05/21/09**	**04:44**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	99	1	ug/kg	05/21/09	04:44
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	99	1	ug/kg	05/21/09	04:44
8)	HMX	2691-41-0	BQL	U	200	1	ug/kg	05/21/09	04:44
9)	Nitrobenzene	98-95-3	BQL	U	99	1	ug/kg	05/21/09	04:44
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/21/09	04:44
11)	Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/21/09	04:44
12)	...-Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/21/09	04:44
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/21/09	04:44
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/21/09	04:44

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	98 %	30 - 130	1	05/21/09	04:44

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl[illegible] Sample ID:	200708M.RR.246	Lab Sample ID:	905118-008-008-1/1
Sample Date/Time:	05/12/2009 09:50	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:58	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**700**		**100**	**1**	**ug/kg**	**05/21/09**	**05:07**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**430**		**100**	**1**	**ug/kg**	**05/21/09**	**05:07**
3)	**2,4,6-Trinitrotoluene**	**118-96-7**	**26000**	**E**	**100**	**1**	**ug/kg**	**05/21/09**	**05:07**
4)	**2,4-Dinitrotoluene**	**121-14-2**	**480**		**100**	**1**	**ug/kg**	**05/21/09**	**05:07**
5)	2,6-Dinitrotoluene	606-20-2	96	J	100	1	ug/kg	05/21/09	05:07
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**6400**		**100**	**1**	**ug/kg**	**05/21/09**	**05:07**
7)	**4-Amino-2,6-Dinitrotoluene**	**19406-51-0**	**2900**		**100**	**1**	**ug/kg**	**05/21/09**	**05:07**
8)	HMX	2691-41-0	BQL	U	200	1	ug/kg	05/21/09	05:07
9)	Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/21/09	05:07
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/21/09	05:07
11)	Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/21/09	05:07
12)	[illegible]-Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/21/09	05:07
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/21/09	05:07
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/21/09	05:07

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	93 %	30 - 130	1	05/21/09	05:07

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M.RR.246DL	Lab Sample ID:	905118-008-008-1/1DL
Sample Date/Time:	05/12/2009 09:50	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:58	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	200	2	ug/kg	05/22/09	09:56
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	200	2	ug/kg	05/22/09	09:56
3)	**2,4,6-Trinitrotoluene**	**118-96-7**	**26000**		**200**	**2**	**ug/kg**	**05/22/09**	**09:56**
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	200	2	ug/kg	05/22/09	09:56
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	200	2	ug/kg	05/22/09	09:56
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	200	2	ug/kg	05/22/09	09:56
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	200	2	ug/kg	05/22/09	09:56
8)	HMX	2691-41-0	BQL	U	400	2	ug/kg	05/22/09	09:56
9)	Nitrobenzene	98-95-3	BQL	U	200	2	ug/kg	05/22/09	09:56
10)	RDX	121-82-4	BQL	U	400	2	ug/kg	05/22/09	09:56
11)	Tetryl	479-45-8	BQL	U	400	2	ug/kg	05/22/09	09:56
12)	m-Nitrotoluene	99-08-1	BQL	U	400	2	ug/kg	05/22/09	09:56
13)	o-Nitrotoluene	88-72-2	BQL	U	400	2	ug/kg	05/22/09	09:56
14)	p-Nitrotoluene	99-99-0	BQL	U	400	2	ug/kg	05/22/09	09:56

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	**4-Nitroaniline**	**100-01-6**	**0 %**	**30 - 130**	**2**	**05/22/09**	**09:56**

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl. Sample ID:	200708M.RR.247	Lab Sample ID:	905118-009-009-1/1
Sample Date/Time:	05/12/2009 09:55	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:58	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**140**		**100**	**1**	**ug/kg**	**05/21/09**	**05:29**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	100	1	ug/kg	05/21/09	05:29
3)	**2,4,6-Trinitrotoluene**	**118-96-7**	**230**		**100**	**1**	**ug/kg**	**05/21/09**	**05:29**
4)	2,4-Dinitrotoluene	121-14-2	58	J	100	1	ug/kg	05/21/09	05:29
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	100	1	ug/kg	05/21/09	05:29
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**260**		**100**	**1**	**ug/kg**	**05/21/09**	**05:29**
7)	**4-Amino-2,6-Dinitrotoluene**	**19406-51-0**	**300**		**100**	**1**	**ug/kg**	**05/21/09**	**05:29**
8)	HMX	2691-41-0	BQL	U	200	1	ug/kg	05/21/09	05:29
9)	Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/21/09	05:29
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/21/09	05:29
11)	Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/21/09	05:29
12)	m-Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/21/09	05:29
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/21/09	05:29
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/21/09	05:29

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	93 %	30 - 130	1	05/21/09	05:29

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M.RR.247.5	Lab Sample ID:	905118-010-010-1/1
Sample Date/Time:	05/12/2009 10:10	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:58	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

# Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,3,5-Trinitrobenzene	99-35-4	BQL	U	100	1	ug/kg	05/21/09	05:52
2) 1,3-Dinitrobenzene	99-65-0	31	J	100	1	ug/kg	05/21/09	05:52
3) 2,4,6-Trinitrotoluene	118-96-7	38	J	100	1	ug/kg	05/21/09	05:52
4) 2,4-Dinitrotoluene	121-14-2	42	J	100	1	ug/kg	05/21/09	05:52
5) 2,6-Dinitrotoluene	606-20-2	BQL	U	100	1	ug/kg	05/21/09	05:52
6) 2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	100	1	ug/kg	05/21/09	05:52
7) 4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	100	1	ug/kg	05/21/09	05:52
8) HMX	2691-41-0	BQL	U	200	1	ug/kg	05/21/09	05:52
9) Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/21/09	05:52
10) RDX	121-82-4	BQL	U	200	1	ug/kg	05/21/09	05:52
11) Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/21/09	05:52
12) m-Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/21/09	05:52
13) o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/21/09	05:52
14) p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/21/09	05:52

# Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	100-01-6	96 %	30 - 130	1	05/21/09	05:52

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl Sample ID:	200708M.RR.248	Lab Sample ID:	905118-011-011-1/1
Sample Date/Time:	05/12/2009 12:00	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:58	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	100	1	ug/kg	05/21/09	06:15
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	100	1	ug/kg	05/21/09	06:15
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	100	1	ug/kg	05/21/09	06:15
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	100	1	ug/kg	05/21/09	06:15
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	100	1	ug/kg	05/21/09	06:15
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	100	1	ug/kg	05/21/09	06:15
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	100	1	ug/kg	05/21/09	06:15
8)	HMX	2691-41-0	BQL	U	200	1	ug/kg	05/21/09	06:15
9)	Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/21/09	06:15
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/21/09	06:15
11)	Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/21/09	06:15
12)	m-Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/21/09	06:15
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/21/09	06:15
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/21/09	06:15

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	96 %	30 - 130	1	05/21/09	06:15

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl Sample ID:	200708M.RR.249	Lab Sample ID:	905118-012-012-1/1
Sample Date/Time:	05/12/2009 12:15	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:58	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	100	1	ug/kg	05/21/09	06:37
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	100	1	ug/kg	05/21/09	06:37
3)	2,4,6-Trinitrotoluene	118-96-7	77	J	100	1	ug/kg	05/21/09	06:37
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	100	1	ug/kg	05/21/09	06:37
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	100	1	ug/kg	05/21/09	06:37
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	32	J	100	1	ug/kg	05/21/09	06:37
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	100	1	ug/kg	05/21/09	06:37
8)	HMX	2691-41-0	BQL	U	200	1	ug/kg	05/21/09	06:37
9)	Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/21/09	06:37
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/21/09	06:37
11)	Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/21/09	06:37
12)	m-Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/21/09	06:37
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/21/09	06:37
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/21/09	06:37

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	95 %	30 - 130	1	05/21/09	06:37

Qualifier Definitions

McTech Corp.

Work Order: 905118

All Departments

U Indicates that the compound was analyzed for but not detected

BQL Below Quantitation Limit

Organics

B Indicates that the analyte was found in the associated blank as well as in the sample

D Indicates that the analyte was reported from a diluted analysis

E Indicates that the concentration detected exceeded the calibration range of the instrument

J Value is less than the reporting limit but greater than the MDL

P Indicates that there is greater than 25% difference for detected pesticide/Arochlor results between the two GC columns

Metals

I Indicates that the reported value was less than the reporting limit but greater than or equal to the IDL/MDL

E Indicates that the reported value is estimated because of the possible presence of interference (i.e. the serial dilution not within control limits)

H Indicates that the element was found in the associated blank as well as in the sample and the value is greater than or equal to the reporting limit

D Indicates that the analyte was reported from a diluted analysis

N Spiked sample recovery not within control limits

* Duplicate analysis not within control limits

GPL LABORATORIES, LLLP

7210A Corporate Court
Frederick, MD 21703
(301) 694-5310
Fax (301) 620-0731

Contract/Billing Reference

2 of 3 Pgs.

Project: 200708M PRRWP - Residual Risk
Client: McTech Corp.
Send Results To: Kim Chambers
Address: 240 Oliver St., Suite 2
St. Albans, WV 25177
Phone: 304-215-0099

Turnaround Time: Standard
# of Containers: 1 sample
Container Type: G
Preservative Used: 4C
Type of Analysis: Total Metals, Mercury, Cyanide / SPLP

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Total Metals, Mercury, Cyanide / SPLP	Lab Cooler No.	CLIENT COMMENTS
200708M-RR-239	5/12/09	0745	Soil	HO	✓		
200708M-RR-240	5/12/09	0755	"	HO	✓		
200708M-RR-241	5/12/09	0800	"	HO	✓		
200708M-RR-242	5/12/09	0820	"	HO	✓		
200708M-RR-243	5/12/09	0815	"	HO	✓		
200708M-RR-244	5/12/09	0830	"	HO	✓		
200708M-RR-245	5/12/09	0840	"	HO	✓		
200708M-RR-246	5/12/09	0950	"	HO	✓		
200708M-RR-247	5/12/09	0955	"	HO	✓		
200708M-RR-247.5	5/12/09	1010	"	HO	✓		
200708M-RR-248	5/12/09	1200	"	HO	✓		
200708M-RR-249	5/12/09	1215	"	HO	✓		

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				3°

G.P. W.O. 905118

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Company GPL Laboratories, LLP
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City Frederick State MD Zip 21703

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FedEx 2Day
FedEx Express Saver
For Shipments over 150 lbs.

4b Express Freight Service
FedEx 1Day Freight
FedEx 2Day Freight
FedEx 3Day Freight
For Shipments over 150 lbs.

5 Packaging
FedEx Envelope
FedEx Pak
FedEx Box
FedEx Tube
Other

6 Special Handling
SATURDAY Delivery
HOLD at FedEx location
HOLD at FedEx Location
Dangerous Goods
Dry Ice
Cargo Aircraft Only

7 Payment
Sender
Recipient
Third Party
Credit Card
Cash/Check
Total Packages
Total Weight
Total Charges

8 Residential Delivery Signature Options
No Signature Required
Direct Signature
Indirect Signature

519

GPL Laboratories, LLLP

SAMPLE RECEIPT CHECKLIST

W.O. No: 905118

Client Name: McTech

Date Received: 5/15/09

Time Received: 9:15

Received By: WaBe

Carrier Name: Fed Ex

Prepared (Logged In) By: WB / 5/15/09

Project: _____

Site: _____

VOA Holding Blank ID No: _____

	YES	NO		YES	NO
Airbill/Manifest Present?	✓		Trip Blanks Received?		✓
No: 6482846746033			No. of Sets _____		
Shipping Container In Good Condition?	✓		VOA Vials Have Zero Headspace?		✓
Custody Seals Present on Shipping Container?	✓		Preservatives Added to Sample?		✓
Condition: Good ✓ Broken ____			pH Check Required?		✓
Chain of Custody Present?	✓		Performed By: _____		
Chain of Custody Agrees with Sample Labels?	✓		Ice Present in Shipping Container?	✓	
Chain of Custody Signed?	✓				
Packing Present in Shipping Container?	✓		Container # / Temperature		
Type of Packing Bubble wrap			1 / 3°		
Custody Seals on Sample Bottles?	✓				
Condition: Good ✓ Broken ____					
Total Number of Sample Bottles 12	✓				
Total Number of Samples 12	✓				
Samples Intact?	✓		WB		
Sufficient Sample Volume for Indicated Test?	✓		Project Manager Contacted?		
			Name: Pat		
			Date Contacted: 5/15/09		

Any NO response must be detailed in the comments section below. If items are not applicable to particular samples or contracts, they should be marked NA.

COMMENTS: _____

Checklist Completed By: WaBe

Date: 5/15/09

EXPLOSIVES
QC

GPL Laboratories

Surrogate Recovery Summary

Matrix : SOIL Analytical Method : SW8330 SDG No : 905118

Surrogate	NO2ANIL4
Lower QC Limits	30
Upper QC Limits	130
Sample ID	
200708M.RR.239	92
200708M.RR.239MS	252 *
200708M.RR.239MSD	203 *
200708M.RR.240	113
200708M.RR.241	124
200708M.RR.242	115
200708M.RR.242DL	0 *
200708M.RR.243	106
200708M.RR.244	156 *
200708M.RR.245	98
200708M.RR.246	93
200708M.RR.246DL	0 *
200708M.RR.247	93
200708M.RR.247.5	96
200708M.RR.248	96
200708M.RR.249	95
BKS109893	107
BLK109893	100

*Value outside of QC Limts

NO2ANIL4 = 4-Nitroaniline

GPL Laboratories

MS/MSD RECOVERY

SAMPLE NO
200708M.RR.239MSD

Lab Name : GPL Laboratories SDG NO : 905118 Method : SW8330

Lab Code : GPL Lab Sample ID : 905118-001-001-1/1MSD Matrix : SOIL Analysis Date : 05/21/2009

Compound	Spike Added (ug/kg)		CONCENTRATION (ug/kg)			%RECOVERY		% RPD	RPD Limit	QC Limits
	MS	MSD	Sample	MS	MSD	MS	MSD			
1,3,5-Trinitrobenzene	2500	2500	9200	12000	12000	112	112	0	25	65-135
1,3-Dinitrobenzene	2500	2500	3400	5600	5600	88	88	0	25	70-135
2,4,6-Trinitrotoluene	2500	2500	0.0	2500	2400	100	96	4	25	45-145
2,4-Dinitrotoluene	2500	2500	7400	9600	9600	88	88	0	25	75-130
2,6-Dinitrotoluene	2500	2500	1200	3600	3600	96	96	0	25	70-130
2-Amino-4,6-Dinitrotoluene	2500	2500	0.0	2800	2800	112	108	4	25	75-130
4-Amino-2,6-Dinitrotoluene	2500	2500	0.0	4000	3900	160 *	156 *	3	25	75-130
HMX	2500	2500	0.0	760	2900	30 *	116	118 *	25	65-135
Nitrobenzene	2500	2500	0.0	2300	2300	92	92	0	25	70-130
RDX	2500	2500	0.0	2000	1800	80	72	11	25	65-145
Tetryl	2500	2500	0.0	1800	1800	72	72	0	25	10-150
m-Nitrotoluene	2500	2500	0.0	2500	2500	100	100	0	25	70-130
o-Nitrotoluene	2500	2500	0.0	2700	2700	108	108	0	25	70-130
p-Nitrotoluene	2500	2500	0.0	2400	2400	96	92	4	25	70-135

Column to be used to flag recovery and RPD Values with an asterisk.

* Values Outside of QC Limits.

RPD 1 Out of 14 Outside Limit
Spike Recovery : 3 Out of 28 outside limit

GPL Laboratories

LCS SUMMARY

SAMPLE NO
BKS109893

Lab Name : GPL Laboratories
Lab Code : GPL
Matrix : SOIL
Method : SW8330

Contract. : Plum Brook
SDG NO : 905118
Lab Sample ID : BKS109893
Analysis Date : 05/21/2009

COMPOUND	SPIKE ADDED (ug/kg)	BLANK CONCENTRATION (ug/kg)	LCS CONCENTRATION (ug/kg)	LCS % REC	QC LIMTS
1,3,5-Trinitrobenzene	2500	0	2500	100	75-125
1,3-Dinitrobenzene	2500	0	2400	96	80-125
2,4,6-Trinitrotoluene	2500	0	2700	108	55-140
2,4-Dinitrotoluene	2500	0	2400	96	80-125
2,6-Dinitrotoluene	2500	0	2400	96	80-120
2-Amino-4,6-Dinitrotoluene	2500	0	2400	96	80-125
4-Amino-2,6-Dinitrotoluene	2500	0	2400	96	80-125
HMX	2500	0	2600	104	75-125
Nitrobenzene	2500	0	2400	96	75-125
RDX	2500	0	2400	96	70-135
Tetryl	2500	0	2000	80	10-150
m-Nitrotoluene	2500	0	2400	96	75-120
o-Nitrotoluene	2500	0	2400	96	80-125
p-Nitrotoluene	2500	0	2400	96	75-125

* Values Outside of QC Limits.

Spike recovery : 0 out of 14 outside limits

GPL Laboratories

GPL
FORM 4
EXPLOSIVE METHOD BLANK SUMMARY

SAMPLE NO
BLK109893

Lab Name :	GPL Laboratories	Client. :	McTech Corp.
Lab Code :	GPL	SAS NO. :	109893
Lab File ID :	F520_035.D	SDG NO :	905118
Date Analyzed	05/21/2009	Lab Sample ID :	BLK109893
Date Extracted :	05/19/2009	Time Analyzed :	00:35
Matrix :(Soil/Water).	SOIL	Level :(Low/Med)	

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS AND MSD :

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed
BKS109893	BKS109893	F520_036.D	05/21/2009
200708M.RR.239MS	905118-001-001-1/1MS	F520_037.D	05/21/2009
200708M.RR.239MSD	905118-001-001-1/1MSD	F520_038.D	05/21/2009
200708M.RR.239	905118-001-001-1/1	F520_039.D	05/21/2009
200708M.RR.240	905118-002-002-1/1	F520_040.D	05/21/2009
200708M.RR.241	905118-003-003-1/1	F520_041.D	05/21/2009
200708M.RR.242	905118-004-004-1/1	F520_042.D	05/21/2009
200708M.RR.243	905118-005-005-1/1	F520_043.D	05/21/2009
200708M.RR.244	905118-006-006-1/1	F520_044.D	05/21/2009
200708M.RR.245	905118-007-007-1/1	F520_046.D	05/21/2009
200708M.RR.246	905118-008-008-1/1	F520_047.D	05/21/2009
200708M.RR.247	905118-009-009-1/1	F520_048.D	05/21/2009
200708M.RR.247.5	905118-010-010-1/1	F520_049.D	05/21/2009
200708M.RR.248	905118-011-011-1/1	F520_050.D	05/21/2009
200708M.RR.249	905118-012-012-1/1	F520_051.D	05/21/2009
200708M.RR.242DL	905118-004-004-1/1	F522_002.D	05/22/2009
200708M.RR.246DL	905118-008-008-1/1	F522_003.D	05/22/2009

Response Factor Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Mar 24 10:42:59 2009

Calibration Files
LEV1 =LCF01596.D LEV2 =LCF01597.D LEV3 =LCF01598.D
LEV4 =LCF01599.D LEV5 =LCF01600.D LEV6 =LCF01601.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	LEV6	Avg		%RSD
1)	T	HMX	4.069	4.285	4.751	4.286	4.322	4.423	4.356	E3	5.17
2)	S	4-Nitroaniline	4.707	4.867	4.959	4.179	4.588	4.474	4.629	E3	6.11
3)	M	RDX	6.679	5.874	6.330	5.379	5.665	5.428	5.893	E3	8.79
4)	T	1,3,5-Trinitrobenze	1.378	1.321	1.417	1.212	1.265	1.190	1.297	E4	7.01
5)	M	1,3-Dinitrobenzene	1.918	1.839	1.983	1.684	1.769	1.731	1.821	E4	6.28
6)	M	3,5-Dinitroaniline	1.449	1.468	1.642	1.288	1.365	1.323	1.423	E4	9.02
7)	M	Nitrobenzene	1.246	1.112	1.224	1.063	1.062	1.072	1.130	E4	7.39
8)	T	Tetryl	9.031	9.111	9.910	7.720	8.865	8.091	8.788	E3	8.89
9)	T	2,4,6-Trinitrotolue	1.215	1.317	1.399	1.208	1.255	1.196	1.265	E4	6.25
10)	M	2-Amino-4,6-Dinitro	1.184	1.239	1.305	1.095	1.172	1.122	1.186	E4	6.48
11)	T	4-Amino-2,6-Dinitro	7.983	8.683	9.144	7.543	8.221	7.776	8.225	E3	7.25
12)	M	2,4-Dinitrotoluene	1.728	1.742	1.852	1.574	1.652	1.597	1.691	E4	6.13
13)	T	2,6-Dinitrotoluene	9.524	9.403	9.910	8.086	8.843	8.541	9.051	E3	7.53
14)	M	2-Nitrotoluene	7.720	7.684	7.918	6.710	6.876	6.877	7.298	E3	7.29
15)	T	4-Nitrotoluene	6.990	6.217	6.547	5.631	5.711	5.710	6.135	E3	8.99
16)	M	3-Nitrotoluene	8.643	8.232	8.294	7.171	7.269	7.272	7.813	E3	8.29
17)	M	Nitroglycerine	6.976	5.879	6.127	6.126	5.917	5.725	6.125	E4	7.26
18)	M	PETN	1.019	1.044	1.102	0.907	0.980	0.941	0.999	E4	7.12

I # 124264

, = Out of Range ### Number of calibration levels exceeded format ###

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu May 21 11:41:30 2009
Response via : Initial Calibration

Continuing Calibration File: F520_034.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.590	E3	-5.4	107
2	S	4-Nitroaniline	4.629	4.712	E3	-1.8	113
3	M	RDX	5.893	6.138	E3	-4.2	114
4	T	1,3,5-Trinitrobenzene	12.970	13.871	E3	-6.9	114
5	M	1,3-Dinitrobenzene	18.206	19.641	E3	-7.9	117
6	M	3,5-Dinitroaniline	14.225	13.926	E3	2.1	108
7	M	Nitrobenzene	11.299	12.370	E3	-9.5	116
8	T	Tetryl	8.788	9.281	E3	-5.6	120
9	T	2,4,6-Trinitrotoluene	12.651	14.029	E3	-10.9	116
10	M	2-Amino-4,6-Dinitrotoluene	11.860	13.165	E3	-11.0	120
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.325	E3	-1.2	110
12	M	2,4-Dinitrotoluene	16.908	18.408	E3	-8.9	117
13	T	2,6-Dinitrotoluene	9.051	9.535	E3	-5.3	118
14	M	2-Nitrotoluene	7.298	7.901	E3	-8.3	118
15	T	4-Nitrotoluene	6.135	6.612	E3	-7.8	117
16	M	3-Nitrotoluene	7.813	8.384	E3	-7.3	117
17	M	Nitroglycerine	61.253	59.046	E3	3.6	96
18	M	PETN	9.987	10.581	E3	-5.9	117

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu May 21 11:41:48 2009
Response via : Initial Calibration

Continuing Calibration File: F520_045.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.535	E3	-4.1	106
2	S	4-Nitroaniline	4.629	4.554	E3	1.6	109
3	M	RDX	5.893	6.125	E3	-3.9	114
4	T	1,3,5-Trinitrobenzene	12.970	13.879	E3	-7.0	115
5	M	1,3-Dinitrobenzene	18.206	19.757	E3	-8.5	117
6	M	3,5-Dinitroaniline	14.225	14.038	E3	1.3	109
7	M	Nitrobenzene	11.299	12.420	E3	-9.9	117
8	T	Tetryl	8.788	9.301	E3	-5.8	120
9	T	2,4,6-Trinitrotoluene	12.651	13.896	E3	-9.8	115
10	M	2-Amino-4,6-Dinitrotoluene	11.860	12.889	E3	-8.7	118
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.322	E3	-1.2	110
12	M	2,4-Dinitrotoluene	16.908	18.416	E3	-8.9	117
13	T	2,6-Dinitrotoluene	9.051	9.523	E3	-5.2	118
14	M	2-Nitrotoluene	7.298	7.940	E3	-8.8	118
15	T	4-Nitrotoluene	6.135	6.623	E3	-8.0	118
16	M	3-Nitrotoluene	7.813	8.436	E3	-8.0	118
17	M	Nitroglycerine	61.253	59.046	E3	3.6	96
18	M	PETN	9.987	10.409	E3	-4.2	115

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu May 21 11:42:09 2009
Response via : Initial Calibration

Continuing Calibration File: F520_052.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.582	E3	-5.2	107
2	S	4-Nitroaniline	4.629	4.646	E3	-0.4	111
3	M	RDX	5.893	6.145	E3	-4.3	114
4	T	1,3,5-Trinitrobenzene	12.970	13.941	E3	-7.5	115
5	M	1,3-Dinitrobenzene	18.206	19.800	E3	-8.8	118
6	M	3,5-Dinitroaniline	14.225	14.086	E3	1.0	109
7	M	Nitrobenzene	11.299	12.458	E3	-10.3	117
8	T	Tetryl	8.788	9.342	E3	-6.3	121
9	T	2,4,6-Trinitrotoluene	12.651	14.037	E3	-11.0	116
10	M	2-Amino-4,6-Dinitrotoluene	11.860	13.019	E3	-9.8	119
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.398	E3	-2.1	111
12	M	2,4-Dinitrotoluene	16.908	18.484	E3	-9.3	117
13	T	2,6-Dinitrotoluene	9.051	9.643	E3	-6.5	119
14	M	2-Nitrotoluene	7.298	7.960	E3	-9.1	119
15	T	4-Nitrotoluene	6.135	6.638	E3	-8.2	118
16	M	3-Nitrotoluene	7.813	8.458	E3	-8.2	118
17	M	Nitroglycerine	61.253	59.046	E3	3.6	96
18	M	PETN	9.987	10.550	E3	-5.6	116

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F520_052.D 9323P833.M Thu May 21 11:42:14 2009 Page 1

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Fri May 22 10:43:29 2009
Response via : Initial Calibration

Continuing Calibration File: F522_001.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.600	E3	-5.6	107
2	S	4-Nitroaniline	4.629	4.712	E3	-1.8	113
3	M	RDX	5.893	6.228	E3	-5.7	116
4	T	1,3,5-Trinitrobenzene	12.970	13.989	E3	-7.9	115
5	M	1,3-Dinitrobenzene	18.206	19.729	E3	-8.4	117
6	M	3,5-Dinitroaniline	14.225	13.870	E3	2.5	108
7	M	Nitrobenzene	11.299	12.256	E3	-8.5	115
8	T	Tetryl	8.788	9.365	E3	-6.6	121
9	T	2,4,6-Trinitrotoluene	12.651	14.123	E3	-11.6	117
10	M	2-Amino-4,6-Dinitrotoluene	11.860	13.138	E3	-10.8	120
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.460	E3	-2.9	112
12	M	2,4-Dinitrotoluene	16.908	18.384	E3	-8.7	117
13	T	2,6-Dinitrotoluene	9.051	9.656	E3	-6.7	119
14	M	2-Nitrotoluene	7.298	7.833	E3	-7.3	117
15	T	4-Nitrotoluene	6.135	6.478	E3	-5.6	115
16	M	3-Nitrotoluene	7.813	8.318	E3	-6.5	116
17	M	Nitroglycerine	61.253	59.046	E3	3.6	96
18	M	PETN	9.987	10.309	E3	-3.2	114

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Fri May 22 10:43:52 2009
Response via : Initial Calibration

Continuing Calibration File: F522_004.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.618	E3	-6.0	108
2	S	4-Nitroaniline	4.629	4.730	E3	-2.2	113
3	M	RDX	5.893	6.251	E3	-6.1	116
4	T	1,3,5-Trinitrobenzene	12.970	14.058	E3	-8.4	116
5	M	1,3-Dinitrobenzene	18.206	19.793	E3	-8.7	118
6	M	3,5-Dinitroaniline	14.225	13.902	E3	2.3	108
7	M	Nitrobenzene	11.299	12.265	E3	-8.6	115
8	T	Tetryl	8.788	9.400	E3	-7.0	122
9	T	2,4,6-Trinitrotoluene	12.651	14.178	E3	-12.1	117
10	M	2-Amino-4,6-Dinitrotoluene	11.860	13.151	E3	-10.9	120
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.473	E3	-3.0	112
12	M	2,4-Dinitrotoluene	16.908	18.449	E3	-9.1	117
13	T	2,6-Dinitrotoluene	9.051	9.686	E3	-7.0	120
14	M	2-Nitrotoluene	7.298	7.834	E3	-7.4	117
15	T	4-Nitrotoluene	6.135	6.472	E3	-5.5	115
16	M	3-Nitrotoluene	7.813	8.319	E3	-6.5	116
17	M	Nitroglycerine	61.253	59.046	E3	3.6	96
18	M	PETN	9.987	10.366	E3	-3.8	114

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Response Factor Report LCD

Method : H:\LCDATA\LCD\METHODS\9507C883.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Fri May 08 12:49:25 2009

Calibration Files
LEV1 =LCD47799.D LEV2 =LCD47792.D LEV3 =LCD47793.D
LEV4 =LCD47794.D LEV5 =LCD47795.D LEV6 =LCD47796.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	LEV6	Avg		%RSD
1)	T	HMX	5.829	5.311	5.267	5.273	5.325	5.125	5.355	E4	4.53
2)	S	4-Nitroaniline	5.544	7.291	5.357	5.413	5.443	5.203	5.709	E4	13.72
3)	T	1,3,5-Trinitrobenze	1.465	1.545	1.508	1.498	1.504	1.441	1.494	E5	2.43
4)	T	Tetryl	1.071	1.074	1.062	1.036	1.045	0.999	1.048	E5	2.66
5)	T	2,4,6-Trinitrotolue	1.420	1.477	1.431	1.421	1.427	1.372	1.424	E5	2.35
6)	T	4-Amino-2,6-Dinitro	2.365	2.474	2.460	2.448	2.469	2.367	2.431	E5	2.08
7)	T	2,6-Dinitrotoluene	1.022	1.140	1.045	1.021	1.032	0.989	1.041	E5	4.97
8)	T	4-Nitrotoluene	7.575	7.752	7.630	7.644	7.706	7.412	7.620	E4	1.56
9)	M	RDX	6.857	6.949	6.959	6.963	7.046	6.761	6.923	E4	1.43
10)	M	1,3-Dinitrobenzene	2.065	2.180	2.176	2.170	2.185	2.096	2.146	E5	2.40
11)	M	Nitrobenzene	1.371	1.383	1.355	1.368	1.386	1.340	1.367	E5	1.27
12)	M	2-Amino-4,6-Dinitro	2.345	2.474	2.460	2.448	2.469	2.367	2.427	E5	2.32
13)	M	2,4-Dinitrotoluene	2.024	2.015	2.035	2.026	2.041	1.953	2.016	E5	1.60
14)	M	2-Nitrotoluene	8.090	9.049	8.894	8.955	9.034	8.708	8.788	E4	4.14
15)	M	3-Nitrotoluene	9.361	9.707	9.564	9.552	9.676	9.318	9.530	E4	1.68
16)	M	Nitroglycerine	7.177	6.418	7.065	7.013	7.151	7.091	6.986	E5	4.07
17)	M	3,5-Dinitroaniline	1.695	1.667	1.669	1.670	1.672	1.663	1.672	E5	0.68
18)		PETN							0.000	0	-1.00

(#) = Out of Range ### Number of calibration levels exceeded format ###

Continuing Calibration Report LCD

Method : H:\LCDATA\LCD\METHODS\9507C883.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Thu May 21 16:43:33 2009
Response via : Initial Calibration

Continuing Calibration File: LCD47867.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	53.553	54.999	E3	-2.7	104
2	S	4-Nitroaniline	57.087	54.003	E3	5.4	100
3	T	1,3,5-Trinitrobenzene	149.351	157.386	E3	-5.4	105
4	T	Tetryl	104.765	105.697	E3	-0.9	102
5	T	2,4,6-Trinitrotoluene	142.443	144.175	E3	-1.2	101
6	T	4-Amino-2,6-Dinitrotoluene	243.052	244.706	E3	-0.7	100
7	T	2,6-Dinitrotoluene	104.131	97.149	E3	6.7	95
8	T	4-Nitrotoluene	76.197	76.308	E3	-0.1	100
9	M	RDX	69.226	70.963	E3	-2.5	102
10	M	1,3-Dinitrobenzene	214.558	217.935	E3	-1.6	100
11	M	Nitrobenzene	136.709	136.828	E3	-0.1	100
12	M	2-Amino-4,6-Dinitrotoluene	242.717	244.706	E3	-0.8	100
13	M	2,4-Dinitrotoluene	201.560	192.836	E3	4.3	95
14	M	2-Nitrotoluene	87.881	89.171	E3	-1.5	100
15	M	3-Nitrotoluene	95.295	94.084	E3	1.3	98
16	M	Nitroglycerine	698.582	729.568	E3	-4.4	104
17	M	3,5-Dinitroaniline	167.240	167.108	E3	0.1	100
18		PETN	0.000	0.000		0.0	0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LCD47867.D 9507C883.M Thu May 21 16:43:38 2009

Continuing Calibration Report LCD

Method : H:\LCDATA\LCD\METHODS\9507C883.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Thu May 21 16:43:51 2009
Response via : Initial Calibration

Continuing Calibration File: LCD47878.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	53.553	55.103	E3	-2.9	104
2	S	4-Nitroaniline	57.087	54.410	E3	4.7	101
3	T	1,3,5-Trinitrobenzene	149.351	153.723	E3	-2.9	103
4	T	Tetryl	104.765	107.428	E3	-2.5	104
5	T	2,4,6-Trinitrotoluene	142.443	141.912	E3	0.4	100
6	T	4-Amino-2,6-Dinitrotoluene	243.052	243.955	E3	-0.4	100
7	T	2,6-Dinitrotoluene	104.131	103.236	E3	0.9	101
8	T	4-Nitrotoluene	76.197	76.530	E3	-0.4	100
9	M	RDX	69.226	71.413	E3	-3.2	103
10	M	1,3-Dinitrobenzene	214.558	219.567	E3	-2.3	101
11	M	Nitrobenzene	136.709	137.547	E3	-0.6	101
12	M	2-Amino-4,6-Dinitrotoluene	242.717	243.955	E3	-0.5	100
13	M	2,4-Dinitrotoluene	201.560	202.373	E3	-0.4	100
14	M	2-Nitrotoluene	87.881	90.544	E3	-3.0	101
15	M	3-Nitrotoluene	95.295	95.600	E3	-0.3	100
16	M	Nitroglycerine	698.582	729.568	E3	-4.4	104
17	M	3,5-Dinitroaniline	167.240	167.108	E3	0.1	100
18		PETN	0.000	0.000		0.0	0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LCD47878.D 9507C883.M Thu May 21 16:43:56 2009 Page 1

Continuing Calibration Report LCD

Method : H:\LCDATA\LCD\METHODS\9507C883.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Thu May 21 16:44:09 2009
Response via : Initial Calibration

Continuing Calibration File: LCD47887.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	53.553	54.783	E3	-2.3	104
2	S	4-Nitroaniline	57.087	54.420	E3	4.7	101
3	T	1,3,5-Trinitrobenzene	149.351	153.894	E3	-3.0	103
4	T	Tetryl	104.765	106.358	E3	-1.5	103
5	T	2,4,6-Trinitrotoluene	142.443	143.736	E3	-0.9	101
6	T	4-Amino-2,6-Dinitrotoluene	243.052	242.222	E3	0.3	99
7	T	2,6-Dinitrotoluene	104.131	103.514	E3	0.6	101
8	T	4-Nitrotoluene	76.197	76.630	E3	-0.6	100
9	M	RDX	69.226	71.660	E3	-3.5	103
10	M	1,3-Dinitrobenzene	214.558	220.468	E3	-2.8	102
11	M	Nitrobenzene	136.709	137.680	E3	-0.7	101
12	M	2-Amino-4,6-Dinitrotoluene	242.717	242.222	E3	0.2	99
13	M	2,4-Dinitrotoluene	201.560	202.860	E3	-0.6	100
14	M	2-Nitrotoluene	87.881	91.989	E3	-4.7	103
15	M	3-Nitrotoluene	95.295	95.748	E3	-0.5	100
16	M	Nitroglycerine	698.582	729.568	E3	-4.4	104
17	M	3,5-Dinitroaniline	167.240	167.108	E3	0.1	100
18		PETN	0.000	0.000		0.0	0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
BLK109893

Lab Name :	GPL Laboratories	Client. :	McTech Corp.
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	905118
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BLK109893
Sample Volume :	2	Lab File ID :	F520_035.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	05/19/2009
Extract Volume:	20 mL	Date Analyzed	05/21/2009
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N/A pH:		

Concentration Units (ug/L or ug/kg dry weight) : ug/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	100	U
99-65-0	1,3-Dinitrobenzene	100	U
118-96-7	2,4,6-Trinitrotoluene	100	U
121-14-2	2,4-Dinitrotoluene	100	U
606-20-2	2,6-Dinitrotoluene	100	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	100	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	100	U
2691-41-0	HMX	200	U
98-95-3	Nitrobenzene	100	U
121-82-4	RDX	200	U
479-45-8	Tetryl	200	U
99-08-1	m-Nitrotoluene	200	U
88-72-2	o-Nitrotoluene	200	U
99-99-0	p-Nitrotoluene	200	U

Analytical Report For 905116

for

McTech Corp.

Project Manager: Kim Chambers

Project Name: Plum Brook

GPL

Laboratories

GPL Laboratories, LLLP certifies that the test results meet all requirements of the NELAC Standards unless otherwise noted.

Per

Reviewed By,
Project Manager

Approved By,
Laboratory Director

The Case Narrative, Chain of Custody, Sample Receipt Checklist, and the cover page of the Sample Analysis Report, are integral parts of GPL Laboratories' report package. If you did not receive all of these documents, please contact GPL immediately.

Sample Receipt

Sixteen soil samples were received on 05/15/2009. The samples were delivered by Federal Express. Sample receipt conditions and temperatures are documented on the Sample Receipt checklist.

Sample Analysis

Samples were prepared and analyzed by GPL using the analytical methodologies indicated on the Sample Analysis Summary Report. In some chromatographic analyses, manual integration is used instead of automated integration because it produces more accurate results. All manual integrations are denoted on the sample quantitation report. Analysis results and limits for soil are reported on a dry weight basis unless otherwise specified on the report.

Explosives/Propellants

Sixteen soil samples were extracted and analyzed for explosive compound by SW846 method 8330.

All extraction and analysis holding times were met.

All surrogate recoveries were within the QC limits.

All samples were reanalyzed on a second different column for confirmation.

Th matrix spike and matrix spike duplicate analyses were performed on sample 200708M.RR.250. All recoveries and RPD's we within the QC limits.

A laboratory control sample was extracted and analyzed along with this batch. All recoveries were within the QC limits.

Manual integration was performed on some data files, when automatic integration provided by the software was inappropriate.

Pee

Reviewed By,
Project Manager

Approved By,
Laboratory Director

GPL Laboratories, LLLP

Sample Summary Report

McTech Corp.

Work Order: 905116

Client Sample ID	Lab Sample ID	Analytical Method	Matrix	Date Sampled	Date Recieved
200708M.RR.250	905116-001-001-1/1	SW8330	SOIL	05/12/2009	05/15/2009
200708M.RR.251	905116-002-002-1/1	SW8330	SOIL	05/12/2009	05/15/2009
200708M.RR.252	905116-003-003-1/1	SW8330	SOIL	05/13/2009	05/15/2009
200708M.RR.253	905116-004-004-1/1	SW8330	SOIL	05/13/2009	05/15/2009
200708M.RR.254	905116-005-005-1/1	SW8330	SOIL	05/13/2009	05/15/2009
200708M.RR.255	905116-006-006-1/1	SW8330	SOIL	05/13/2009	05/15/2009
200708M.RR.256	905116-007-007-1/1	SW8330	SOIL	05/13/2009	05/15/2009
200708M.RR.257	905116-008-008-1/1	SW8330	SOIL	05/13/2009	05/15/2009
200708M.RR.258	905116-009-009-1/1	SW8330	SOIL	05/13/2009	05/15/2009
200708M.RR.259	905116-010-010-1/1	SW8330	SOIL	05/14/2009	05/15/2009
20[illegible].M.RR.260	905116-011-011-1/1	SW8330	SOIL	05/14/2009	05/15/2009
200708M.RR.261	905116-012-012-1/1	SW8330	SOIL	05/14/2009	05/15/2009
200708M.RR.262	905116-013-013-1/1	SW8330	SOIL	05/14/2009	05/15/2009
200708M.RR.263	905116-014-014-1/1	SW8330	SOIL	05/14/2009	05/15/2009
200708M.RR.264	905116-015-015-1/1	SW8330	SOIL	05/14/2009	05/15/2009
200708M.RR.265	905116-016-016-1/1	SW8330	SOIL	05/14/2009	05/15/2009

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M.RR.250	Lab Sample ID:	905116-001-001-1/1
Sample Date/Time:	05/12/2009 14:00	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:45	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

# Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,3,5-Trinitrobenzene	99-35-4	BQL	U	100	1	ug/kg	05/20/09	17:48
2) 1,3-Dinitrobenzene	99-65-0	BQL	U	100	1	ug/kg	05/20/09	17:48
3) 2,4,6-Trinitrotoluene	118-96-7	BQL	U	100	1	ug/kg	05/20/09	17:48
4) 2,4-Dinitrotoluene	121-14-2	BQL	U	100	1	ug/kg	05/20/09	17:48
5) 2,6-Dinitrotoluene	606-20-2	BQL	U	100	1	ug/kg	05/20/09	17:48
6) 2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	100	1	ug/kg	05/20/09	17:48
7) 4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	100	1	ug/kg	05/20/09	17:48
8) HMX	2691-41-0	BQL	U	200	1	ug/kg	05/20/09	17:48
9) Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/20/09	17:48
10) RDX	121-82-4	BQL	U	200	1	ug/kg	05/20/09	17:48
11) Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/20/09	17:48
12) m-Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/20/09	17:48
13) o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/20/09	17:48
14) p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/20/09	17:48

# Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	100-01-6	95 %	30 - 130	1	05/20/09	17:48

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl Sample ID:	200708M.RR.251	Lab Sample ID:	905116-002-002-1/1
Sample Date/Time:	05/12/2009 14:10	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:45	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

# Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,3,5-Trinitrobenzene	99-35-4	BQL	U	100	1	ug/kg	05/20/09	18:11
2) 1,3-Dinitrobenzene	99-65-0	BQL	U	100	1	ug/kg	05/20/09	18:11
3) 2,4,6-Trinitrotoluene	118-96-7	BQL	U	100	1	ug/kg	05/20/09	18:11
4) 2,4-Dinitrotoluene	121-14-2	BQL	U	100	1	ug/kg	05/20/09	18:11
5) 2,6-Dinitrotoluene	606-20-2	BQL	U	100	1	ug/kg	05/20/09	18:11
6) 2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	100	1	ug/kg	05/20/09	18:11
7) 4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	100	1	ug/kg	05/20/09	18:11
8) HMX	2691-41-0	BQL	U	200	1	ug/kg	05/20/09	18:11
9) Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/20/09	18:11
10) RDX	121-82-4	BQL	U	200	1	ug/kg	05/20/09	18:11
11) Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/20/09	18:11
12) ...-Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/20/09	18:11
13) o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/20/09	18:11
14) p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/20/09	18:11

# Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	100-01-6	92 %	30 - 130	1	05/20/09	18:11

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl[illegible] Sample ID:	200708M.RR.252	Lab Sample ID:	905116-003-003-1/1
Sample Date/Time:	05/13/2009 08:30	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:45	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**600**		**99**	**1**	**ug/kg**	**05/20/09**	**18:34**
2)	1,3-Dinitrobenzene	99-65-0	64	J	99	1	ug/kg	05/20/09	18:34
3)	**2,4,6-Trinitrotoluene**	**118-96-7**	**170**		**99**	**1**	**ug/kg**	**05/20/09**	**18:34**
4)	2,4-Dinitrotoluene	121-14-2	94	J	99	1	ug/kg	05/20/09	18:34
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	99	1	ug/kg	05/20/09	18:34
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**120**		**99**	**1**	**ug/kg**	**05/20/09**	**18:34**
7)	**4-Amino-2,6-Dinitrotoluene**	**19406-51-0**	**240**		**99**	**1**	**ug/kg**	**05/20/09**	**18:34**
8)	HMX	2691-41-0	BQL	U	200	1	ug/kg	05/20/09	18:34
9)	Nitrobenzene	98-95-3	BQL	U	99	1	ug/kg	05/20/09	18:34
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/20/09	18:34
11)	Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/20/09	18:34
12)	m-Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/20/09	18:34
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/20/09	18:34
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/20/09	18:34

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	97 %	30 - 130	1	05/20/09	18:34

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl. Sample ID:	200708M.RR.253	Lab Sample ID:	905116-004-004-1/1
Sample Date/Time:	05/13/2009 08:45	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:45	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**660**		**99**	**1**	**ug/kg**	**05/20/09**	**18:56**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	99	1	ug/kg	05/20/09	18:56
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	99	1	ug/kg	05/20/09	18:56
4)	**2,4-Dinitrotoluene**	**121-14-2**	**150**		**99**	**1**	**ug/kg**	**05/20/09**	**18:56**
5)	2,6-Dinitrotoluene	606-20-2	89	J	99	1	ug/kg	05/20/09	18:56
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**160**		**99**	**1**	**ug/kg**	**05/20/09**	**18:56**
7)	**4-Amino-2,6-Dinitrotoluene**	**19406-51-0**	**240**		**99**	**1**	**ug/kg**	**05/20/09**	**18:56**
8)	HMX	2691-41-0	BQL	U	200	1	ug/kg	05/20/09	18:56
9)	Nitrobenzene	98-95-3	BQL	U	99	1	ug/kg	05/20/09	18:56
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/20/09	18:56
11)	Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/20/09	18:56
12)	m-Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/20/09	18:56
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/20/09	18:56
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/20/09	18:56

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	94 %	30 - 130	1	05/20/09	18:56

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl. Sample ID:	200708M.RR.254	Lab Sample ID:	905116-005-005-1/1
Sample Date/Time:	05/13/2009 09:00	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:45	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**1200**		**100**	**1**	**ug/kg**	**05/20/09**	**19:19**
2)	1,3-Dinitrobenzene	99-65-0	77	J	100	1	ug/kg	05/20/09	19:19
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	100	1	ug/kg	05/20/09	19:19
4)	**2,4-Dinitrotoluene**	**121-14-2**	**1400**		**100**	**1**	**ug/kg**	**05/20/09**	**19:19**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**280**		**100**	**1**	**ug/kg**	**05/20/09**	**19:19**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**260**		**100**	**1**	**ug/kg**	**05/20/09**	**19:19**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	100	1	ug/kg	05/20/09	19:19
8)	HMX	2691-41-0	BQL	U	200	1	ug/kg	05/20/09	19:19
9)	Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/20/09	19:19
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/20/09	19:19
11)	Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/20/09	19:19
12)	m-Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/20/09	19:19
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/20/09	19:19
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/20/09	19:19

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	102 %	30 - 130	1	05/20/09	19:19

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl[illegible] Sample ID:	200708M.RR.255	Lab Sample ID:	905116-006-006-1/1
Sample Date/Time:	05/13/2009 09:20	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:45	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**560**		**100**	**1**	**ug/kg**	**05/20/09**	**19:42**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**530**		**100**	**1**	**ug/kg**	**05/20/09**	**19:42**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	100	1	ug/kg	05/20/09	19:42
4)	**2,4-Dinitrotoluene**	**121-14-2**	**1500**		**100**	**1**	**ug/kg**	**05/20/09**	**19:42**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**240**		**100**	**1**	**ug/kg**	**05/20/09**	**19:42**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**170**		**100**	**1**	**ug/kg**	**05/20/09**	**19:42**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	100	1	ug/kg	05/20/09	19:42
8)	HMX	2691-41-0	BQL	U	200	1	ug/kg	05/20/09	19:42
9)	Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/20/09	19:42
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/20/09	19:42
11)	[illegible]tryl	479-45-8	BQL	U	200	1	ug/kg	05/20/09	19:42
12)	m-Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/20/09	19:42
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/20/09	19:42
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/20/09	19:42

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	114 %	30 - 130	1	05/20/09	19:42

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli. Sample ID:	200708M.RR.256	Lab Sample ID:	905116-007-007-1/1
Sample Date/Time:	05/13/2009 09:30	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:45	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**1800**		**100**	**1**	**ug/kg**	**05/20/09**	**20:27**
2)	1,3-Dinitrobenzene	99-65-0	50	J	100	1	ug/kg	05/20/09	20:27
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	100	1	ug/kg	05/20/09	20:27
4)	2,4-Dinitrotoluene	121-14-2	43	J	100	1	ug/kg	05/20/09	20:27
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	100	1	ug/kg	05/20/09	20:27
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	99	J	100	1	ug/kg	05/20/09	20:27
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	100	1	ug/kg	05/20/09	20:27
8)	HMX	2691-41-0	BQL	U	200	1	ug/kg	05/20/09	20:27
9)	Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/20/09	20:27
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/20/09	20:27
11)	[illegible]tryl	479-45-8	BQL	U	200	1	ug/kg	05/20/09	20:27
12)	m-Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/20/09	20:27
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/20/09	20:27
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/20/09	20:27

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	91 %	30 - 130	1	05/20/09	20:27

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl Sample ID:	200708M.RR.257	Lab Sample ID:	905116-008-008-1/1
Sample Date/Time:	05/13/2009 09:45	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:45	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

# Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,3,5-Trinitrobenzene	**99-35-4**	**1700**		**99**	**1**	**ug/kg**	**05/20/09**	**20:49**
2) 1,3-Dinitrobenzene	**99-65-0**	**460**		**99**	**1**	**ug/kg**	**05/20/09**	**20:49**
3) 2,4,6-Trinitrotoluene	118-96-7	63	J	99	1	ug/kg	05/20/09	20:49
4) 2,4-Dinitrotoluene	**121-14-2**	**420**		**99**	**1**	**ug/kg**	**05/20/09**	**20:49**
5) 2,6-Dinitrotoluene	606-20-2	BQL	U	99	1	ug/kg	05/20/09	20:49
6) 2-Amino-4,6-Dinitrotoluene	**35572-78-2**	**380**		**99**	**1**	**ug/kg**	**05/20/09**	**20:49**
7) 4-Amino-2,6-Dinitrotoluene	**19406-51-0**	**480**		**99**	**1**	**ug/kg**	**05/20/09**	**20:49**
8) HMX	2691-41-0	BQL	U	200	1	ug/kg	05/20/09	20:49
9) Nitrobenzene	98-95-3	BQL	U	99	1	ug/kg	05/20/09	20:49
10) RDX	121-82-4	BQL	U	200	1	ug/kg	05/20/09	20:49
11) Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/20/09	20:49
12) m-Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/20/09	20:49
13) o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/20/09	20:49
14) p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/20/09	20:49

# Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	100-01-6	76 %	30 - 130	1	05/20/09	20:49

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl Sample ID:	200708M.RR.258	Lab Sample ID:	905116-009-009-1/1
Sample Date/Time:	05/13/2009 09:55	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:45	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**1400**		**100**	**1**	**ug/kg**	**05/20/09**	**21:12**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**130**		**100**	**1**	**ug/kg**	**05/20/09**	**21:12**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	100	1	ug/kg	05/20/09	21:12
4)	**2,4-Dinitrotoluene**	**121-14-2**	**310**		**100**	**1**	**ug/kg**	**05/20/09**	**21:12**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**110**		**100**	**1**	**ug/kg**	**05/20/09**	**21:12**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**200**		**100**	**1**	**ug/kg**	**05/20/09**	**21:12**
7)	**4-Amino-2,6-Dinitrotoluene**	**19406-51-0**	**220**		**100**	**1**	**ug/kg**	**05/20/09**	**21:12**
8)	HMX	2691-41-0	BQL	U	200	1	ug/kg	05/20/09	21:12
9)	Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/20/09	21:12
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/20/09	21:12
11)	Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/20/09	21:12
12)	m-Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/20/09	21:12
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/20/09	21:12
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/20/09	21:12

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	92 %	30 - 130	1	05/20/09	21:12

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M.RR.259	Lab Sample ID:	905116-010-010-1/1
Sample Date/Time:	05/14/2009 09:30	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:45	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**400**		**100**	**1**	**ug/kg**	**05/20/09**	**21:34**
2)	1,3-Dinitrobenzene	99-65-0	79	J	100	1	ug/kg	05/20/09	21:34
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	100	1	ug/kg	05/20/09	21:34
4)	2,4-Dinitrotoluene	121-14-2	82	J	100	1	ug/kg	05/20/09	21:34
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	100	1	ug/kg	05/20/09	21:34
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	83	J	100	1	ug/kg	05/20/09	21:34
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	100		100	1	ug/kg	05/20/09	21:34
8)	HMX	2691-41-0	BQL	U	200	1	ug/kg	05/20/09	21:34
9)	Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/20/09	21:34
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/20/09	21:34
11)	Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/20/09	21:34
12)	m-Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/20/09	21:34
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/20/09	21:34
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/20/09	21:34

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	42 %	30 - 130	1	05/20/09	21:34

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl. Sample ID:	200708M.RR.260	Lab Sample ID:	905116-011-011-1/1
Sample Date/Time:	05/14/2009 09:40	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:45	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

# Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,3,5-Trinitrobenzene	**99-35-4**	**620**		**100**	**1**	**ug/kg**	**05/20/09**	**21:57**
2) 1,3-Dinitrobenzene	99-65-0	BQL	U	100	1	ug/kg	05/20/09	21:57
3) 2,4,6-Trinitrotoluene	118-96-7	BQL	U	100	1	ug/kg	05/20/09	21:57
4) 2,4-Dinitrotoluene	121-14-2	50	J	100	1	ug/kg	05/20/09	21:57
5) 2,6-Dinitrotoluene	606-20-2	BQL	U	100	1	ug/kg	05/20/09	21:57
6) 2-Amino-4,6-Dinitrotoluene	35572-78-2	59	J	100	1	ug/kg	05/20/09	21:57
7) 4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	100	1	ug/kg	05/20/09	21:57
8) HMX	2691-41-0	BQL	U	200	1	ug/kg	05/20/09	21:57
9) Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/20/09	21:57
10) RDX	121-82-4	BQL	U	200	1	ug/kg	05/20/09	21:57
11) Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/20/09	21:57
12) m-Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/20/09	21:57
13) o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/20/09	21:57
14) p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/20/09	21:57

# Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	100-01-6	91 %	30 - 130	1	05/20/09	21:57

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl Sample ID:	200708M.RR.261	Lab Sample ID:	905116-012-012-1/1
Sample Date/Time:	05/14/2009 09:45	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:45	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**420**		**100**	**1**	**ug/kg**	**05/20/09**	**22:20**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	100	1	ug/kg	05/20/09	22:20
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	100	1	ug/kg	05/20/09	22:20
4)	**2,4-Dinitrotoluene**	**121-14-2**	**270**		**100**	**1**	**ug/kg**	**05/20/09**	**22:20**
5)	2,6-Dinitrotoluene	606-20-2	71	J	100	1	ug/kg	05/20/09	22:20
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	81	J	100	1	ug/kg	05/20/09	22:20
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	100	1	ug/kg	05/20/09	22:20
8)	HMX	2691-41-0	BQL	U	200	1	ug/kg	05/20/09	22:20
9)	Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/20/09	22:20
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/20/09	22:20
11)	Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/20/09	22:20
12,	Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/20/09	22:20
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/20/09	22:20
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/20/09	22:20

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	93 %	30 - 130	1	05/20/09	22:20

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli. Sample ID:	200708M.RR.262	Lab Sample ID:	905116-013-013-1/1
Sample Date/Time:	05/14/2009 09:55	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:45	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**530**		**100**	**1**	**ug/kg**	**05/20/09**	**22:42**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	100	1	ug/kg	05/20/09	22:42
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	100	1	ug/kg	05/20/09	22:42
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	100	1	ug/kg	05/20/09	22:42
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	100	1	ug/kg	05/20/09	22:42
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	100	1	ug/kg	05/20/09	22:42
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	100	1	ug/kg	05/20/09	22:42
8)	HMX	2691-41-0	BQL	U	200	1	ug/kg	05/20/09	22:42
9)	Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/20/09	22:42
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/20/09	22:42
11)	tryl	479-45-8	BQL	U	200	1	ug/kg	05/20/09	22:42
12)	m-Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/20/09	22:42
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/20/09	22:42
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/20/09	22:42

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	93 %	30 - 130	1	05/20/09	22:42

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl Sample ID:	200708M.RR.263	Lab Sample ID:	905116-014-014-1/1
Sample Date/Time:	05/14/2009 10:00	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:45	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

# Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,3,5-Trinitrobenzene	99-35-4	82	J	100	1	ug/kg	05/20/09	23:05
2) 1,3-Dinitrobenzene	99-65-0	BQL	U	100	1	ug/kg	05/20/09	23:05
3) 2,4,6-Trinitrotoluene	118-96-7	BQL	U	100	1	ug/kg	05/20/09	23:05
4) 2,4-Dinitrotoluene	121-14-2	79	J	100	1	ug/kg	05/20/09	23:05
5) 2,6-Dinitrotoluene	606-20-2	BQL	U	100	1	ug/kg	05/20/09	23:05
6) 2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	100	1	ug/kg	05/20/09	23:05
7) 4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	100	1	ug/kg	05/20/09	23:05
8) HMX	2691-41-0	BQL	U	200	1	ug/kg	05/20/09	23:05
9) Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/20/09	23:05
10) RDX	121-82-4	BQL	U	200	1	ug/kg	05/20/09	23:05
11) Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/20/09	23:05
12, Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/20/09	23:05
13) o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/20/09	23:05
14) p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/20/09	23:05

# Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	100-01-6	95 %	30 - 130	1	05/20/09	23:05

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M.RR.264	Lab Sample ID:	905116-015-015-1/1
Sample Date/Time:	05/14/2009 10:10	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:45	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**200**		**100**	**1**	**ug/kg**	**05/20/09**	**23:28**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	100	1	ug/kg	05/20/09	23:28
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	100	1	ug/kg	05/20/09	23:28
4)	2,4-Dinitrotoluene	121-14-2	85	J	100	1	ug/kg	05/20/09	23:28
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	100	1	ug/kg	05/20/09	23:28
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**160**		**100**	**1**	**ug/kg**	**05/20/09**	**23:28**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	100	1	ug/kg	05/20/09	23:28
8)	HMX	2691-41-0	BQL	U	200	1	ug/kg	05/20/09	23:28
9)	Nitrobenzene	98-95-3	BQL	U	100	1	ug/kg	05/20/09	23:28
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/20/09	23:28
11)	[illegible]tryl	479-45-8	BQL	U	200	1	ug/kg	05/20/09	23:28
12)	m-Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/20/09	23:28
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/20/09	23:28
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/20/09	23:28

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	94 %	30 - 130	1	05/20/09	23:28

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M.RR.265	Lab Sample ID:	905116-016-016-1/1
Sample Date/Time:	05/14/2009 10:20	Percent Moisture:	NA
Receipt Date/Time:	05/15/2009 10:45	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/19/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**400**		**99**	**1**	**ug/kg**	**05/20/09**	**23:50**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	99	1	ug/kg	05/20/09	23:50
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	99	1	ug/kg	05/20/09	23:50
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	99	1	ug/kg	05/20/09	23:50
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	99	1	ug/kg	05/20/09	23:50
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	99	1	ug/kg	05/20/09	23:50
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	99	1	ug/kg	05/20/09	23:50
8)	HMX	2691-41-0	BQL	U	200	1	ug/kg	05/20/09	23:50
9)	Nitrobenzene	98-95-3	BQL	U	99	1	ug/kg	05/20/09	23:50
10)	RDX	121-82-4	BQL	U	200	1	ug/kg	05/20/09	23:50
11)	Tetryl	479-45-8	BQL	U	200	1	ug/kg	05/20/09	23:50
12)	... Nitrotoluene	99-08-1	BQL	U	200	1	ug/kg	05/20/09	23:50
13)	o-Nitrotoluene	88-72-2	BQL	U	200	1	ug/kg	05/20/09	23:50
14)	p-Nitrotoluene	99-99-0	BQL	U	200	1	ug/kg	05/20/09	23:50

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	97 %	30 - 130	1	05/20/09	23:50

Qualifier Definitions

McTech Corp.

Work Order: 905116

All Departments

U Indicates that the compound was analyzed for but not detected

BQL Below Quantitation Limit

Organics

B Indicates that the analyte was found in the associated blank as well as in the sample

D Indicates that the analyte was reported from a diluted analysis

E Indicates that the concentration detected exceeded the calibration range of the instrument

J Value is less than the reporting limit but greater than the MDL

P Indicates that there is greater than 25% difference for detected pesticide/Arochlor results between the two GC columns

Metals

' Indicates that the reported value was less than the reporting limit but greater than or equal to the IDL/MDL

E Indicates that the reported value is estimated because of the possible presence of interference (i.e. the serial dilution not within control limits)

H Indicates that the element was found in the associated blank as well as in the sample and the value is greater than or equal to the reporting limit

D Indicates that the analyte was reported from a diluted analysis

N Spiked sample recovery not within control limits

* Duplicate analysis not within control limits

GPL LABORATORIES, LLLP

7210A Corporate Court
Frederick, MD 21703
(301) 694-5310
Fax (301) 620-0731

Contract/Billing Reference

1 of 3 pgs.

Project: 200708m PERWP - Residual Risk
Client: McTech Corp.
Send Results To: Kim Chambers
Address: 240 Oliver St.
St. Albans, WV 25177
Phone: 304.215.0099

Turnaround Time: 5 business days
# of Containers: 1/sample
Container Type: EA
Preservative Used: 4°C
Type of Analysis: Total Mercury by 7471

Sample ID	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Total Mercury by 7471	Lab Cooler No.	CLIENT COMMENTS
200708m-RR-250	5/12/09	1400	Soil	HO	✓		
200708m-RR-251	5/12/09	1410	"	HO	✓		
200708m-RR-252	5/13/09	0820	"	HO	✓		
200708m-RR-253	5/13/09	0845	"	HO	✓		
200708m-RR-254	5/13/09	0900	"	HO	✓		
200708m-RR-255	5/13/09	0920	"	HO	✓		
200708m-RR-256	5/13/09	0930	"	HO	✓		
200708m-RR-257	5/13/09	0945	"	HO	✓		
200708m-RR-258	5/13/09	0955	"	HO	✓		
200708m-RR-259	5/14/09	0930	"	HO	✓		
200708m-RR-260	5/14/09	0940	"	HO	✓		
200708m-RR-261	5/14/09	0945	"	HO	✓		

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
[signature]	5/14/09 1300			[signature]	5/15/09 9:30

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:
			5/14/09 1300	HO / FEDEX	8682-8674 6033

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:
				10

G.P. W.O. 905116

GPL LABORATORIES, LLLP

7210A Corporate Court
Frederick, MD 21703
(301) 694-5310
Fax (301) 620-0731

Contract #/Billing Reference

3 of 3 Pgs.

Project: 20070BM/RBWP Residual Risk
Client: McTech Corp
Send Results To: Kim Chambers
Address: 240 Oliver St
St. Albans WV 25177
Phone: 304-215-0099

Turnaround Time: Standard
# of Containers: 1/sample
Container Type: G
Preservative Used: 4°C
Type of Analysis: Total Nitroaromatics 8330

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Total Nitroaromatics 8330	Lab Cooler No.	CLIENT COMMENTS
20070BM-RR-262	5/14/09	0955	Soil	HJD	✓		
20070BM-RR-263	5/14/09	1000	"	HJD	✓		
20070BM-RR-264	5/14/09	1010	"	HJD	✓		
20070BM-RR-265	5/14/09	1020	"	HJD	✓		

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
[signature]	5/14/09 1300			[signature]	5/15/09 9:30

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No:
			5/14/09 1300	HJD / FEDEX	8682 8674 6033 6843

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:
				7°

G.P. W.O. 905116

FedEx Express US Airbill 8682 8674 6033

8682 8674 6033

Recipient's Copy

1 From This package can be returned for the sender's records.

Date 5/14/09 FedEx Tracking Number 8682 8674 6033

Sender's Name Helen Clewis

Dept/Floor

Address

City State ZIP

2 Your Internal Billing Reference

3 To

Recipient's Name Pat Hirschman Phone 301 694 5310

Company GPL Laboratories, LLP

Recipient's Address 7210 A Corporate Court

Address

City Frederick State MD ZIP 21703

4a Express Package Service

4b Express Freight Service

5 Packaging

6 Special Handling

7 Payment Bill to

Total Packages 1 Total Weight 40

8 Residential Delivery Signature Options

519

9622 7874 6033

fedex.com 1.800.GoFedEx 1.800.463.3339

RECIPIENT'S PEEL HERE

GPL Laboratories, LLLP

SAMPLE RECEIPT CHECKLIST

W.O. No: 905116

Client Name: McTech

Date Received: 5/15/09

Time Received: 9:50

Received By: Walter

Carrier Name: Fed-Ex

Prepared (Logged In) By: [illegible] 5/15/09

Project:

Site:

VOA Holding Blank ID No:

	YES	NO		YES	NO
AWB/Manifest Present?	✓		Trip Blanks Received?		✓
No: 8682 8674 6033			No. of Sets		
Shipping Container In Good Condition?	✓		VOA Vials Have Zero Headspace?		✓
Custody Seals Present on Shipping Container?	✓		Preservatives Added to Samples?		✓
Condition: Good ✓ Broken			pH Check Required?		✓
Chain of Custody Present?	✓		Performed By:		
Chain of Custody Agrees with Sample Labels?	✓		Ice Present in Shipping Container?	✓	
Chain of Custody Signed?	✓				
Packing Present in Shipping Container?	✓		Container # / Temperature		
Type of Packing: Bubble wrap			1 / 30		
Custody Seals on Sample Bottles?	✓				
Condition: Good ✓ Broken					
Total Number of Sample Bottles 16	✓				
Total Number of Samples 16	✓				
Samples Intact?	✓				
Sufficient Sample Volume for Indicated Test?	✓		Project Manager Contacted?		
			Name: Pat		
			Date Contacted: 5/15/09		

Any NO response must be detailed in the comments section below. If items are not applicable to particular samples or contracts, they should be marked N/A.

COMMENTS:

Checklist Completed By: Walter

Date: 5/15/09

EXPLOSIVES
QC

GPL Laboratories

Surrogate Recovery Summary

Matrix : SOIL **Analytical Method : SW8330** **SDG No : 905116**

Surrogate	NO2ANIL4
Lower QC Limits	30
Upper QC Limits	130
Sample ID	
200708M.RR.250	95
200708M.RR.250MS	92
200708M.RR.250MSD	98
200708M.RR.251	92
200708M.RR.252	97
200708M.RR.253	94
200708M.RR.254	102
200708M.RR.255	114
200708M.RR.256	91
200708M.RR.257	76
200708M.RR.258	92
200708M.RR.259	42
200708M.RR.260	91
200708M.RR.261	93
200708M.RR.262	93
200708M.RR.263	95
200708M.RR.264	94
200708M.RR.265	97
BKS109881	102
BLK109881	103

*Value outside of QC Limts

NO2ANIL4 = 4-Nitroaniline

GPL Laboratories

MS/MSD RECOVERY

SAMPLE NO
200708M.RR.250MSD

Lab Name : GPL Laboratories SDG NO : 905116 Method : SW8330

Lab Code : GPL Lab Sample ID : 905116-001-001-1/1MSD Matrix : SOIL Analysis Date : 05/21/2009

Compound	Spike Added (ug/kg)		CONCENTRATION (ug/kg)			%RECOVERY		% RPD	RPD Limit	QC Limits
	MS	MSD	Sample	MS	MSD	MS	MSD			
1,3,5-Trinitrobenzene	2500	2500	0.0	2400	2400	96	96	0	25	65-135
1,3-Dinitrobenzene	2500	2500	0.0	2300	2300	92	92	0	25	70-135
2,4,6-Trinitrotoluene	2500	2500	0.0	2700	2600	108	104	4	25	45-145
2,4-Dinitrotoluene	2500	2500	0.0	2300	2400	92	92	0	25	75-130
2,6-Dinitrotoluene	2500	2500	0.0	2300	2300	92	92	0	25	70-130
2-Amino-4,6-Dinitrotoluene	2500	2500	0.0	2300	2300	92	92	0	25	75-130
4-Amino-2,6-Dinitrotoluene	2500	2500	0.0	2300	2300	92	92	0	25	75-130
HMX	2500	2500	0.0	2000	1900	80	76	5	25	65-135
Nitrobenzene	2500	2500	0.0	2300	2300	92	92	0	25	70-130
RDX	2500	2500	0.0	2300	2200	92	92	0	25	65-145
Tetryl	2500	2500	0.0	1500	1500	60	60	0	25	10-150
m-Nitrotoluene	2500	2500	0.0	2300	2300	92	92	0	25	70-130
o-Nitrotoluene	2500	2500	0.0	2300	2300	92	92	0	25	70-130
p-Nitrotoluene	2500	2500	0.0	2300	2300	92	92	0	25	70-135

Column to be used to flag recovery and RPD Values with an asterisk.

* Values Outside of QC Limits.

RPD 0 Out of 14 Outside Limit
Spike Recovery : 0 Out of 28 outside limit

GPL Laboratories

LCS SUMMARY

SAMPLE NO
BKS109881

Lab Name : GPL Laboratories
Lab Code : GPL
Matrix : SOIL
Method : SW8330

Contract. : Plum Brook
SDG NO : 905116
Lab Sample ID : BKS109881
Analysis Date : 05/20/2009

COMPOUND	SPIKE ADDED (ug/kg)	BLANK CONCENTRATION (ug/kg)	LCS CONCENTRATION (ug/kg)	LCS % REC	QC LIMTS
1,3,5-Trinitrobenzene	2500	0	2400	96	75-125
1,3-Dinitrobenzene	2500	0	2300	92	80-125
2,4,6-Trinitrotoluene	2500	0	2600	104	55-140
2,4-Dinitrotoluene	2500	0	2300	92	80-125
2,6-Dinitrotoluene	2500	0	2300	92	80-120
2-Amino-4,6-Dinitrotoluene	2500	0	2400	96	80-125
4-Amino-2,6-Dinitrotoluene	2500	0	2400	96	80-125
HMX	2500	0	2500	100	75-125
Nitrobenzene	2500	0	2300	92	75-125
RDX	2500	0	2300	92	70-135
Tetryl	2500	0	1800	72	10-150
m-Nitrotoluene	2500	0	2300	92	75-120
o-Nitrotoluene	2500	0	2400	96	80-125
p-Nitrotoluene	2500	0	2300	92	75-125

* Values Outside of QC Limits.

Spike recovery : 0 out of 14 outside limits

GPL Laboratories

GPL
FORM 4
EXPLOSIVE METHOD BLANK SUMMARY

SAMPLE NO
BLK109881

Lab Name :	GPL Laboratories	Client :	McTech Corp.
Lab Code :	GPL	SAS NO. :	109881
Lab File ID :	F520_013.D	SDG NO :	905116
Date Analyzed	05/20/2009	Lab Sample ID :	BLK109881
Date Extracted :	05/19/2009	Time Analyzed :	16:18
Matrix :(Soil/Water).	SOIL	Level :(Low/Med)	

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS AND MSD :

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed
BKS109881	BKS109881	F520_014.D	05/20/2009
200708M.RR.250MS	905116-001-001-1/1MS	F520_015.D	05/20/2009
200708M.RR.250	905116-001-001-1/1	F520_017.D	05/20/2009
200708M.RR.251	905116-002-002-1/1	F520_018.D	05/20/2009
200708M.RR.252	905116-003-003-1/1	F520_019.D	05/20/2009
200708M.RR.253	905116-004-004-1/1	F520_020.D	05/20/2009
200708M.RR.254	905116-005-005-1/1	F520_021.D	05/20/2009
200708M.RR.255	905116-006-006-1/1	F520_022.D	05/20/2009
200708M.RR.256	905116-007-007-1/1	F520_024.D	05/20/2009
200708M.RR.257	905116-008-008-1/1	F520_025.D	05/20/2009
200708M.RR.258	905116-009-009-1/1	F520_026.D	05/20/2009
200708M.RR.259	905116-010-010-1/1	F520_027.D	05/20/2009
200708M.RR.260	905116-011-011-1/1	F520_028.D	05/20/2009
200708M.RR.261	905116-012-012-1/1	F520_029.D	05/20/2009
200708M.RR.262	905116-013-013-1/1	F520_030.D	05/20/2009
200708M.RR.263	905116-014-014-1/1	F520_031.D	05/20/2009
200708M.RR.264	905116-015-015-1/1	F520_032.D	05/20/2009
200708M.RR.265	905116-016-016-1/1	F520_033.D	05/20/2009
200708M.RR.250MSD	905116-001-001-1/1MSD	F520_053.D	05/21/2009

Response Factor Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Mar 24 10:42:59 2009

Calibration Files
LEV1 =LCF01596.D LEV2 =LCF01597.D LEV3 =LCF01598.D
LEV4 =LCF01599.D LEV5 =LCF01600.D LEV6 =LCF01601.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	LEV6	Avg		%RSD
1)	T	HMX	4.069	4.285	4.751	4.286	4.322	4.423	4.356	E3	5.17
2)	S	4-Nitroaniline	4.707	4.867	4.959	4.179	4.588	4.474	4.629	E3	6.11
3)	M	RDX	6.679	5.874	6.330	5.379	5.665	5.428	5.893	E3	8.79
4)	T	1,3,5-Trinitrobenze	1.378	1.321	1.417	1.212	1.265	1.190	1.297	E4	7.01
5)	M	1,3-Dinitrobenzene	1.918	1.839	1.983	1.684	1.769	1.731	1.821	E4	6.28
6)	M	3,5-Dinitroaniline	1.449	1.468	1.642	1.288	1.365	1.323	1.423	E4	9.02
7)	M	Nitrobenzene	1.246	1.112	1.224	1.063	1.062	1.072	1.130	E4	7.39
8)	T	Tetryl	9.031	9.111	9.910	7.720	8.865	8.091	8.788	E3	8.89
9)	T	2,4,6-Trinitrotolue	1.215	1.317	1.399	1.208	1.255	1.196	1.265	E4	6.25
10)	M	2-Amino-4,6-Dinitro	1.184	1.239	1.305	1.095	1.172	1.122	1.186	E4	6.48
11)	T	4-Amino-2,6-Dinitro	7.983	8.683	9.144	7.543	8.221	7.776	8.225	E3	7.25
12)	M	2,4-Dinitrotoluene	1.728	1.742	1.852	1.574	1.652	1.597	1.691	E4	6.13
13)	T	2,6-Dinitrotoluene	9.524	9.403	9.910	8.086	8.843	8.541	9.051	E3	7.53
14)	M	2-Nitrotoluene	7.720	7.684	7.918	6.710	6.876	6.877	7.298	E3	7.29
15)	T	4-Nitrotoluene	6.990	6.217	6.547	5.631	5.711	5.710	6.135	E3	8.99
16)	M	3-Nitrotoluene	8.643	8.232	8.294	7.171	7.269	7.272	7.813	E3	8.29
7)	M	Nitroglycerine	6.976	5.879	6.127	6.126	5.917	5.725	6.125	E4	7.26
18)	M	PETN	1.019	1.044	1.102	0.907	0.980	0.941	0.999	E4	7.12

I#124264

= Out of Range ### Number of calibration levels exceeded format ###

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu May 21 09:05:12 2009
Response via : Initial Calibration

Continuing Calibration File: F520_054.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.630	E3	-6.3	108
2	S	4-Nitroaniline	4.629	4.674	E3	-1.0	112
3	M	RDX	5.893	6.157	E3	-4.5	114
4	T	1,3,5-Trinitrobenzene	12.970	13.940	E3	-7.5	115
5	M	1,3-Dinitrobenzene	18.206	19.808	E3	-8.8	118
6	M	3,5-Dinitroaniline	14.225	14.066	E3	1.1	109
7	M	Nitrobenzene	11.299	12.460	E3	-10.3	117
8	T	Tetryl	8.788	9.358	E3	-6.5	121
9	T	2,4,6-Trinitrotoluene	12.651	14.069	E3	-11.2	116
10	M	2-Amino-4,6-Dinitrotoluene	11.860	13.089	E3	-10.4	120
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.446	E3	-2.7	112
12	M	2,4-Dinitrotoluene	16.908	18.530	E3	-9.6	118
13	T	2,6-Dinitrotoluene	9.051	9.634	E3	-6.4	119
14	M	2-Nitrotoluene	7.298	7.982	E3	-9.4	119
15	T	4-Nitrotoluene	6.135	6.668	E3	-8.7	118
16	M	3-Nitrotoluene	7.813	8.514	E3	-9.0	119
17	M	Nitroglycerine	61.253	59.046	E3	3.6	96
18	M	PETN	9.987	10.514	E3	-5.3	116

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu May 21 09:04:41 2009
Response via : Initial Calibration

Continuing Calibration File: F520_052.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.582	E3	-5.2	107
2	S	4-Nitroaniline	4.629	4.646	E3	-0.4	111
3	M	RDX	5.893	6.145	E3	-4.3	114
4	T	1,3,5-Trinitrobenzene	12.970	13.941	E3	-7.5	115
5	M	1,3-Dinitrobenzene	18.206	19.800	E3	-8.8	118
6	M	3,5-Dinitroaniline	14.225	14.086	E3	1.0	109
7	M	Nitrobenzene	11.299	12.458	E3	-10.3	117
8	T	Tetryl	8.788	9.342	E3	-6.3	121
9	T	2,4,6-Trinitrotoluene	12.651	14.037	E3	-11.0	116
10	M	2-Amino-4,6-Dinitrotoluene	11.860	13.019	E3	-9.8	119
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.398	E3	-2.1	111
12	M	2,4-Dinitrotoluene	16.908	18.484	E3	-9.3	117
13	T	2,6-Dinitrotoluene	9.051	9.643	E3	-6.5	119
14	M	2-Nitrotoluene	7.298	7.960	E3	-9.1	119
15	T	4-Nitrotoluene	6.135	6.638	E3	-8.2	118
16	M	3-Nitrotoluene	7.813	8.458	E3	-8.2	118
17	M	Nitroglycerine	61.253	59.046	E3	3.6	96
18	M	PETN	9.987	10.550	E3	-5.6	116

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F520_052.D 9323P833.M Thu May 21 09:04:46 2009

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu May 21 08:34:53 2009
Response via : Initial Calibration

Continuing Calibration File: F520_011.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.639	E3	-6.5	108
2	S	4-Nitroaniline	4.629	4.906	E3	-6.0	117
3	M	RDX	5.893	6.308	E3	-7.1	117
4	T	1,3,5-Trinitrobenzene	12.970	14.170	E3	-9.2	117
5	M	1,3-Dinitrobenzene	18.206	20.046	E3	-10.1	119
6	M	3,5-Dinitroaniline	14.225	14.226	E3	-0.0	110
7	M	Nitrobenzene	11.299	12.637	E3	-11.8	119
8	T	Tetryl	8.788	9.628	E3	-9.6	125
9	T	2,4,6-Trinitrotoluene	12.651	14.255	E3	-12.7	118
10	M	2-Amino-4,6-Dinitrotoluene	11.860	13.242	E3	-11.6	121
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.696	E3	-5.7	115
12	M	2,4-Dinitrotoluene	16.908	18.779	E3	-11.1	119
13	T	2,6-Dinitrotoluene	9.051	9.880	E3	-9.2	122
14	M	2-Nitrotoluene	7.298	8.098	E3	-11.0	121
15	T	4-Nitrotoluene	6.135	6.778	E3	-10.5	120
16	M	3-Nitrotoluene	7.813	8.616	E3	-10.3	120
17	M	Nitroglycerine	61.253	59.046	E3	3.6	96
18	M	PETN	9.987	10.635	E3	-6.5	117

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu May 21 08:34:39 2009
Response via : Initial Calibration

Continuing Calibration File: F520_023.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.619	E3	-6.0	108
2	S	4-Nitroaniline	4.629	4.672	E3	-0.9	112
3	M	RDX	5.893	6.126	E3	-4.0	114
4	T	1,3,5-Trinitrobenzene	12.970	13.767	E3	-6.1	114
5	M	1,3-Dinitrobenzene	18.206	19.513	E3	-7.2	116
6	M	3,5-Dinitroaniline	14.225	13.855	E3	2.6	108
7	M	Nitrobenzene	11.299	12.330	E3	-9.1	116
8	T	Tetryl	8.788	9.332	E3	-6.2	121
9	T	2,4,6-Trinitrotoluene	12.651	13.865	E3	-9.6	115
10	M	2-Amino-4,6-Dinitrotoluene	11.860	13.153	E3	-10.9	120
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.253	E3	-0.3	109
12	M	2,4-Dinitrotoluene	16.908	18.319	E3	-8.3	116
13	T	2,6-Dinitrotoluene	9.051	9.486	E3	-4.8	117
14	M	2-Nitrotoluene	7.298	7.880	E3	-8.0	117
15	T	4-Nitrotoluene	6.135	6.592	E3	-7.5	117
16	M	3-Nitrotoluene	7.813	8.399	E3	-7.5	117
17	M	Nitroglycerine	61.253	59.046	E3	3.6	96
18	M	PETN	9.987	10.378	E3	-3.9	114

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F520_023.D 9323P833.M Thu May 21 08:34:44 2009

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu May 21 08:34:26 2009
Response via : Initial Calibration

Continuing Calibration File: F520_034.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.590	E3	-5.4	107
2	S	4-Nitroaniline	4.629	4.712	E3	-1.8	113
3	M	RDX	5.893	6.138	E3	-4.2	114
4	T	1,3,5-Trinitrobenzene	12.970	13.871	E3	-6.9	114
5	M	1,3-Dinitrobenzene	18.206	19.641	E3	-7.9	117
6	M	3,5-Dinitroaniline	14.225	13.926	E3	2.1	108
7	M	Nitrobenzene	11.299	12.370	E3	-9.5	116
8	T	Tetryl	8.788	9.281	E3	-5.6	120
9	T	2,4,6-Trinitrotoluene	12.651	14.029	E3	-10.9	116
10	M	2-Amino-4,6-Dinitrotoluene	11.860	13.165	E3	-11.0	120
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.325	E3	-1.2	110
12	M	2,4-Dinitrotoluene	16.908	18.408	E3	-8.9	117
13	T	2,6-Dinitrotoluene	9.051	9.535	E3	-5.3	118
14	M	2-Nitrotoluene	7.298	7.901	E3	-8.3	118
15	T	4-Nitrotoluene	6.135	6.612	E3	-7.8	117
16	M	3-Nitrotoluene	7.813	8.384	E3	-7.3	117
17	M	Nitroglycerine	61.253	59.046	E3	3.6	96
18	M	PETN	9.987	10.581	E3	-5.9	117

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F520_034.D 9323P833.M Thu May 21 08:34:31 2009

Response Factor Report LCD

Method : H:\LCDATA\LCD\METHODS\9507C883.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Fri May 08 12:49:25 2009

Calibration Files
LEV1 =LCD47799.D LEV2 =LCD47792.D LEV3 =LCD47793.D
LEV4 =LCD47794.D LEV5 =LCD47795.D LEV6 =LCD47796.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	LEV6	Avg		%RSD
1)	T	HMX	5.829	5.311	5.267	5.273	5.325	5.125	5.355	E4	4.53
2)	S	4-Nitroaniline	5.544	7.291	5.357	5.413	5.443	5.203	5.709	E4	13.72
3)	T	1,3,5-Trinitrobenze	1.465	1.545	1.508	1.498	1.504	1.441	1.494	E5	2.43
4)	T	Tetryl	1.071	1.074	1.062	1.036	1.045	0.999	1.048	E5	2.66
5)	T	2,4,6-Trinitrotolue	1.420	1.477	1.431	1.421	1.427	1.372	1.424	E5	2.35
6)	T	4-Amino-2,6-Dinitro	2.365	2.474	2.460	2.448	2.469	2.367	2.431	E5	2.08
7)	T	2,6-Dinitrotoluene	1.022	1.140	1.045	1.021	1.032	0.989	1.041	E5	4.97
8)	T	4-Nitrotoluene	7.575	7.752	7.630	7.644	7.706	7.412	7.620	E4	1.56
9)	M	RDX	6.857	6.949	6.959	6.963	7.046	6.761	6.923	E4	1.43
10)	M	1,3-Dinitrobenzene	2.065	2.180	2.176	2.170	2.185	2.096	2.146	E5	2.40
11)	M	Nitrobenzene	1.371	1.383	1.355	1.368	1.386	1.340	1.367	E5	1.27
12)	M	2-Amino-4,6-Dinitro	2.345	2.474	2.460	2.448	2.469	2.367	2.427	E5	2.32
13)	M	2,4-Dinitrotoluene	2.024	2.015	2.035	2.026	2.041	1.953	2.016	E5	1.60
14)	M	2-Nitrotoluene	8.090	9.049	8.894	8.955	9.034	8.708	8.788	E4	4.14
15)	M	3-Nitrotoluene	9.361	9.707	9.564	9.552	9.676	9.318	9.530	E4	1.68
16)	M	Nitroglycerine	7.177	6.418	7.065	7.013	7.151	7.091	6.986	E5	4.07
17)	M	3,5-Dinitroaniline	1.695	1.667	1.669	1.670	1.672	1.663	1.672	E5	0.68
18)		PETN							0.000	0	-1.00

(#) = Out of Range ### Number of calibration levels exceeded format ###

Continuing Calibration Report LCD

Method : H:\LCDATA\LCD\METHODS\9507C883.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Thu May 21 10:04:03 2009
Response via : Initial Calibration

Continuing Calibration File: LCD47867.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	53.553	54.999	E3	-2.7	104
2	S	4-Nitroaniline	57.087	54.003	E3	5.4	100
3	T	1,3,5-Trinitrobenzene	149.351	157.386	E3	-5.4	105
4	T	Tetryl	104.765	105.697	E3	-0.9	102
5	T	2,4,6-Trinitrotoluene	142.443	144.175	E3	-1.2	101
6	T	4-Amino-2,6-Dinitrotoluene	243.052	244.706	E3	-0.7	100
7	T	2,6-Dinitrotoluene	104.131	97.149	E3	6.7	95
8	T	4-Nitrotoluene	76.197	76.308	E3	-0.1	100
9	M	RDX	69.226	70.963	E3	-2.5	102
10	M	1,3-Dinitrobenzene	214.558	217.935	E3	-1.6	100
11	M	Nitrobenzene	136.709	136.828	E3	-0.1	100
12	M	2-Amino-4,6-Dinitrotoluene	242.717	244.706	E3	-0.8	100
13	M	2,4-Dinitrotoluene	201.560	192.836	E3	4.3	95
14	M	2-Nitrotoluene	87.881	89.171	E3	-1.5	100
15	M	3-Nitrotoluene	95.295	94.084	E3	1.3	98
16	M	Nitroglycerine	698.582	739.758	E3	-5.9	105
17	M	3,5-Dinitroaniline	167.240	163.010	E3	2.5	98
18		PETN	0.000	0.000		0.0	0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LCD47867.D 9507C883.M Thu May 21 10:04:09 2009 Page 1

Continuing Calibration Report LCD

Method : H:\LCDATA\LCD\METHODS\9507C883.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Thu May 21 10:04:21 2009
Response via : Initial Calibration

Continuing Calibration File: LCD47855.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	53.553	54.820	E3	-2.4	104
2	S	4-Nitroaniline	57.087	53.674	E3	6.0	99
3	T	1,3,5-Trinitrobenzene	149.351	154.010	E3	-3.1	103
4	T	Tetryl	104.765	108.171	E3	-3.3	104
5	T	2,4,6-Trinitrotoluene	142.443	143.397	E3	-0.7	101
6	T	4-Amino-2,6-Dinitrotoluene	243.052	244.437	E3	-0.6	100
7	T	2,6-Dinitrotoluene	104.131	102.617	E3	1.5	101
8	T	4-Nitrotoluene	76.197	75.876	E3	0.4	99
9	M	RDX	69.226	70.933	E3	-2.5	102
10	M	1,3-Dinitrobenzene	214.558	218.609	E3	-1.9	101
11	M	Nitrobenzene	136.709	137.096	E3	-0.3	100
12	M	2-Amino-4,6-Dinitrotoluene	242.717	244.437	E3	-0.7	100
13	M	2,4-Dinitrotoluene	201.560	201.805	E3	-0.1	100
14	M	2-Nitrotoluene	87.881	89.939	E3	-2.3	100
15	M	3-Nitrotoluene	95.295	95.147	E3	0.2	100
16	M	Nitroglycerine	698.582	739.758	E3	-5.9	105
17	M	3,5-Dinitroaniline	167.240	163.010	E3	2.5	98
18		PETN	0.000	0.000		0.0	0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LCD47855.D 9507C883.M Thu May 21 10:04:27 2009

Continuing Calibration Report LCD

Method : H:\LCDATA\LCD\METHODS\9507C883.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Thu May 21 10:03:51 2009
Response via : Initial Calibration

Continuing Calibration File: LCD47878.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	53.553	55.103	E3	-2.9	104
2	S	4-Nitroaniline	57.087	54.410	E3	4.7	101
3	T	1,3,5-Trinitrobenzene	149.351	153.723	E3	-2.9	103
4	T	Tetryl	104.765	107.428	E3	-2.5	104
5	T	2,4,6-Trinitrotoluene	142.443	141.912	E3	0.4	100
6	T	4-Amino-2,6-Dinitrotoluene	243.052	243.955	E3	-0.4	100
7	T	2,6-Dinitrotoluene	104.131	103.236	E3	0.9	101
8	T	4-Nitrotoluene	76.197	76.530	E3	-0.4	100
9	M	RDX	69.226	71.413	E3	-3.2	103
10	M	1,3-Dinitrobenzene	214.558	219.567	E3	-2.3	101
11	M	Nitrobenzene	136.709	137.547	E3	-0.6	101
12	M	2-Amino-4,6-Dinitrotoluene	242.717	243.955	E3	-0.5	100
13	M	2,4-Dinitrotoluene	201.560	202.373	E3	-0.4	100
14	M	2-Nitrotoluene	87.881	90.544	E3	-3.0	101
15	M	3-Nitrotoluene	95.295	95.600	E3	-0.3	100
16	M	Nitroglycerine	698.582	739.758	E3	-5.9	105
17	M	3,5-Dinitroaniline	167.240	163.010	E3	2.5	98
18		PETN	0.000	0.000		0.0	0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LCD47878.D 9507C883.M Thu May 21 10:03:56 2009

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
BLK109881

Lab Name :	GPL Laboratories	Client. :	McTech Corp.
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	905116
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BLK109881
Sample Volume :	2	Lab File ID :	F520_013.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	05/19/2009
Extract Volume:	20 mL	Date Analyzed	05/20/2009
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	BLACK pH:		

Concentration Units (ug/L or ug/kg dry weight) : ug/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	100	U
99-65-0	1,3-Dinitrobenzene	100	U
118-96-7	2,4,6-Trinitrotoluene	100	U
121-14-2	2,4-Dinitrotoluene	100	U
606-20-2	2,6-Dinitrotoluene	100	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	100	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	100	U
2691-41-0	HMX	200	U
98-95-3	Nitrobenzene	100	U
121-82-4	RDX	200	U
479-45-8	Tetryl	200	U
99-08-1	m-Nitrotoluene	200	U
88-72-2	o-Nitrotoluene	200	U
99-99-0	p-Nitrotoluene	200	U

Analytical Report For 905162

for

McTech Corp.

Project Manager: Kim Chambers

Project Name: Plum Brook

GPL

Laboratories

GPL Laboratories, LLLP certifies that the test results meet all requirements of the NELAC Standards unless otherwise noted.

Reviewed By,
Project Manager

Approved By,
Laboratory Director

The Case Narrative, Chain of Custody, Sample Receipt Checklist, and the cover page of the Sample Analysis Report, are integral parts of GPL Laboratories' report package. If you did not receive all of these documents, please contact GPL immediately.

Sample Receipt

Fourteen soil samples were received on 05/22/2009. The samples were delivered by Federal Express. Sample receipt conditions and temperatures are documented on the Sample Receipt checklist.

Sample Analysis

Samples were prepared and analyzed by GPL using the analytical methodologies indicated on the Sample Analysis Summary Report. In some chromatographic analyses, manual integration is used instead of automated integration because it produces more accurate results. All manual integrations are denoted on the sample quantitation report. Analysis results and limits for soil are reported on a dry weight basis unless otherwise specified on the report.

Explosives/Propellants

Fourteen soil samples were extracted and analyzed for explosives compounds using the EPA-SW846 method SW8330.

Both extraction and analysis holding times were met.

The samples were reanalyzed on a second different column for confirmation.

The surrogate recoveries for samples 200708-M-RR-267, 200708M-RR-275, 200708M-RR-276 and 200708M-RR-278 were abov the QC limits due to matrix interference, however, the surrogate recoveries for these samples were reported from confirmation ar es, one sample was above the QC limits. All other recoveries were within the QC limits.

The matrix spike and matrix spike duplicate analyses were performed on sample 200708M-RR-266. All recoveries were within the QC limits.

Due to matrix interference, HMX for samples 200708M-RR-268, 200708M-RR-269, 270,271,272,273 and 200708M-RR-274 are reported from confirmation analyses.

A laboratory control sample was extracted and analyzed along with this batch. All recoveries were within the QC limits.

Manual integration was performed on some data files, when automatic integration provided by the software was inappropriate.

Reviewed By,
Project Manager

Approved By,
Laboratory Director

Sample Summary Report

McTech Corp.

Work Order: 905162

Client Sample ID	Lab Sample ID	Analytical Method	Matrix	Date Sampled	Date Recieved
200708M-RR-266	905162-001-001-1/1	SW8330	SOIL	05/18/2009	05/22/2009
200708M-RR-267	905162-002-002-1/1	SW8330	SOIL	05/18/2009	05/22/2009
200708M-RR-268	905162-003-003-1/1	SW8330	SOIL	05/18/2009	05/22/2009
200708M-RR-269	905162-004-004-1/1	SW8330	SOIL	05/18/2009	05/22/2009
200708M-RR-270	905162-005-005-1/1	SW8330	SOIL	05/18/2009	05/22/2009
200708M-RR-271	905162-006-006-1/1	SW8330	SOIL	05/18/2009	05/22/2009
200708M-RR-272	905162-007-007-1/1	SW8330	SOIL	05/18/2009	05/22/2009
200708M-RR-273	905162-008-008-1/1	SW8330	SOIL	05/19/2009	05/22/2009
200708M-RR-274	905162-009-009-1/1	SW8330	SOIL	05/19/2009	05/22/2009
200708M-RR-275	905162-010-010-1/1	SW8330	SOIL	05/19/2009	05/22/2009
20(M-RR-276	905162-011-011-1/1	SW8330	SOIL	05/19/2009	05/22/2009
200708M-RR-277	905162-012-012-1/1	SW8330	SOIL	05/19/2009	05/22/2009
200708M-RR-278	905162-013-013-1/1	SW8330	SOIL	05/19/2009	05/22/2009
200708M-RR-279	905162-014-014-1/1	SW8330	SOIL	05/19/2009	05/22/2009

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-266	Lab Sample ID:	905162-001-001-1/1
Sample Date/Time:	05/18/2009 09:00	Percent Moisture:	NA
Receipt Date/Time:	05/22/2009 11:13	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/26/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**2.5**		**0.10**	**1**	**mg/kg**	**05/27/09**	**17:59**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**0.46**		**0.10**	**1**	**mg/kg**	**05/27/09**	**17:59**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	05/27/09	17:59
4)	**2,4-Dinitrotoluene**	**121-14-2**	**1.5**		**0.10**	**1**	**mg/kg**	**05/27/09**	**17:59**
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	05/27/09	17:59
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	05/27/09	17:59
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	05/27/09	17:59
8)	**HMX**	**2691-41-0**	**0.81**		**0.20**	**1**	**mg/kg**	**05/27/09**	**17:59**
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	05/27/09	17:59
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	05/27/09	17:59
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	05/27/09	17:59
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	05/27/09	17:59
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	05/27/09	17:59
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	05/27/09	17:59

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	92 %	30 - 130	1	05/27/09	17:59

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M-RR-267	Lab Sample ID:	905162-002-002-1/1
Sample Date/Time:	05/18/2009 09:10	Percent Moisture:	NA
Receipt Date/Time:	05/22/2009 11:13	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/26/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**7.7**		**0.099**	**1**	**mg/kg**	**05/27/09**	**18:23**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**2.1**		**0.099**	**1**	**mg/kg**	**05/27/09**	**18:23**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.099	1	mg/kg	05/27/09	18:23
4)	**2,4-Dinitrotoluene**	**121-14-2**	**2.7**		**0.099**	**1**	**mg/kg**	**05/27/09**	**18:23**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.21**		**0.099**	**1**	**mg/kg**	**05/27/09**	**18:23**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.30**		**0.099**	**1**	**mg/kg**	**05/27/09**	**18:23**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.099	1	mg/kg	05/27/09	18:23
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	05/27/09	18:23
9)	Nitrobenzene	98-95-3	BQL	U	0.099	1	mg/kg	05/27/09	18:23
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	05/27/09	18:23
11)	tryl	479-45-8	BQL	U	0.20	1	mg/kg	05/27/09	18:23
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	05/27/09	18:23
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	05/27/09	18:23
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	05/27/09	18:23

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	113 %	30 - 130	1	05/27/09	18:23

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli. Sample ID:	200708M-RR-268	Lab Sample ID:	905162-003-003-1/1
Sample Date/Time:	05/18/2009 09:20	Percent Moisture:	NA
Receipt Date/Time:	05/22/2009 11:13	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/26/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**12**		**0.10**	**1**	**mg/kg**	**05/27/09**	**18:48**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**3.3**		**0.10**	**1**	**mg/kg**	**05/27/09**	**18:48**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	05/27/09	18:48
4)	**2,4-Dinitrotoluene**	**121-14-2**	**5.7**		**0.10**	**1**	**mg/kg**	**05/27/09**	**18:48**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.44**		**0.10**	**1**	**mg/kg**	**05/27/09**	**18:48**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	05/27/09	18:48
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	05/27/09	18:48
8)	**HMX**	**2691-41-0**	**0.72**		**0.20**	**1**	**mg/kg**	**05/27/09**	**18:48**
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	05/27/09	18:48
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	05/27/09	18:48
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	05/27/09	18:48
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	05/27/09	18:48
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	05/27/09	18:48
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	05/27/09	18:48

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	70 %	30 - 130	1	05/27/09	18:48

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M-RR-269	Lab Sample ID:	905162-004-004-1/1
Sample Date/Time:	05/18/2009 09:45	Percent Moisture:	NA
Receipt Date/Time:	05/22/2009 11:13	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/26/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**14**		**0.10**	**1**	**mg/kg**	**05/27/09**	**19:13**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**4.5**		**0.10**	**1**	**mg/kg**	**05/27/09**	**19:13**
3)	**2,4,6-Trinitrotoluene**	**118-96-7**	**0.27**		**0.10**	**1**	**mg/kg**	**05/27/09**	**19:13**
4)	**2,4-Dinitrotoluene**	**121-14-2**	**8.5**		**0.10**	**1**	**mg/kg**	**05/27/09**	**19:13**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**1.1**		**0.10**	**1**	**mg/kg**	**05/27/09**	**19:13**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	05/27/09	19:13
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	05/27/09	19:13
8)	**HMX**	**2691-41-0**	**1.9**		**0.20**	**1**	**mg/kg**	**05/27/09**	**19:13**
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	05/27/09	19:13
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	05/27/09	19:13
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	05/27/09	19:13
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	05/27/09	19:13
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	05/27/09	19:13
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	05/27/09	19:13

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	69 %	30 - 130	1	05/27/09	19:13

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli[illegible] Sample ID:	200708M-RR-270	Lab Sample ID:	905162-005-005-1/1
Sample Date/Time:	05/18/2009 10:00	Percent Moisture:	NA
Receipt Date/Time:	05/22/2009 11:13	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/26/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**10**		**0.099**	**1**	**mg/kg**	**05/27/09**	**19:37**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**2.0**		**0.099**	**1**	**mg/kg**	**05/27/09**	**19:37**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.099	1	mg/kg	05/27/09	19:37
4)	**2,4-Dinitrotoluene**	**121-14-2**	**4.0**		**0.099**	**1**	**mg/kg**	**05/27/09**	**19:37**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.48**		**0.099**	**1**	**mg/kg**	**05/27/09**	**19:37**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.42**		**0.099**	**1**	**mg/kg**	**05/27/09**	**19:37**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.099	1	mg/kg	05/27/09	19:37
8)	**HMX**	**2691-41-0**	**0.45**		**0.20**	**1**	**mg/kg**	**05/27/09**	**19:37**
9)	Nitrobenzene	98-95-3	BQL	U	0.099	1	mg/kg	05/27/09	19:37
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	05/27/09	19:37
11)	[illegible]tryl	479-45-8	BQL	U	0.20	1	mg/kg	05/27/09	19:37
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	05/27/09	19:37
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	05/27/09	19:37
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	05/27/09	19:37

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	53 %	30 - 130	1	05/27/09	19:37

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M-RR-271	Lab Sample ID:	905162-006-006-1/1
Sample Date/Time:	05/18/2009 10:15	Percent Moisture:	NA
Receipt Date/Time:	05/22/2009 11:13	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/26/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**17**		**0.10**	**1**	**mg/kg**	**05/27/09**	**20:02**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**3.6**		**0.10**	**1**	**mg/kg**	**05/27/09**	**20:02**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	05/27/09	20:02
4)	**2,4-Dinitrotoluene**	**121-14-2**	**8.2**		**0.10**	**1**	**mg/kg**	**05/27/09**	**20:02**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**1.2**		**0.10**	**1**	**mg/kg**	**05/27/09**	**20:02**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.56**		**0.10**	**1**	**mg/kg**	**05/27/09**	**20:02**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	05/27/09	20:02
8)	**HMX**	**2691-41-0**	**1.1**		**0.20**	**1**	**mg/kg**	**05/27/09**	**20:02**
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	05/27/09	20:02
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	05/27/09	20:02
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	05/27/09	20:02
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	05/27/09	20:02
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	05/27/09	20:02
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	05/27/09	20:02

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	44 %	30 - 130	1	05/27/09	20:02

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli[illegible] Sample ID:	200708M-RR-272	Lab Sample ID:	905162-007-007-1/1
Sample Date/Time:	05/18/2009 10:30	Percent Moisture:	NA
Receipt Date/Time:	05/22/2009 11:13	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/26/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**7.7**		**0.10**	**1**	**mg/kg**	**05/27/09**	**20:51**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**2.0**		**0.10**	**1**	**mg/kg**	**05/27/09**	**20:51**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	05/27/09	20:51
4)	**2,4-Dinitrotoluene**	**121-14-2**	**4.7**		**0.10**	**1**	**mg/kg**	**05/27/09**	**20:51**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.46**		**0.10**	**1**	**mg/kg**	**05/27/09**	**20:51**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	05/27/09	20:51
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	05/27/09	20:51
8)	**HMX**	**2691-41-0**	**1.2**		**0.20**	**1**	**mg/kg**	**05/27/09**	**20:51**
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	05/27/09	20:51
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	05/27/09	20:51
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	05/27/09	20:51
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	05/27/09	20:51
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	05/27/09	20:51
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	05/27/09	20:51

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	102 %	30 - 130	1	05/27/09	20:51

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M-RR-273	Lab Sample ID:	905162-008-008-1/1
Sample Date/Time:	05/19/2009 11:00	Percent Moisture:	NA
Receipt Date/Time:	05/22/2009 11:13	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/26/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**1.3**		**0.099**	**1**	**mg/kg**	**05/27/09**	**21:16**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**0.88**		**0.099**	**1**	**mg/kg**	**05/27/09**	**21:16**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.099	1	mg/kg	05/27/09	21:16
4)	**2,4-Dinitrotoluene**	**121-14-2**	**2.1**		**0.099**	**1**	**mg/kg**	**05/27/09**	**21:16**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.30**		**0.099**	**1**	**mg/kg**	**05/27/09**	**21:16**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.099	1	mg/kg	05/27/09	21:16
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.099	1	mg/kg	05/27/09	21:16
8)	HMX	2691-41-0	0.14	J	0.20	1	mg/kg	05/27/09	21:16
9)	Nitrobenzene	98-95-3	BQL	U	0.099	1	mg/kg	05/27/09	21:16
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	05/27/09	21:16
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	05/27/09	21:16
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	05/27/09	21:16
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	05/27/09	21:16
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	05/27/09	21:16

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	102 %	30 - 130	1	05/27/09	21:16

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M-RR-274	Lab Sample ID:	905162-009-009-1/1
Sample Date/Time:	05/19/2009 11:15	Percent Moisture:	NA
Receipt Date/Time:	05/22/2009 11:13	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/26/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**0.88**		**0.099**	**1**	**mg/kg**	**05/27/09**	**21:40**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**0.41**		**0.099**	**1**	**mg/kg**	**05/27/09**	**21:40**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.099	1	mg/kg	05/27/09	21:40
4)	**2,4-Dinitrotoluene**	**121-14-2**	**1.3**		**0.099**	**1**	**mg/kg**	**05/27/09**	**21:40**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.26**		**0.099**	**1**	**mg/kg**	**05/27/09**	**21:40**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.27**		**0.099**	**1**	**mg/kg**	**05/27/09**	**21:40**
7)	**4-Amino-2,6-Dinitrotoluene**	**19406-51-0**	**0.25**		**0.099**	**1**	**mg/kg**	**05/27/09**	**21:40**
8)	HMX	2691-41-0	0.12	J	0.20	1	mg/kg	05/27/09	21:40
9)	Nitrobenzene	98-95-3	BQL	U	0.099	1	mg/kg	05/27/09	21:40
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	05/27/09	21:40
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	05/27/09	21:40
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	05/27/09	21:40
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	05/27/09	21:40
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	05/27/09	21:40

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	95 %	30 - 130	1	05/27/09	21:40

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl Sample ID:	200708M-RR-275	Lab Sample ID:	905162-010-010-1/1
Sample Date/Time:	05/19/2009 11:30	Percent Moisture:	NA
Receipt Date/Time:	05/22/2009 11:13	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/26/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**2.2**		**0.10**	**1**	**mg/kg**	**05/27/09**	**22:05**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	05/27/09	22:05
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	05/27/09	22:05
4)	**2,4-Dinitrotoluene**	**121-14-2**	**9.8**		**0.10**	**1**	**mg/kg**	**05/27/09**	**22:05**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**1.0**		**0.10**	**1**	**mg/kg**	**05/27/09**	**22:05**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	05/27/09	22:05
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	05/27/09	22:05
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	05/27/09	22:05
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	05/27/09	22:05
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	05/27/09	22:05
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	05/27/09	22:05
12)	Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	05/27/09	22:05
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	05/27/09	22:05
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	05/27/09	22:05

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	101 %	30 - 130	1	05/27/09	22:05

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli[illegible] Sample ID:	200708M-RR-276	Lab Sample ID:	905162-011-011-1/1
Sample Date/Time:	05/19/2009 11:45	Percent Moisture:	NA
Receipt Date/Time:	05/22/2009 11:13	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/26/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**12**		**0.10**	**1**	**mg/kg**	**05/27/09**	**22:29**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**5.4**		**0.10**	**1**	**mg/kg**	**05/27/09**	**22:29**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	05/27/09	22:29
4)	**2,4-Dinitrotoluene**	**121-14-2**	**14**		**0.10**	**1**	**mg/kg**	**05/27/09**	**22:29**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**1.9**		**0.10**	**1**	**mg/kg**	**05/27/09**	**22:29**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**2.3**		**0.10**	**1**	**mg/kg**	**05/27/09**	**22:29**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	05/27/09	22:29
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	05/27/09	22:29
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	05/27/09	22:29
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	05/27/09	22:29
11)	[illegible]tryl	479-45-8	BQL	U	0.20	1	mg/kg	05/27/09	22:29
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	05/27/09	22:29
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	05/27/09	22:29
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	05/27/09	22:29

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	101 %	30 - 130	1	05/27/09	22:29

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl[illegible] Sample ID:	200708M-RR-277	Lab Sample ID:	905162-012-012-1/1
Sample Date/Time:	05/19/2009 12:00	Percent Moisture:	NA
Receipt Date/Time:	05/22/2009 11:13	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/26/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**1.2**		**0.10**	**1**	**mg/kg**	**05/27/09**	**22:54**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	05/27/09	22:54
3)	**2,4,6-Trinitrotoluene**	**118-96-7**	**1.5**		**0.10**	**1**	**mg/kg**	**05/27/09**	**22:54**
4)	**2,4-Dinitrotoluene**	**121-14-2**	**1.5**		**0.10**	**1**	**mg/kg**	**05/27/09**	**22:54**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.26**		**0.10**	**1**	**mg/kg**	**05/27/09**	**22:54**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.68**		**0.10**	**1**	**mg/kg**	**05/27/09**	**22:54**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	05/27/09	22:54
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	05/27/09	22:54
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	05/27/09	22:54
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	05/27/09	22:54
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	05/27/09	22:54
12)	[illegible]-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	05/27/09	22:54
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	05/27/09	22:54
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	05/27/09	22:54

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	**4-Nitroaniline**	**100-01-6**	**266 %**	**30 - 130**	**1**	**05/27/09**	**22:54**

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli. Sample ID:	200708M-RR-278	Lab Sample ID:	905162-013-013-1/1
Sample Date/Time:	05/19/2009 12:15	Percent Moisture:	NA
Receipt Date/Time:	05/22/2009 11:13	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/26/2009 00:00	Analytical Method:	SW8330

# Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	05/27/09	23:18
2) 1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	05/27/09	23:18
3) 2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	05/27/09	23:18
4) 2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	05/27/09	23:18
5) 2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	05/27/09	23:18
6) 2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	05/27/09	23:18
7) 4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	05/27/09	23:18
8) HMX	2691-41-0	BQL	U	0.20	1	mg/kg	05/27/09	23:18
9) Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	05/27/09	23:18
10) RDX	121-82-4	BQL	U	0.20	1	mg/kg	05/27/09	23:18
11) Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	05/27/09	23:18
12) m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	05/27/09	23:18
13) o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	05/27/09	23:18
14) p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	05/27/09	23:18

# Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	100-01-6	104 %	30 - 130	1	05/27/09	23:18

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-279	Lab Sample ID:	905162-014-014-1/1
Sample Date/Time:	05/19/2009 12:30	Percent Moisture:	NA
Receipt Date/Time:	05/22/2009 11:13	Preparation Method:	EXT_SW8330
Prepared Date/Time:	05/26/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**16**		**0.10**	**1**	**mg/kg**	**05/27/09**	**23:43**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	05/27/09	23:43
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	05/27/09	23:43
4)	**2,4-Dinitrotoluene**	**121-14-2**	**7.8**		**0.10**	**1**	**mg/kg**	**05/27/09**	**23:43**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.52**		**0.10**	**1**	**mg/kg**	**05/27/09**	**23:43**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	05/27/09	23:43
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	05/27/09	23:43
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	05/27/09	23:43
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	05/27/09	23:43
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	05/27/09	23:43
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	05/27/09	23:43
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	05/27/09	23:43
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	05/27/09	23:43
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	05/27/09	23:43

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	122 %	30 - 130	1	05/27/09	23:43

Qualifier Definitions

McTech Corp.

Work Order: 905162

All Departments

U Indicates that the compound was analyzed for but not detected

BQL Below Quantitation Limit

Organics

B Indicates that the analyte was found in the associated blank as well as in the sample

D Indicates that the analyte was reported from a diluted analysis

E Indicates that the concentration detected exceeded the calibration range of the instrument

J Value is less than the reporting limit but greater than the MDL

P Indicates that there is greater than 25% difference for detected pesticide/Arochlor results between the two GC columns

Metals

' Indicates that the reported value was less than the reporting limit but greater than or equal to the IDL/MDL

E Indicates that the reported value is estimated because of the possible presence of interference (i.e. the serial dilution not within control limits)

H Indicates that the element was found in the associated blank as well as in the sample and the value is greater than or equal to the reporting limit

D Indicates that the analyte was reported from a diluted analysis

N Spiked sample recovery not within control limits

* Duplicate analysis not within control limits

GPL LABORATORIES, LLLP

32.04 Corporate Court
Frederick, MD 21703
(301) 694-5310
Fax (301) 620-0731

Contract #/Billing Reference

1 of 2 Pgs.

Project: 2007-08M PREUP Residual Risk
Client: McTech Corp
Send Results To: Kim Chambers
Address: 240 Olive St
St Albans WV 25177
Phone: 304-215-0579

Turnaround Time: Standard
# of Containers: 1/sample
Container Type: G
Preservative Used: 4°C
Type of Analysis: TOTAL HYDROCARBONS 8100

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	TOTAL HYDROCARBONS 8100	Lab Cooler No.	CLIENT COMMENTS
2007-08M-RR-206	5-18-09	0900	Soil	JR	✓		
2007-08M-RR-207	5-18-09	0910	"	JR	✓		
2007-08M-RR-208	5-18-09	0920	"	JR	✓		
2007-08M-RR-209	5-18-09	0945	"	JR	✓		
2007-08M-RR-210	5-18-09	10:00	"	JR	✓		
2007-08M-RR-211	5-18-09	10:15	"	JR	✓		
2007-08M-RR-212	5-18-09	10:30	"	JR	✓		
2007-08M-RR-213	5-19-09	1100	"	JR	✓		
2007-08M-RR-214	5-19-09	1115	"	JR	✓		
2007-08M-RR-215	5-19-09	1130	"	JR	✓		
2007-08M-RR-216	5-19-09	1145	"	JR	✓		
2007-08M-RR-217	5-19-09	1200	"	JR	✓		

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
[signature]	5/21/09 1500			Pat Magyar	5/22/09 10:00

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No:
			5/21/09 1500	FEDEX	8682-8674 6044 ~~8682-8674~~

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:
				4°

G.P. W.O. 905162

GPL Laboratories, LLLP
7210A Corporate CT, Frederick, MD 21703
Tel. (301)694-5310 Fax (301)620-0731

GPL LABORATORIES, LLLP

7210A Corporate Court
Frederick, MD 21703
(301) 694-5310
Fax (301) 620-0731

Contract/Billing Reference

2 of 2 Pgs.

Project: 20070BM PRWP Residual Risk
Client: McTech Corp
Send Results To: Kim Chambers
Address: 240 Oliver St.
St. Albans WV 25177
Phone: 304-215-0099

Sample ID	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Total Metals	Lab Cooler No.	CLIENT COMMENTS
20070BM-BR-278	5-19-09	1215	Soil	JR			
20070BM-BR-279	5-19-09	1230	"	JR			

Turnaround Time: Standard
# of Containers: 1 each
Container Type: G
Preservative Used: 4°C
Type of Analysis: Total Metals

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
Deryl Owens	5/21/09 1530			Pat Murphy	5/22/09 10:00

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Air Bill No.:
			5/21/09 1530	FedEx	8682 8674 6044

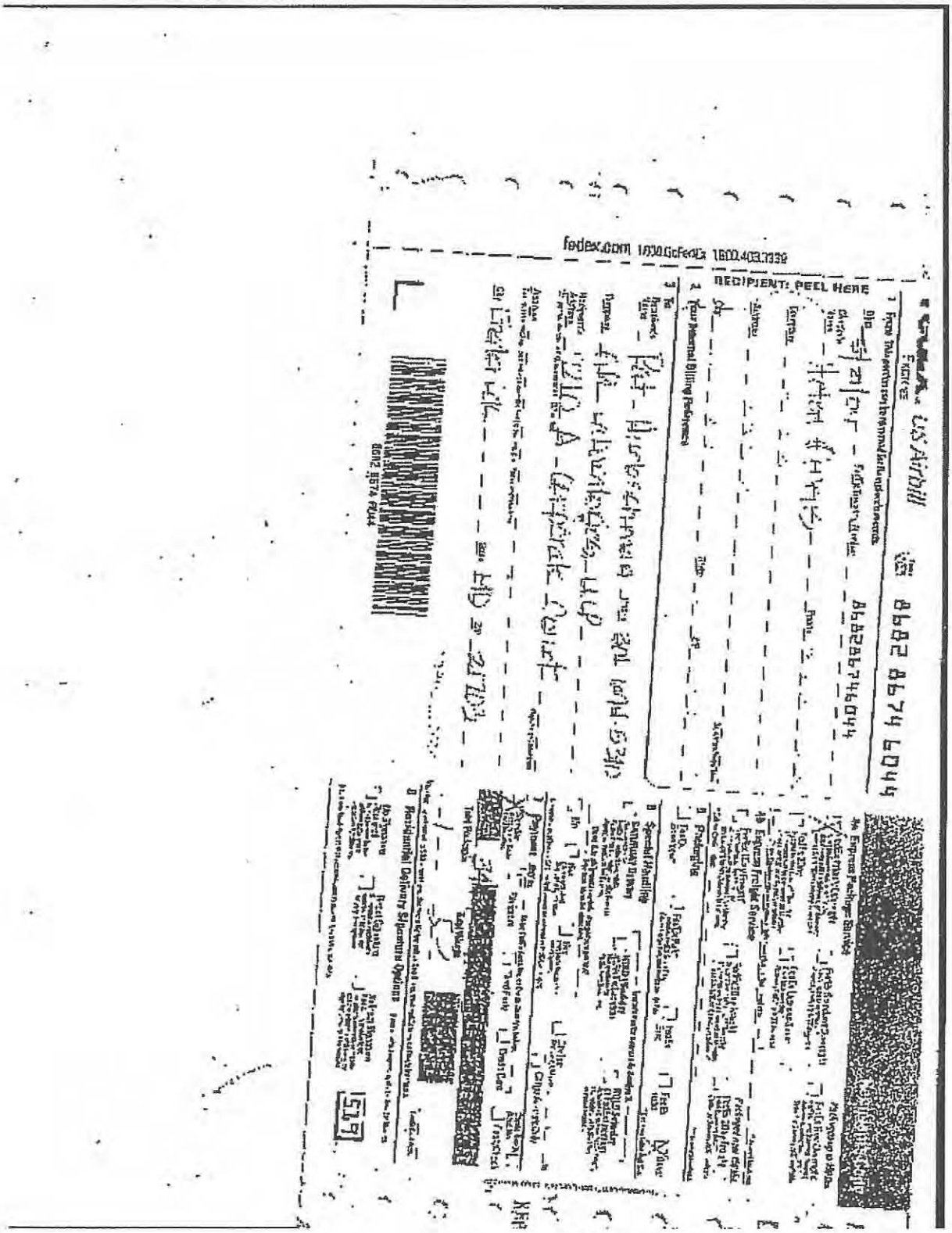
Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:
				4°

G.P. W.O. 905162

Chain of Custody

McTech Corp.

SDG: 905162



GPL Laboratories, LLLP

SAMPLE RECEIPT CHECKLIST

W.O. No: 905162

Client Name: McTech Corp

Date Received: 5-22-09

Time Received: 10:00

Received By: PaV

Carrier Name: Fed ex

Prepared (Logged In) By: PM 5-22-09

Project: _____

Site: _____

VOA Holding Blank ID No: _____

	YES	NO
Airbill/Manifest Present?	✓	
No: 8682 8674 6044		
Shipping Container in Good Condition?	✓	
Custody Seals Present on Shipping Container?	✓	
Condition: Good ✓ Broken		
Chain of Custody Present?	✓	
Chain of Custody Agrees with Sample Labels?	✓	
Chain of Custody Signed?	✓	
Packing Present in Shipping Container?	✓	
Type of Packing bubble wrap		
Custody Seals on Sample Bottles?	✓	
Condition: Good ✓ Broken		
Total Number of Sample Bottles 14	✓	
Total Number of Samples 14	✓	
Samples Intact?	✓	
Sufficient Sample Volume for Indicated Test?	✓	

	YES	NO
Trip Blanks Received?		✓
No. of Sets _____		
VOA Vials Have Zero Headspace?		✓
Preservatives Added to Sample?		✓
pH Check Required?		✓
Performed By _____		
Ice Present in Shipping Container?	✓	

Container #	Temperature
1	4°
	PM

Project Manager Contacted?

Name: Pat

Date Contacted: 5-22-09

Any NO response must be detailed in the comments section below. If items are not applicable to particular samples or contracts, they should be marked N/A.

COMMENTS: _____

Checklist Completed By: Pat

Date: 5-22-09

EXPLOSIVES
QC

GPL Laboratories

Surrogate Recovery Summary

Matrix : SOIL Analytical Method : SW8330 SDG No : 905162

Surrogate	NO2ANIL4
Lower QC Limits	30
Upper QC Limits	130
Sample ID	
200708M-RR-266	92
200708M-RR-266MS	103
200708M-RR-266MSD	111
200708M-RR-267	113
200708M-RR-268	70
200708M-RR-269	69
200708M-RR-270	53
200708M-RR-271	44
200708M-RR-272	102
200708M-RR-273	102
200708M-RR-274	95
200708M-RR-275	101
200708M-RR-276	101
200708M-RR-277	266 *
200708M-RR-278	104
200708M-RR-279	122
BKS109955	103
BLK109955	101

* Value outside of QC Limts

NO2ANIL4 = 4-Nitroaniline

GPL Laboratories

LCS SUMMARY

SAMPLE NO
BKS109955

Lab Name : GPL Laboratories
Lab Code : GPL
Matrix : SOIL
Method : SW8330

Contract. : Plum Brook
SDG NO : 905162
Lab Sample ID : BKS109955
Analysis Date : 05/27/2009

COMPOUND	SPIKE ADDED (mg/kg)	BLANK CONCENTRATION (mg/kg)	LCS CONCENTRATION (mg/kg)	LCS % REC	QC LIMTS
1,3,5-Trinitrobenzene	2.5	0	2.5	100	75-125
1,3-Dinitrobenzene	2.5	0	2.4	96	80-125
2,4,6-Trinitrotoluene	2.5	0	2.8	112	55-140
2,4-Dinitrotoluene	2.5	0	2.5	100	80-125
2,6-Dinitrotoluene	2.5	0	2.2	88	80-120
2-Amino-4,6-Dinitrotoluene	2.5	0	2.5	100	80-125
4-Amino-2,6-Dinitrotoluene	2.5	0	2.2	88	80-125
HMX	2.5	0	2.6	104	75-125
Nitrobenzene	2.5	0	2.3	92	75-125
RDX	2.5	0	2.4	96	70-135
Tetryl	2.5	0	1.7	68	10-150
m-Nitrotoluene	2.5	0	2.3	92	75-120
o-Nitrotoluene	2.5	0	2.4	96	80-125
p-Nitrotoluene	2.5	0	2.4	96	75-125

* Values Outside of QC Limits.

Spike recovery : 0 out of 14 outside limits

GPL Laboratories

MS/MSD RECOVERY

SAMPLE NO
200708M-RR-266MSD

Lab Name : GPL Laboratories SDG NO : 905162 Method : SW8330

Lab Code : GPL Lab Sample ID : 905162-001-001-1/1MSD Matrix : SOIL Analysis Date : 05/27/2009

Compound	Spike Added (mg/kg)		CONCENTRATION (mg/kg)			%RECOVERY		% RPD	RPD Limit	QC Limits
	MS	MSD	Sample	MS	MSD	MS	MSD			
1,3,5-Trinitrobenzene	2.5	2.5	2.5	4.8	5.0	92	100	8	25	65-135
1,3-Dinitrobenzene	2.5	2.5	0.46	2.6	2.9	86	98	13	25	70-135
2,4,6-Trinitrotoluene	2.5	2.5	0.0	2.6	2.8	104	112	7	25	45-145
2,4-Dinitrotoluene	2.5	2.5	1.5	4.1	4.0	100	104	4	25	75-130
2,6-Dinitrotoluene	2.5	2.5	0.0	2.2	2.1	88	84	5	25	70-130
2-Amino-4,6-Dinitrotoluene	2.5	2.5	0.0	3.1	3.0	124	120	3	25	75-130
4-Amino-2,6-Dinitrotoluene	2.5	2.5	0.0	3.0	3.1	120	124	3	25	75-130
HMX	2.5	2.5	0.81	3.3	3.3	100	100	0	25	65-135
Nitrobenzene	2.5	2.5	0.0	2.3	2.4	92	96	4	25	70-130
RDX	2.5	2.5	0.0	2.3	2.4	92	96	4	25	65-145
Tetryl	2.5	2.5	0.0	1.6	1.9	64	76	17	25	10-150
m-Nitrotoluene	2.5	2.5	0.0	2.5	2.5	100	100	0	25	70-130
o-Nitrotoluene	2.5	2.5	0.0	2.4	2.4	96	96	0	25	70-130
p-Nitrotoluene	2.5	2.5	0.0	2.4	2.3	96	92	4	25	70-135

Column to be used to flag recovery and RPD Values with an asterisk.

* Values Outside of QC Limits.

RPD 0 Out of 14 Outside Limit
Spike Recovery : 0 Out of 28 outside limit

GPL Laboratories

GPL
FORM 4
EXPLOSIVE METHOD BLANK SUMMARY

SAMPLE NO
BLK109955

Lab Name :	GPL Laboratories	Client. :	McTech Corp.
Lab Code :	GPL	SAS NO. :	109955
Lab File ID :	LCA31489.D	SDG NO :	905162
Date Analyzed	05/27/2009	Lab Sample ID :	BLK109955
Date Extracted :	05/26/2009	Time Analyzed :	16:21
Matrix :(Soil/Water).	SOIL	Level :(Low/Med)	

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS AND MSD :

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed
BKS109955	BKS109955	LCA31490.D	05/27/2009
200708M-RR-266MS	905162-001-001-1/1MS	LCA31491.D	05/27/2009
200708M-RR-266MSD	905162-001-001-1/1MSD	LCA31492.D	05/27/2009
200708M-RR-266	905162-001-001-1/1	LCA31493.D	05/27/2009
200708M-RR-267	905162-002-002-1/1	LCA31494.D	05/27/2009
200708M-RR-268	905162-003-003-1/1	LCA31495.D	05/27/2009
200708M-RR-269	905162-004-004-1/1	LCA31496.D	05/27/2009
200708M-RR-270	905162-005-005-1/1	LCA31497.D	05/27/2009
200708M-RR-271	905162-006-006-1/1	LCA31498.D	05/27/2009
200708M-RR-272	905162-007-007-1/1	LCA31500.D	05/27/2009
200708M-RR-273	905162-008-008-1/1	LCA31501.D	05/27/2009
200708M-RR-274	905162-009-009-1/1	LCA31502.D	05/27/2009
200708M-RR-275	905162-010-010-1/1	LCA31503.D	05/27/2009
200708M-RR-276	905162-011-011-1/1	LCA31504.D	05/27/2009
200708M-RR-277	905162-012-012-1/1	LCA31505.D	05/27/2009
200708M-RR-278	905162-013-013-1/1	LCA31506.D	05/27/2009
200708M-RR-279	905162-014-014-1/1	LCA31507.D	05/27/2009

Response Factor Report LCA

Method : H:\LCDATA\LCA\METHODS\9319P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Fri Mar 20 08:15:38 2009

Calibration Files
LEV1 =LCA30907.D LEV2 =LCA30908.D LEV3 =LCA30909.D
LEV4 =LCA30910.D LEV5 =LCA30911.D LEV6 =LCA30912.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	LEV6	Avg		%RSD
1)	T	HMX	2.412	2.473	2.688	2.414	2.366	2.320	2.445	E4	5.30
2)	S	4-Nitroaniline	2.556	2.615	2.785	2.369	2.548	2.470	2.557	E4	5.49
3)	M	RDX	3.239	3.368	3.622	3.090	3.214	3.147	3.280	E4	5.86
4)	T	1,3,5-Trinitrobenze	7.869	7.706	8.164	7.002	7.194	6.928	7.477	E4	6.78
5)	M	1,3-Dinitrobenzene	1.056	1.074	1.178	1.007	1.036	1.020	1.062	E5	5.82
6)	M	3,5-Dinitroaniline	8.326	8.621	9.713	7.632	7.974	7.826	8.349	E4	9.06
7)	M	Nitrobenzene	7.516	6.826	7.411	6.438	6.502	6.411	6.851	E4	7.28
8)	T	Tetryl	5.596	5.443	5.914	4.939	5.132	4.768	5.299	E4	8.12
9)	T	2,4,6-Trinitrotolue	7.312	7.784	8.207	6.866	7.211	7.039	7.403	E4	6.77
10)	M	2-Amino-4,6-Dinitro	7.381	7.309	7.675	6.442	6.742	6.590	7.023	E4	7.09
11)	T	4-Amino-2,6-Dinitro	5.755	5.025	5.339	4.414	4.656	4.523	4.952	E4	10.54
12)	M	2,4-Dinitrotoluene	0.990	1.021	1.096	0.931	0.959	0.942	0.990	E5	6.23
13)	T	2,6-Dinitrotoluene	5.149	5.623	5.821	4.931	5.101	5.012	5.273	E4	6.85
14)	M	2-Nitrotoluene	4.550	4.288	4.716	4.049	4.140	4.094	4.306	E4	6.29
15)	T	4-Nitrotoluene	3.621	3.591	3.969	3.444	3.486	3.448	3.593	E4	5.52
16)	M	3-Nitrotoluene	4.717	4.715	5.100	4.381	4.422	4.387	4.620	E4	6.12
[illegible])	M	Nitroglycerine	4.381	3.217	3.444	3.433	3.391	3.355	3.537	E5	11.92
18)	M	PETN							0.000	0	-1.00

(= Out of Range ### Number of calibration levels exceeded format ###

Continuing Calibration Report LCA

Method : H:\LCDATA\LCA\METHODS\9319P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Fri Mar 20 09:44:23 2009
Response via : Initial Calibration

Continuing Calibration File: LCA30913.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	24.455	26.173	E3	-7.0	97
2	S	4-Nitroaniline	25.573	47.553	E3	-85.9#	171#
3	M	RDX	32.800	30.702	E3	6.4	85
4	T	1,3,5-Trinitrobenzene	74.772	71.234	E3	4.7	174#
5	M	1,3-Dinitrobenzene	106.161	95.703	E3	9.9	163#
6	M	3,5-Dinitroaniline	83.488	77.994	E3	6.6	401#
7	M	Nitrobenzene	68.506	60.202	E3	12.1	162#
8	T	Tetryl	52.987	41.095	E3	22.4#	69
9	T	2,4,6-Trinitrotoluene	74.031	71.129	E3	3.9	173#
10	M	2-Amino-4,6-Dinitrotoluene	70.230	62.385	E3	11.2	163#
11	T	4-Amino-2,6-Dinitrotoluene	49.523	43.890	E3	11.4	164#
12	M	2,4-Dinitrotoluene	98.981	89.085	E3	10.0	163#
13	T	2,6-Dinitrotoluene	52.727	48.161	E3	8.7	165#
14	M	2-Nitrotoluene	43.062	38.064	E3	11.6	81
15	T	4-Nitrotoluene	35.932	31.292	E3	12.9	79
16	M	3-Nitrotoluene	46.205	40.508	E3	12.3	79
17	M	Nitroglycerine	353.670	300.701	E3	15.0	87
18	M	PETN	0.000	0.000		0.0	0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

8330 Compounds Method Reporting Limits Standard

LEVEL-1

Date: 3/19/09

GP ID:LCA30905/914

Compound	STD Amount	MRL Conc.	MRL % REC	QC Limits
4-Nitroaniline	20	20.3	101.5	70-130
HMX	20	19.68	98.4	70-130
RDX	20	19.39	97.0	70-130
1,3,5-Trinitrobenzene	10	10.65	106.5	70-130
1,3-Dinitrobenzene	10	10.14	101.4	70-130
3,5-Dinitroanoline	20	20.45	102.3	70-130
Nitrobenzene	10	11.01	110.1	70-130
Tetryl	20	22.57	112.85	70-130
2,4,6-Trinitrotoluene	10	9.89	98.9	70-130
2-Amino-4,6-Dinitrotoluene	10	9.37	93.7	70-130
4-Amino-2,6-Dinitrotoluene	10	8.95	89.5	70-130
2,4-Dinitrotoluene	10	10.53	105.3	70-130
2,6-Dinitrotoluene	10	9.16	91.6	70-130
2-Nitrotoluene	20	20.55	102.75	70-130
4-Nitrotoluene	20	19.94	99.7	70-130
3-Nitrotoluene	20	20.13	100.65	70-130
Nitroglycerine	0.5	0.43	86	*70-130*
PETN	5	0.00	0.0	70-130

Values in ng/ml except for Nitroglycerine(in ug/ml)

Continuing Calibration Report LCA

Method : H:\LCDATA\LCA\METHODS\9319P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu May 28 11:11:11 2009
Response via : Initial Calibration

Continuing Calibration File: LCA31488.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	24.455	25.923	E3	-6.0	107
2	S	4-Nitroaniline	25.573	27.519	E3	-7.6	116
3	M	RDX	32.800	35.946	E3	-9.6	116
4	T	1,3,5-Trinitrobenzene	74.772	81.162	E3	-8.5	116
5	M	1,3-Dinitrobenzene	106.161	116.515	E3	-9.8	116
6	M	3,5-Dinitroaniline	83.488	83.227	E3	0.3	109
7	M	Nitrobenzene	68.506	73.223	E3	-6.9	114
8	T	Tetryl	52.987	56.337	E3	-6.3	114
9	T	2,4,6-Trinitrotoluene	74.031	80.444	E3	-8.7	117
10	M	2-Amino-4,6-Dinitrotoluene	70.230	82.823	E3	-17.9	129
11	T	4-Amino-2,6-Dinitrotoluene	49.523	43.040	E3	13.1	98
12	M	2,4-Dinitrotoluene	98.981	115.296	E3	-16.5	124
13	T	2,6-Dinitrotoluene	52.727	49.844	E3	5.5	101
14	M	2-Nitrotoluene	43.062	47.076	E3	-9.3	116
15	T	4-Nitrotoluene	35.932	39.489	E3	-9.9	115
16	M	3-Nitrotoluene	46.205	49.916	E3	-8.0	114
17	M	Nitroglycerine	353.670	356.400	E3	-0.8	104
18	M	PETN	0.000	0.000		0.0	0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LCA31488.D 9319P833.M Thu May 28 11:11:34 2009

Continuing Calibration Report LCA

Method : H:\LCDATA\LCA\METHODS\9319P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu May 28 11:49:32 2009
Response via : Initial Calibration

Continuing Calibration File: LCA31499.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	24.455	26.866	E3	-9.9	111
2	S	4-Nitroaniline	25.573	26.117	E3	-2.1	110
3	M	RDX	32.800	35.231	E3	-7.4	114
4	T	1,3,5-Trinitrobenzene	74.772	78.643	E3	-5.2	112
5	M	1,3-Dinitrobenzene	106.161	115.150	E3	-8.5	114
6	M	3,5-Dinitroaniline	83.488	82.763	E3	0.9	108
7	M	Nitrobenzene	68.506	73.385	E3	-7.1	114
8	T	Tetryl	52.987	56.221	E3	-6.1	114
9	T	2,4,6-Trinitrotoluene	74.031	79.161	E3	-6.9	115
10	M	2-Amino-4,6-Dinitrotoluene	70.230	77.631	E3	-10.5	121
11	T	4-Amino-2,6-Dinitrotoluene	49.523	46.993	E3	5.1	106
12	M	2,4-Dinitrotoluene	98.981	109.216	E3	-10.3	117
13	T	2,6-Dinitrotoluene	52.727	53.526	E3	-1.5	109
14	M	2-Nitrotoluene	43.062	46.427	E3	-7.8	115
15	T	4-Nitrotoluene	35.932	39.409	E3	-9.7	114
16	M	3-Nitrotoluene	46.205	49.553	E3	-7.2	113
17	M	Nitroglycerine	353.670	356.400	E3	-0.8	104
18	M	PETN	0.000	0.000		0.0	0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LCA31499.D 9319P833.M Thu May 28 11:49:45 2009 Page 1

Continuing Calibration Report LCA

Method : H:\LCDATA\LCA\METHODS\9319P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu May 28 12:09:54 2009
Response via : Initial Calibration

Continuing Calibration File: LCA31508.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	24.455	27.442	E3	-12.2	114
2	S	4-Nitroaniline	25.573	28.519	E3	-11.5	120
3	M	RDX	32.800	38.272	E3	-16.7	124
4	T	1,3,5-Trinitrobenzene	74.772	82.560	E3	-10.4	118
5	M	1,3-Dinitrobenzene	106.161	121.834	E3	-14.8	121
6	M	3,5-Dinitroaniline	83.488	87.621	E3	-5.0	115
7	M	Nitrobenzene	68.506	75.259	E3	-9.9	117
8	T	Tetryl	52.987	58.231	E3	-9.9	118
9	T	2,4,6-Trinitrotoluene	74.031	83.872	E3	-13.3	122
10	M	2-Amino-4,6-Dinitrotoluene	70.230	82.152	E3	-17.0	128
11	T	4-Amino-2,6-Dinitrotoluene	49.523	50.114	E3	-1.2	114
12	M	2,4-Dinitrotoluene	98.981	115.603	E3	-16.8	124
13	T	2,6-Dinitrotoluene	52.727	57.051	E3	-8.2	116
14	M	2-Nitrotoluene	43.062	48.120	E3	-11.7	119
15	T	4-Nitrotoluene	35.932	41.211	E3	-14.7	120
16	M	3-Nitrotoluene	46.205	51.264	E3	-11.0	117
17	M	Nitroglycerine	353.670	356.400	E3	-0.8	104
18	M	PETN	0.000	0.000		0.0	0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Response Factor Report LCD

Method : H:\LCDATA\LCD\METHODS\9507C883.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Fri May 08 12:49:25 2009

Calibration Files
LEV1 =LCD47799.D LEV2 =LCD47792.D LEV3 =LCD47793.D
LEV4 =LCD47794.D LEV5 =LCD47795.D LEV6 =LCD47796.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	LEV6	Avg		%RSD
1)	T	HMX	5.829	5.311	5.267	5.273	5.325	5.125	5.355	E4	4.53
2)	S	4-Nitroaniline	5.544	7.291	5.357	5.413	5.443	5.203	5.709	E4	13.72
3)	T	1,3,5-Trinitrobenze	1.465	1.545	1.508	1.498	1.504	1.441	1.494	E5	2.43
4)	T	Tetryl	1.071	1.074	1.062	1.036	1.045	0.999	1.048	E5	2.66
5)	T	2,4,6-Trinitrotolue	1.420	1.477	1.431	1.421	1.427	1.372	1.424	E5	2.35
6)	T	4-Amino-2,6-Dinitro	2.365	2.474	2.460	2.448	2.469	2.367	2.431	E5	2.08
7)	T	2,6-Dinitrotoluene	1.022	1.140	1.045	1.021	1.032	0.989	1.041	E5	4.97
8)	T	4-Nitrotoluene	7.575	7.752	7.630	7.644	7.706	7.412	7.620	E4	1.56
9)	M	RDX	6.857	6.949	6.959	6.963	7.046	6.761	6.923	E4	1.43
10)	M	1,3-Dinitrobenzene	2.065	2.180	2.176	2.170	2.185	2.096	2.146	E5	2.40
11)	M	Nitrobenzene	1.371	1.383	1.355	1.368	1.386	1.340	1.367	E5	1.27
12)	M	2-Amino-4,6-Dinitro	2.345	2.474	2.460	2.448	2.469	2.367	2.427	E5	2.32
13)	M	2,4-Dinitrotoluene	2.024	2.015	2.035	2.026	2.041	1.953	2.016	E5	1.60
14)	M	2-Nitrotoluene	8.090	9.049	8.894	8.955	9.034	8.708	8.788	E4	4.14
15)	M	3-Nitrotoluene	9.361	9.707	9.564	9.552	9.676	9.318	9.530	E4	1.68
16)	M	Nitroglycerine	7.177	6.418	7.065	7.013	7.151	7.091	6.986	E5	4.07
17)	M	3,5-Dinitroaniline	1.695	1.667	1.669	1.670	1.672	1.663	1.672	E5	0.68
18)		PETN							0.000	0	-1.00

(#) = Out of Range ### Number of calibration levels exceeded format ###

8330 Compounds Method Reporting Limits Standard

LEVEL-1

Date: 5/7/2009

GP ID:D47811/47809

Compound	STD Amount	MRL Conc.	MRL % REC	QC Limits
4-Nitroaniline	20	26.37	131.85	70-130
HMX	20	19.18	95.9	70-130
RDX	20	11.12	55.6	70-130
1,3,5-Trinitrobenzene	10	11.12	111.2	70-130
1,3-Dinitrobenzene	10	10.05	100.5	70-130
3,5-Dinitroanoline	20	19.78	98.9	70-130
Nitrobenzene	10	9.71	97.1	70-130
Tetryl	20	20.69	103.45	70-130
2,4,6-Trinitrotoluene	10	9.9	99	70-130
2-Amino-4,6-Dinitrotoluene	10	10.36	103.6	70-130
4-Amino-2,6-Dinitrotoluene	10	10.8	108	70-130
2,4-Dinitrotoluene	10	10.91	109.1	70-130
2,6-Dinitrotoluene	10	13.76	137.6	70-130
2-Nitrotoluene	20	21.41	107.05	70-130
4-Nitrotoluene	20	19.01	95.05	70-130
3-Nitrotoluene	20	19.74	98.7	70-130
Nitroglycerine	0.5	0.49	98	*70-130*
PETN	50	0.00	0.0	70-130

Values in ng/ml except for Nitroglycerine(in ug/ml)

Continuing Calibration Report LCD

Method : H:\LCDATA\LCD\METHODS\9507C883.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Thu May 28 13:28:47 2009
Response via : Initial Calibration

Continuing Calibration File: LCD47959.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	53.553	54.728	E3	-2.2	104
2	S	4-Nitroaniline	57.087	54.110	E3	5.2	100
3	T	1,3,5-Trinitrobenzene	149.351	152.720	E3	-2.3	102
4	T	Tetryl	104.765	106.664	E3	-1.8	103
5	T	2,4,6-Trinitrotoluene	142.443	143.578	E3	-0.8	101
6	T	4-Amino-2,6-Dinitrotoluene	243.052	237.816	E3	2.2	97
7	T	2,6-Dinitrotoluene	104.131	106.702	E3	-2.5	105
8	T	4-Nitrotoluene	76.197	87.215	E3	-14.5	114
9	M	RDX	69.226	72.159	E3	-4.2	104
10	M	1,3-Dinitrobenzene	214.558	219.825	E3	-2.5	101
11	M	Nitrobenzene	136.709	136.450	E3	0.2	100
12	M	2-Amino-4,6-Dinitrotoluene	242.717	238.918	E3	1.6	98
13	M	2,4-Dinitrotoluene	201.560	207.282	E3	-2.8	102
14	M	2-Nitrotoluene	87.881	93.701	E3	-6.6	105
15	M	3-Nitrotoluene	95.295	97.963	E3	-2.8	103
16	M	Nitroglycerine	698.582	672.289	E3	3.8	96
17	M	3,5-Dinitroaniline	167.240	165.368	E3	1.1	99
18		PETN	0.000	0.000		0.0	0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LCD47959.D 9507C883.M Thu May 28 13:28:58 2009 Page 1

Continuing Calibration Report LCD

Method : H:\LCDATA\LCD\METHODS\9507C883.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Thu May 28 13:46:10 2009
Response via : Initial Calibration

Continuing Calibration File: LCD47971.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	53.553	55.407	E3	-3.5	105
2	S	4-Nitroaniline	57.087	54.716	E3	4.2	101
3	T	1,3,5-Trinitrobenzene	149.351	153.185	E3	-2.6	102
4	T	Tetryl	104.765	106.379	E3	-1.5	103
5	T	2,4,6-Trinitrotoluene	142.443	146.081	E3	-2.6	103
6	T	4-Amino-2,6-Dinitrotoluene	243.052	248.189	E3	-2.1	101
7	T	2,6-Dinitrotoluene	104.131	103.265	E3	0.8	101
8	T	4-Nitrotoluene	76.197	88.986	E3	-16.8	116
9	M	RDX	69.226	71.828	E3	-3.8	103
10	M	1,3-Dinitrobenzene	214.558	218.912	E3	-2.0	101
11	M	Nitrobenzene	136.709	135.987	E3	0.5	99
12	M	2-Amino-4,6-Dinitrotoluene	242.717	248.189	E3	-2.3	101
13	M	2,4-Dinitrotoluene	201.560	202.633	E3	-0.5	100
14	M	2-Nitrotoluene	87.881	88.986	E3	-1.3	99
15	M	3-Nitrotoluene	95.295	94.581	E3	0.7	99
16	M	Nitroglycerine	698.582	746.958	E3	-6.9	107
17	M	3,5-Dinitroaniline	167.240	165.368	E3	1.1	99
18		PETN	0.000	0.000		0.0	0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Continuing Calibration Report LCD

Method : H:\LCDATA\LCD\METHODS\9507C883.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Thu May 28 17:30:26 2009
Response via : Initial Calibration

Continuing Calibration File: LCD47982.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	53.553	56.309	E3	-5.1	107
2	S	4-Nitroaniline	57.087	55.093	E3	3.5	102
3	T	1,3,5-Trinitrobenzene	149.351	153.972	E3	-3.1	103
4	T	Tetryl	104.765	107.382	E3	-2.5	104
5	T	2,4,6-Trinitrotoluene	142.443	144.857	E3	-1.7	102
6	T	4-Amino-2,6-Dinitrotoluene	243.052	250.453	E3	-3.0	102
7	T	2,6-Dinitrotoluene	104.131	103.474	E3	0.6	101
8	T	4-Nitrotoluene	76.197	87.850	E3	-15.3	115
9	M	RDX	69.226	72.090	E3	-4.1	104
10	M	1,3-Dinitrobenzene	214.558	220.313	E3	-2.7	102
11	M	Nitrobenzene	136.709	136.104	E3	0.4	100
12	M	2-Amino-4,6-Dinitrotoluene	242.717	250.453	E3	-3.2	102
13	M	2,4-Dinitrotoluene	201.560	201.240	E3	0.2	99
14	M	2-Nitrotoluene	87.881	87.850	E3	0.0	98
15	M	3-Nitrotoluene	95.295	94.286	E3	1.1	99
16	M	Nitroglycerine	698.582	746.958	E3	-6.9	107
17	M	3,5-Dinitroaniline	167.240	165.368	E3	1.1	99
18		PETN	0.000	0.000		0.0	0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
BLK109955

Lab Name :	GPL Laboratories	Client. :	McTech Corp.
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	905162
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BLK109955
Sample Volume :	2	Lab File ID :	LCA31489.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	05/26/2009
Extract Volume:	20 mL	Date Analyzed	05/27/2009
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.10	U
99-65-0	1,3-Dinitrobenzene	0.10	U
118-96-7	2,4,6-Trinitrotoluene	0.10	U
121-14-2	2,4-Dinitrotoluene	0.10	U
606-20-2	2,6-Dinitrotoluene	0.10	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.10	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.10	U
2691-41-0	HMX	0.20	U
98-95-3	Nitrobenzene	0.10	U
121-82-4	RDX	0.20	U
479-45-8	Tetryl	0.20	U
99-08-1	m-Nitrotoluene	0.20	U
88-72-2	o-Nitrotoluene	0.20	U
99-99-0	p-Nitrotoluene	0.20	U

Analytical Report For 905185

for

McTech Corp.

Project Manager: Kim Chambers

Project Name: Plum Brook

GPL

Laboratories

GPL Laboratories, LLLP certifies that the test results meet all requirements of the NELAC Standards unless otherwise noted.

Lee

Reviewed By,
Project Manager

Approved By,
Laboratory Director

The Case Narrative, Chain of Custody, Sample Receipt Checklist, and the cover page of the Sample Analysis Report, are integral parts of GPL Laboratories' report package. If you did not receive all of these documents, please contact GPL immediately.

Sample Receipt

Twenty soil samples were received on 05/29/2009. The samples were delivered by Federal Express. Sample receipt conditions and temperatures are documented on the Sample Receipt checklist.

Sample Analysis

Samples were prepared and analyzed by GPL using the analytical methodologies indicated on the Sample Analysis Summary Report. In some chromatographic analyses, manual integration is used instead of automated integration because it produces more accurate results. All manual integrations are denoted on the sample quantitation report. Analysis results and limits for soil are reported on a dry weight basis unless otherwise specified on the report.

Explosives/Propellants

Twenty soil samples were extracted and analyzed for explosives compounds using the EPA-SW846 method SW8330.

Both extraction and analysis holding times were met.

Sample 200708M-RR-405 was diluted at 1:2 to bring the concentration within calibration limits.

The samples were reanalyzed on a second different column for confirmation.

D to matrix interferences, the surrogate recoveries for four samples were above the QC limits. Samples 200708M-RR-396, 2 08M-RR-397, 200708M-RR-399,200708M-RR-406, 200708M-RR-407, 200708M-RR-402,200708M-RR-405 and 200708M-R 411 were reported from the confirmation analyses. The surrogate recovery for the diluted sample could not be accurately calculated due to the dilution factor. All other recoveries were within the QC limits.

The matrix spike and matrix spike duplicate analyses were performed on sample 200708M-RR-393. Due to matrix interference, the spike recovery for HMX in both MS/MSD were above the QC limits. All other recoveries were within the QC limits.

A laboratory control sample was extracted and analyzed along with this batch. All recoveries were within the QC limits.

Manual integration was performed on some data files, when automatic integration provided by the software was inappropriate.

Reviewed By,
Project Manager

Approved By,
Laboratory Director

Sample Summary Report

McTech Corp.

Work Order: 905185

Client Sample ID	Lab Sample ID	Analytical Method	Matrix	Date Sampled	Date Recieved
200708M-RR-393	905185-001-001-1/1	SW8330	SOIL	05/26/2009	05/29/2009
200708M-RR-394	905185-002-002-1/1	SW8330	SOIL	05/26/2009	05/29/2009
200708M-RR-395	905185-003-003-1/1	SW8330	SOIL	05/26/2009	05/29/2009
200708M-RR-396	905185-004-004-1/1	SW8330	SOIL	05/26/2009	05/29/2009
200708M-RR-397	905185-005-005-1/1	SW8330	SOIL	05/26/2009	05/29/2009
200708M-RR-398	905185-006-006-1/1	SW8330	SOIL	05/26/2009	05/29/2009
200708M-RR-399	905185-007-007-1/1	SW8330	SOIL	05/26/2009	05/29/2009
200708M-RR-400	905185-008-008-1/1	SW8330	SOIL	05/26/2009	05/29/2009
200708M-RR-401	905185-009-009-1/1	SW8330	SOIL	05/26/2009	05/29/2009
200708M-RR-402	905185-010-010-1/1	SW8330	SOIL	05/26/2009	05/29/2009
20[illegible]3M-RR-403	905185-011-011-1/1	SW8330	SOIL	05/26/2009	05/29/2009
200708M-RR-404	905185-012-012-1/1	SW8330	SOIL	05/26/2009	05/29/2009
200708M-RR-405	905185-013-013-1/1	SW8330	SOIL	05/26/2009	05/29/2009
200708M-RR-405DL	905185-013-013-1/1DL	SW8330	SOIL	05/26/2009	05/29/2009
200708M-RR-406	905185-014-014-1/1	SW8330	SOIL	05/26/2009	05/29/2009
200708M-RR-407	905185-015-015-1/1	SW8330	SOIL	05/27/2009	05/29/2009
200708M-RR-408	905185-016-016-1/1	SW8330	SOIL	05/27/2009	05/29/2009
200708M-RR-409	905185-017-017-1/1	SW8330	SOIL	05/27/2009	05/29/2009
200708M-RR-410	905185-018-018-1/1	SW8330	SOIL	05/27/2009	05/29/2009
200708M-RR-411	905185-019-019-1/1	SW8330	SOIL	05/27/2009	05/29/2009
200708M-RR-412	905185-020-020-1/1	SW8330	SOIL	05/27/2009	05/29/2009

Client Name:	McTech Corp.	Sample Matrix:	SOIL
C Sample ID:	200708M-RR-393	Lab Sample ID:	905185-001-001-1/1
Sample Date/Time:	05/26/2009 08:30	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**1.4**		**0.099**	**1**	**mg/kg**	**06/02/09**	**16:53**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**0.51**		**0.099**	**1**	**mg/kg**	**06/02/09**	**16:53**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.099	1	mg/kg	06/02/09	16:53
4)	**2,4-Dinitrotoluene**	**121-14-2**	**0.37**		**0.099**	**1**	**mg/kg**	**06/02/09**	**16:53**
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.099	1	mg/kg	06/02/09	16:53
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	0.084	J	0.099	1	mg/kg	06/02/09	16:53
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.099	1	mg/kg	06/02/09	16:53
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/02/09	16:53
9)	Nitrobenzene	98-95-3	BQL	U	0.099	1	mg/kg	06/02/09	16:53
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/02/09	16:53
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/02/09	16:53
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/02/09	16:53
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/02/09	16:53
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/02/09	16:53

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	108 %	30 - 130	1	06/02/09	16:53

Client Name:	McTech Corp.	Sample Matrix:	SOIL
C Sample ID:	200708M-RR-394	Lab Sample ID:	905185-002-002-1/1
Sample Date/Time:	05/26/2009 08:45	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**7.0**		**0.10**	**1**	**mg/kg**	**06/02/09**	**17:18**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**1.2**		**0.10**	**1**	**mg/kg**	**06/02/09**	**17:18**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/02/09	17:18
4)	**2,4-Dinitrotoluene**	**121-14-2**	**5.4**		**0.10**	**1**	**mg/kg**	**06/02/09**	**17:18**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.56**		**0.10**	**1**	**mg/kg**	**06/02/09**	**17:18**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.38**		**0.10**	**1**	**mg/kg**	**06/02/09**	**17:18**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/02/09	17:18
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/02/09	17:18
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/02/09	17:18
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/02/09	17:18
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/02/09	17:18
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/02/09	17:18
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/02/09	17:18
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/02/09	17:18

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	**4-Nitroaniline**	**100-01-6**	**198 %**	**30 - 130**	**1**	**06/02/09**	**17:18**

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
C Sample ID:	200708M-RR-395	Lab Sample ID:	905185-003-003-1/1
Sample Date/Time:	05/26/2009 09:00	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**3.6**		**0.10**	**1**	**mg/kg**	**06/02/09**	**17:42**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**0.58**		**0.10**	**1**	**mg/kg**	**06/02/09**	**17:42**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/02/09	17:42
4)	**2,4-Dinitrotoluene**	**121-14-2**	**2.9**		**0.10**	**1**	**mg/kg**	**06/02/09**	**17:42**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.28**		**0.10**	**1**	**mg/kg**	**06/02/09**	**17:42**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.36**		**0.10**	**1**	**mg/kg**	**06/02/09**	**17:42**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/02/09	17:42
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/02/09	17:42
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/02/09	17:42
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/02/09	17:42
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/02/09	17:42
12)	-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/02/09	17:42
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/02/09	17:42
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/02/09	17:42

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	**4-Nitroaniline**	**100-01-6**	**138 %**	**30 - 130**	**1**	**06/02/09**	**17:42**

Client Name:	McTech Corp.	Sample Matrix:	SOIL
C Sample ID:	200708M-RR-396	Lab Sample ID:	905185-004-004-1/1
Sample Date/Time:	05/26/2009 09:15	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**7.8**		**0.10**	**1**	**mg/kg**	**06/02/09**	**18:07**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**2.4**		**0.10**	**1**	**mg/kg**	**06/02/09**	**18:07**
3)	**2,4,6-Trinitrotoluene**	**118-96-7**	**0.26**		**0.10**	**1**	**mg/kg**	**06/02/09**	**18:07**
4)	**2,4-Dinitrotoluene**	**121-14-2**	**5.5**		**0.10**	**1**	**mg/kg**	**06/02/09**	**18:07**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.60**		**0.10**	**1**	**mg/kg**	**06/02/09**	**18:07**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.77**		**0.10**	**1**	**mg/kg**	**06/02/09**	**18:07**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/02/09	18:07
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/02/09	18:07
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/02/09	18:07
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/02/09	18:07
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/02/09	18:07
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/02/09	18:07
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/02/09	18:07
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/02/09	18:07

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	123 %	30 - 130	1	06/02/09	18:07

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-397	Lab Sample ID:	905185-005-005-1/1
Sample Date/Time:	05/26/2009 09:30	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**5.6**		**0.10**	**1**	**mg/kg**	**06/02/09**	**18:31**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**1.6**		**0.10**	**1**	**mg/kg**	**06/02/09**	**18:31**
3)	**2,4,6-Trinitrotoluene**	**118-96-7**	**0.52**		**0.10**	**1**	**mg/kg**	**06/02/09**	**18:31**
4)	**2,4-Dinitrotoluene**	**121-14-2**	**5.8**		**0.10**	**1**	**mg/kg**	**06/02/09**	**18:31**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.75**		**0.10**	**1**	**mg/kg**	**06/02/09**	**18:31**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.76**		**0.10**	**1**	**mg/kg**	**06/02/09**	**18:31**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/02/09	18:31
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/02/09	18:31
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/02/09	18:31
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/02/09	18:31
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/02/09	18:31
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/02/09	18:31
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/02/09	18:31
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/02/09	18:31

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	109 %	30 - 130	1	06/02/09	18:31

Client Name:	McTech Corp.	Sample Matrix:	SOIL
C : Sample ID:	200708M-RR-398	Lab Sample ID:	905185-006-006-1/1
Sample Date/Time:	05/26/2009 09:45	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**7.0**		**0.10**	**1**	**mg/kg**	**06/02/09**	**18:56**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/02/09	18:56
3)	**2,4,6-Trinitrotoluene**	**118-96-7**	**4.5**		**0.10**	**1**	**mg/kg**	**06/02/09**	**18:56**
4)	**2,4-Dinitrotoluene**	**121-14-2**	**19**		**0.10**	**1**	**mg/kg**	**06/02/09**	**18:56**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**2.4**		**0.10**	**1**	**mg/kg**	**06/02/09**	**18:56**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/02/09	18:56
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/02/09	18:56
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/02/09	18:56
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/02/09	18:56
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/02/09	18:56
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/02/09	18:56
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/02/09	18:56
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/02/09	18:56
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/02/09	18:56

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	99 %	30 - 130	1	06/02/09	18:56

Client Name:	McTech Corp.	Sample Matrix:	SOIL
C Sample ID:	200708M-RR-399	Lab Sample ID:	905185-007-007-1/1
Sample Date/Time:	05/26/2009 10:00	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**3.2**		**0.10**	**1**	**mg/kg**	**06/02/09**	**19:45**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**2.2**		**0.10**	**1**	**mg/kg**	**06/02/09**	**19:45**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/02/09	19:45
4)	**2,4-Dinitrotoluene**	**121-14-2**	**4.1**		**0.10**	**1**	**mg/kg**	**06/02/09**	**19:45**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.58**		**0.10**	**1**	**mg/kg**	**06/02/09**	**19:45**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.37**		**0.10**	**1**	**mg/kg**	**06/02/09**	**19:45**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/02/09	19:45
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/02/09	19:45
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/02/09	19:45
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/02/09	19:45
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/02/09	19:45
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/02/09	19:45
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/02/09	19:45
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/02/09	19:45

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	115 %	30 - 130	1	06/02/09	19:45

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli[illegible] Sample ID:	200708M-RR-400	Lab Sample ID:	905185-008-008-1/1
Sample Date/Time:	05/26/2009 10:15	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**0.39**		**0.10**	**1**	**mg/kg**	**06/02/09**	**20:10**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/02/09	20:10
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/02/09	20:10
4)	**2,4-Dinitrotoluene**	**121-14-2**	**2.1**		**0.10**	**1**	**mg/kg**	**06/02/09**	**20:10**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.23**		**0.10**	**1**	**mg/kg**	**06/02/09**	**20:10**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/02/09	20:10
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/02/09	20:10
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/02/09	20:10
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/02/09	20:10
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/02/09	20:10
11)	[illegible]tryl	479-45-8	BQL	U	0.20	1	mg/kg	06/02/09	20:10
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/02/09	20:10
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/02/09	20:10
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/02/09	20:10

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	**4-Nitroaniline**	**100-01-6**	**203 %**	**30 - 130**	**1**	**06/02/09**	**20:10**

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-401	Lab Sample ID:	905185-009-009-1/1
Sample Date/Time:	05/26/2009 10:30	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**18**		**0.10**	**1**	**mg/kg**	**06/02/09**	**20:35**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**5.4**		**0.10**	**1**	**mg/kg**	**06/02/09**	**20:35**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/02/09	20:35
4)	**2,4-Dinitrotoluene**	**121-14-2**	**17**		**0.10**	**1**	**mg/kg**	**06/02/09**	**20:35**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**1.9**		**0.10**	**1**	**mg/kg**	**06/02/09**	**20:35**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**1.6**		**0.10**	**1**	**mg/kg**	**06/02/09**	**20:35**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/02/09	20:35
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/02/09	20:35
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/02/09	20:35
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/02/09	20:35
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/02/09	20:35
12)	Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/02/09	20:35
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/02/09	20:35
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/02/09	20:35

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	105 %	30 - 130	1	06/02/09	20:35

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-402	Lab Sample ID:	905185-010-010-1/1
Sample Date/Time:	05/26/2009 10:45	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**9.9**		**0.099**	**1**	**mg/kg**	**06/02/09**	**20:59**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**3.4**		**0.099**	**1**	**mg/kg**	**06/02/09**	**20:59**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.099	1	mg/kg	06/02/09	20:59
4)	**2,4-Dinitrotoluene**	**121-14-2**	**9.6**		**0.099**	**1**	**mg/kg**	**06/02/09**	**20:59**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**1.2**		**0.099**	**1**	**mg/kg**	**06/02/09**	**20:59**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.74**		**0.099**	**1**	**mg/kg**	**06/02/09**	**20:59**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.099	1	mg/kg	06/02/09	20:59
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/02/09	20:59
9)	Nitrobenzene	98-95-3	BQL	U	0.099	1	mg/kg	06/02/09	20:59
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/02/09	20:59
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/02/09	20:59
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/02/09	20:59
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/02/09	20:59
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/02/09	20:59

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	119 %	30 - 130	1	06/02/09	20:59

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M-RR-403	Lab Sample ID:	905185-011-011-1/1
Sample Date/Time:	05/26/2009 11:00	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	0.099	J	0.10	1	mg/kg	06/02/09	21:24
2)	1,3-Dinitrobenzene	99-65-0	0.058	J	0.10	1	mg/kg	06/02/09	21:24
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/02/09	21:24
4)	**2,4-Dinitrotoluene**	**121-14-2**	**0.80**		**0.10**	**1**	**mg/kg**	**06/02/09**	**21:24**
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/02/09	21:24
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	0.098	J	0.10	1	mg/kg	06/02/09	21:24
7)	**4-Amino-2,6-Dinitrotoluene**	**19406-51-0**	**0.11**		**0.10**	**1**	**mg/kg**	**06/02/09**	**21:24**
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/02/09	21:24
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/02/09	21:24
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/02/09	21:24
11	tryl	479-45-8	BQL	U	0.20	1	mg/kg	06/02/09	21:24
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/02/09	21:24
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/02/09	21:24
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/02/09	21:24

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	94 %	30 - 130	1	06/02/09	21:24

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli. Sample ID:	200708M-RR-404	Lab Sample ID:	905185-012-012-1/1
Sample Date/Time:	05/26/2009 11:15	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**2.2**		**0.10**	**1**	**mg/kg**	**06/02/09**	**21:48**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**1.4**		**0.10**	**1**	**mg/kg**	**06/02/09**	**21:48**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/02/09	21:48
4)	**2,4-Dinitrotoluene**	**121-14-2**	**2.6**		**0.10**	**1**	**mg/kg**	**06/02/09**	**21:48**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.33**		**0.10**	**1**	**mg/kg**	**06/02/09**	**21:48**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.39**		**0.10**	**1**	**mg/kg**	**06/02/09**	**21:48**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/02/09	21:48
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/02/09	21:48
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/02/09	21:48
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/02/09	21:48
11)	tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/02/09	21:48
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/02/09	21:48
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/02/09	21:48
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/02/09	21:48

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	120 %	30 - 130	1	06/02/09	21:48

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-405	Lab Sample ID:	905185-013-013-1/1
Sample Date/Time:	05/26/2009 11:30	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**28**	**E**	**0.10**	**1**	**mg/kg**	**06/02/09**	**22:13**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**12**		**0.10**	**1**	**mg/kg**	**06/02/09**	**22:13**
3)	2,4,6-Trinitrotoluene	118-96-7	0.10		0.10	1	mg/kg	06/02/09	22:13
4)	**2,4-Dinitrotoluene**	**121-14-2**	**33**	**E**	**0.10**	**1**	**mg/kg**	**06/02/09**	**22:13**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**3.6**		**0.10**	**1**	**mg/kg**	**06/02/09**	**22:13**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**2.0**		**0.10**	**1**	**mg/kg**	**06/02/09**	**22:13**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/02/09	22:13
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/02/09	22:13
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/02/09	22:13
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/02/09	22:13
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/02/09	22:13
12	Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/02/09	22:13
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/02/09	22:13
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/02/09	22:13

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	**4-Nitroaniline**	**100-01-6**	**150 %**	**30 - 130**	**1**	**06/02/09**	**22:13**

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-405DL	Lab Sample ID:	905185-013-013-1/1DL
Sample Date/Time:	05/26/2009 11:30	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**27**		**0.20**	**2**	**mg/kg**	**06/03/09**	**12:05**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.20	2	mg/kg	06/03/09	12:05
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.20	2	mg/kg	06/03/09	12:05
4)	**2,4-Dinitrotoluene**	**121-14-2**	**30**		**0.20**	**2**	**mg/kg**	**06/03/09**	**12:05**
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.20	2	mg/kg	06/03/09	12:05
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.20	2	mg/kg	06/03/09	12:05
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.20	2	mg/kg	06/03/09	12:05
8)	HMX	2691-41-0	BQL	U	0.40	2	mg/kg	06/03/09	12:05
9)	Nitrobenzene	98-95-3	BQL	U	0.20	2	mg/kg	06/03/09	12:05
10)	RDX	121-82-4	BQL	U	0.40	2	mg/kg	06/03/09	12:05
11)	tryl	479-45-8	BQL	U	0.40	2	mg/kg	06/03/09	12:05
12)	m-Nitrotoluene	99-08-1	BQL	U	0.40	2	mg/kg	06/03/09	12:05
13)	o-Nitrotoluene	88-72-2	BQL	U	0.40	2	mg/kg	06/03/09	12:05
14)	p-Nitrotoluene	99-99-0	BQL	U	0.40	2	mg/kg	06/03/09	12:05

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	**4-Nitroaniline**	**100-01-6**	**0 %**	**30 - 130**	**2**	**06/03/09**	**12:05**

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl[illegible] Sample ID:	200708M-RR-406	Lab Sample ID:	905185-014-014-1/1
Sample Date/Time:	05/26/2009 11:45	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**18**		**0.10**	**1**	**mg/kg**	**06/02/09**	**22:38**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**7.6**		**0.10**	**1**	**mg/kg**	**06/02/09**	**22:38**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/02/09	22:38
4)	**2,4-Dinitrotoluene**	**121-14-2**	**18**		**0.10**	**1**	**mg/kg**	**06/02/09**	**22:38**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**1.8**		**0.10**	**1**	**mg/kg**	**06/02/09**	**22:38**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.98**		**0.10**	**1**	**mg/kg**	**06/02/09**	**22:38**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/02/09	22:38
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/02/09	22:38
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/02/09	22:38
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/02/09	22:38
11)	[illegible]tryl	479-45-8	BQL	U	0.20	1	mg/kg	06/02/09	22:38
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/02/09	22:38
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/02/09	22:38
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/02/09	22:38

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	119 %	30 - 130	1	06/02/09	22:38

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-407	Lab Sample ID:	905185-015-015-1/1
Sample Date/Time:	05/27/2009 08:30	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**0.39**		**0.10**	**1**	**mg/kg**	**06/02/09**	**23:02**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**0.29**		**0.10**	**1**	**mg/kg**	**06/02/09**	**23:02**
3)	2,4,6-Trinitrotoluene	118-96-7	0.074	J	0.10	1	mg/kg	06/02/09	23:02
4)	**2,4-Dinitrotoluene**	**121-14-2**	**0.88**		**0.10**	**1**	**mg/kg**	**06/02/09**	**23:02**
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/02/09	23:02
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.21**		**0.10**	**1**	**mg/kg**	**06/02/09**	**23:02**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/02/09	23:02
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/02/09	23:02
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/02/09	23:02
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/02/09	23:02
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/02/09	23:02
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/02/09	23:02
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/02/09	23:02
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/02/09	23:02

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	112 %	30 - 130	1	06/02/09	23:02

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl Sample ID:	200708M-RR-408	Lab Sample ID:	905185-016-016-1/1
Sample Date/Time:	05/27/2009 08:45	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**2.3**		**0.10**	**1**	**mg/kg**	**06/02/09**	**23:27**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**1.3**		**0.10**	**1**	**mg/kg**	**06/02/09**	**23:27**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/02/09	23:27
4)	**2,4-Dinitrotoluene**	**121-14-2**	**2.8**		**0.10**	**1**	**mg/kg**	**06/02/09**	**23:27**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.39**		**0.10**	**1**	**mg/kg**	**06/02/09**	**23:27**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.38**		**0.10**	**1**	**mg/kg**	**06/02/09**	**23:27**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/02/09	23:27
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/02/09	23:27
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/02/09	23:27
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/02/09	23:27
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/02/09	23:27
12)	Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/02/09	23:27
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/02/09	23:27
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/02/09	23:27

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	60 %	30 - 130	1	06/02/09	23:27

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M-RR-409	Lab Sample ID:	905185-017-017-1/1
Sample Date/Time:	05/27/2009 09:00	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

# Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,3,5-Trinitrobenzene	**99-35-4**	**0.92**		**0.10**	**1**	**mg/kg**	**06/03/09**	**00:16**
2) 1,3-Dinitrobenzene	**99-65-0**	**0.62**		**0.10**	**1**	**mg/kg**	**06/03/09**	**00:16**
3) 2,4,6-Trinitrotoluene	118-96-7	0.10		0.10	1	mg/kg	06/03/09	00:16
4) 2,4-Dinitrotoluene	**121-14-2**	**1.5**		**0.10**	**1**	**mg/kg**	**06/03/09**	**00:16**
5) 2,6-Dinitrotoluene	**606-20-2**	**0.19**		**0.10**	**1**	**mg/kg**	**06/03/09**	**00:16**
6) 2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/03/09	00:16
7) 4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/03/09	00:16
8) HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	00:16
9) Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	00:16
10) RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	00:16
11) Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	00:16
12) m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	00:16
13) o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	00:16
14) p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	00:16

# Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	100-01-6	71 %	30 - 130	1	06/03/09	00:16

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-410	Lab Sample ID:	905185-018-018-1/1
Sample Date/Time:	05/27/2009 09:15	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**8.3**		**0.10**	**1**	**mg/kg**	**06/03/09**	**00:41**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**3.6**		**0.10**	**1**	**mg/kg**	**06/03/09**	**00:41**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/03/09	00:41
4)	**2,4-Dinitrotoluene**	**121-14-2**	**8.7**		**0.10**	**1**	**mg/kg**	**06/03/09**	**00:41**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.89**		**0.10**	**1**	**mg/kg**	**06/03/09**	**00:41**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/03/09	00:41
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/03/09	00:41
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	00:41
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	00:41
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	00:41
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	00:41
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	00:41
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	00:41
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	00:41

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	61 %	30 - 130	1	06/03/09	00:41

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli[illegible] Sample ID:	200708M-RR-411	Lab Sample ID:	905185-019-019-1/1
Sample Date/Time:	05/27/2009 09:30	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**9.8**		**0.099**	**1**	**mg/kg**	**06/03/09**	**01:05**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**3.6**		**0.099**	**1**	**mg/kg**	**06/03/09**	**01:05**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.099	1	mg/kg	06/03/09	01:05
4)	**2,4-Dinitrotoluene**	**121-14-2**	**6.0**		**0.099**	**1**	**mg/kg**	**06/03/09**	**01:05**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.80**		**0.099**	**1**	**mg/kg**	**06/03/09**	**01:05**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.099	1	mg/kg	06/03/09	01:05
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.099	1	mg/kg	06/03/09	01:05
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	01:05
9)	Nitrobenzene	98-95-3	BQL	U	0.099	1	mg/kg	06/03/09	01:05
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	01:05
11)	[illegible]tryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	01:05
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	01:05
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	01:05
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	01:05

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	109 %	30 - 130	1	06/03/09	01:05

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli[illegible] Sample ID:	200708M-RR-412	Lab Sample ID:	905185-020-020-1/1
Sample Date/Time:	05/27/2009 09:45	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:22	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/01/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**9.1**		**0.10**	**1**	**mg/kg**	**06/03/09**	**01:30**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**3.3**		**0.10**	**1**	**mg/kg**	**06/03/09**	**01:30**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/03/09	01:30
4)	**2,4-Dinitrotoluene**	**121-14-2**	**5.7**		**0.10**	**1**	**mg/kg**	**06/03/09**	**01:30**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.67**		**0.10**	**1**	**mg/kg**	**06/03/09**	**01:30**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/03/09	01:30
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/03/09	01:30
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	01:30
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	01:30
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	01:30
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	01:30
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	01:30
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	01:30
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	01:30

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	83 %	30 - 130	1	06/03/09	01:30

Qualifier Definitions

McTech Corp.

Work Order: 905185

All Departments

U Indicates that the compound was analyzed for but not detected

BQL Below Quantitation Limit

Organics

B Indicates that the analyte was found in the associated blank as well as in the sample

D Indicates that the analyte was reported from a diluted analysis

E Indicates that the concentration detected exceeded the calibration range of the instrument

J Value is less than the reporting limit but greater than the MDL

P Indicates that there is greater than 25% difference for detected pesticide/Arochlor results between the two GC columns

Metals

' Indicates that the reported value was less than the reporting limit but greater than or equal to the IDL/MDL

E Indicates that the reported value is estimated because of the possible presence of interference (i.e. the serial dilution not within control limits)

H Indicates that the element was found in the associated blank as well as in the sample and the value is greater than or equal to the reporting limit

D Indicates that the analyte was reported from a diluted analysis

N Spiked sample recovery not within control limits

* Duplicate analysis not within control limits

GPL LABORATORIES, LLLP

7210A Corporate Court
Frederick, MD 21703
(301) 694-5310
fax (301) 694-0731

Contract &Billing Reference:

1 of 4 Pgs.

Project: 200708M Perlop Residual Risk
Client: McTech Corp
Send Results To: Kim Chambers
Address: 240 Oliver St, Suite 201
St Albans WV 25177
Phone: 304.215.0099

Turnaround Time: Standard
# of Containers: Varied
Container Type: G
Preservative Used: 4C
Type of Analysis: Total Mercury Hg 8330

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Total Mercury Hg 8330	Lab Cooler No.	CLIENT COMMENTS
200708M.RR 393	5/26/09	0830	Soil	dJD	✓		
200708M.RR 394		0845			✓		
200708M.RR 395		0900			✓		
200708M.RR 396		0915			✓		
200708M.RR 397		0930			✓		
200708M.RR 398		0945			✓		
200708M.RR 399		1000			✓		
200708M.RR 400		1015			✓		
200708M.RR 401		1030			✓		
200708M.RR 402		1045			✓		
200708M.RR 403		1100			✓		
200708M.RR 404		1115			✓		

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
David Murphy	5-29-09 0230 pm			Walt Bl	5/29/09 9:30

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:
				3°

G.P. W.O. 905185

GPL Laboratories, LLLP
7210A Corporate CT, Frederick, MD 21703
Tel. (301)694-5310 Fax (301)620-0731

GPL LABORATORIES, LLLP

7210A Corporate Court
Frederick, MD 21703
(301) 694-5310
Fax (301) 620-0731

Contract Billing Reference:

2 of 4 Pgs.

Project: 20070BM PRRWP Residual Risk
Client: McTech Corp
Send Results To: Kim Chambers
Address: 240 Oliver St. Suite 201
St Albans, WV 25177
Phone: 304-215-0099

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	TOTAL NITROAROMATICS 8330	Lab Cooler No.	CLIENT COMMENTS
20070BM-RR-405	5/20/09	1130	Soil	HTO	✓		
20070BM-RR-406	5/20/09	1145	"	HTO	✓		
20070BM-RR-407	5/21/09	0830		HTO	✓		
20070BM-RR-408	5/21/09	0845		HTO	✓		
20070BM-RR-409		0900		HTO	✓		
20070BM-RR-410		0915		HTO	✓		
20070BM-RR-411		0930			✓		
20070BM-RR-412		0945			✓		
20070BM-RR-413		1000			✓		
20070BM-RR-414		1015			✓		
20070BM-RR-415		1030			✓		
20070BM-RR-416		1045			✓		

Turnaround Time: Standard
# of Containers: Sample
Container Type: G
Preservative Used: 4°C
Type of Analysis

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
[signature]	5-20-09 0230 pm			[signature]	5/21/09 9:30

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:
				3°

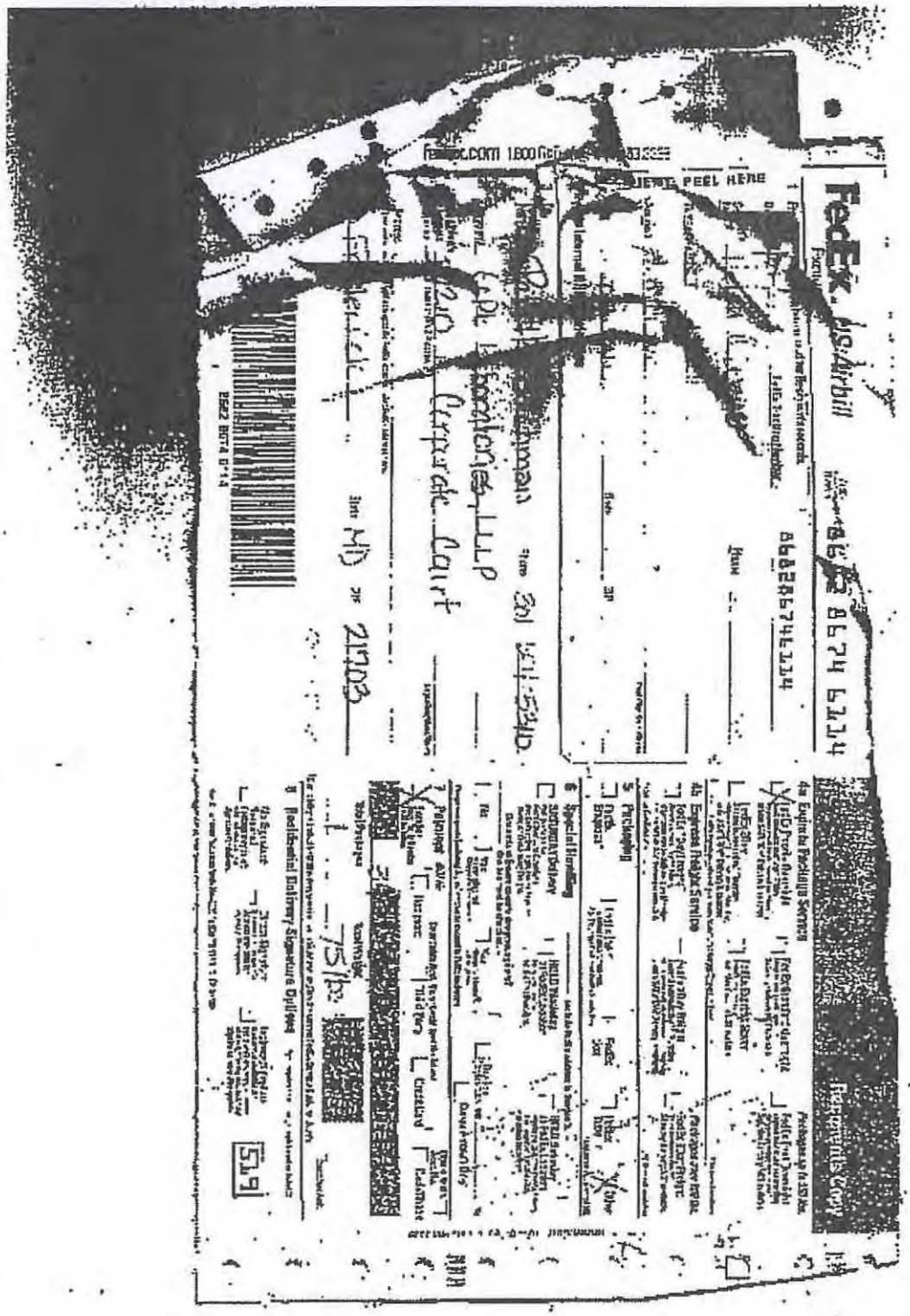
G.P. W.O. 905185

GPL Laboratories, LLLP
7210A Corporate CT, Frederick, MD 21703
Tel. (301)694-5310 Fax (301)620-0731

Chain of Custody

McTech Corp.

SDG: 905185



Chain of Custody

McTech Corp.

SDG: 905185

GPL Laboratories, LLLP

SAMPLE RECEIPT CHECKLIST

W.O. No: 905185
Client Name: Mctech
Date Received: 5-29-09
Time Received: 9:30
Received By: wqH

Carrier Name: Fed ex
Prepared (Logged in) By: PM , 5-29-09
Project:
Site:
VOA Holding Blank ID No:

	YES	NO
Airbill/Manifest Present?	✓	
No: 8682 8674 6114		
Shipping Container in Good Condition?	✓	
Custody Seals Present on Shipping Container?	✓	
Condition: Good ✓ Broken		
Chain of Custody Present?	✓	
Chain of Custody Agrees with Sample Labels?	✓	
Chain of Custody Signed?	✓	
Packing Present in Shipping Container?	✓	
Type of Packing: bubble wrap		
Custody Seals on Sample Bottles?	✓	
Condition: Good ✓ Broken		
Total Number of Sample Bottles 20	✓	
Total Number of Samples 20	✓	
Samples Intact?	✓	
Sufficient Sample Volume for Indicated Test?	✓	

	YES	NO
Trip Blanks Received?		✓
No. of Sets		
VOA Vials Have Zero Headspace?		✓
Preservatives Added to Sample?		✓
pH Check Required?		✓
Performed By:		
Ice Present in Shipping Container?	✓	

Container #	Temperature
1	3°
	PM

Project Manager Contacted?
Name: Pat
Date Contacted: 5-29-09

Any NO response must be detailed in the comments section below. If items are not applicable to particular samples or contracts, they should be marked N/A.

COMMENTS:

Checklist Completed By: Pat
Date: 5-29-09

EXPLOSIVES
QC

GPL Laboratories

Surrogate Recovery Summary

Matrix : SOIL Analytical Method : SW8330 SDG No : 905185

Surrogate	NO2ANIL4
Lower QC Limits	30
Upper QC Limits	130
Sample ID	
200708M-RR-393	108
200708M-RR-393MS	101
200708M-RR-393MSD	112
200708M-RR-394	198 *
200708M-RR-395	138 *
200708M-RR-396	123
200708M-RR-397	109
200708M-RR-398	99
200708M-RR-399	115
200708M-RR-400	203 *
200708M-RR-401	105
200708M-RR-402	119
200708M-RR-403	94
200708M-RR-404	120
200708M-RR-405	150 *
200708M-RR-405DL	0 *
200708M-RR-406	119
200708M-RR-407	112
200708M-RR-408	60
200708M-RR-409	71
200708M-RR-410	61
200708M-RR-411	109
200708M-RR-412	83
BKS110013	100
BLK110013	103

* Value outside of QC Limts

NO2ANIL4 = 4-Nitroaniline

GPL Laboratories

MS/MSD RECOVERY

SAMPLE NO
200708M-RR-393MSD

Lab Name : GPL Laboratories SDG NO : 905185 Method : SW8330

Lab Code : GPL Lab Sample ID : 905185-001-001-1/1MSD Matrix : SOIL Analysis Date : 06/02/2009

Compound	Spike Added (mg/kg)		CONCENTRATION (mg/kg)			%RECOVERY		% RPD	RPD Limit	QC Limits
	MS	MSD	Sample	MS	MSD	MS	MSD			
1,3,5-Trinitrobenzene	2.5	2.5	1.4	3.7	3.8	92	96	4	25	65-135
1,3-Dinitrobenzene	2.5	2.5	0.51	2.7	2.8	88	92	4	25	70-135
2,4,6-Trinitrotoluene	2.5	2.5	0.0	2.6	2.7	104	108	4	25	45-145
2,4-Dinitrotoluene	2.5	2.5	0.37	2.7	2.7	93	93	0	25	75-130
2,6-Dinitrotoluene	2.5	2.5	0.0	2.5	2.5	100	100	0	25	70-130
2-Amino-4,6-Dinitrotoluene	2.5	2.5	0.084	2.3	2.4	89	93	4	25	75-130
4-Amino-2,6-Dinitrotoluene	2.5	2.5	0.0	2.6	2.6	104	104	0	25	75-130
HMX	2.5	2.5	0.0	51	63	2040 *	2520 *	21	25	65-135
Nitrobenzene	2.5	2.5	0.0	2.4	2.5	96	100	4	25	70-130
RDX	2.5	2.5	0.0	1.8	2.1	72	84	15	25	65-145
Tetryl	2.5	2.5	0.0	1.8	1.8	72	72	0	25	10-150
m-Nitrotoluene	2.5	2.5	0.0	2.3	2.3	92	92	0	25	70-130
o-Nitrotoluene	2.5	2.5	0.0	2.3	2.3	92	92	0	25	70-130
p-Nitrotoluene	2.5	2.5	0.0	2.2	2.3	88	92	4	25	70-135

Column to be used to flag recovery and RPD Values with an asterisk.

* Values Outside of QC Limits.

RPD 0 Out of 14 Outside Limit
Spike Recovery : 2 Out of 28 outside limit

GPL Laboratories

LCS SUMMARY

SAMPLE NO
BKS110013

Lab Name : GPL Laboratories
Lab Code : GPL
Matrix : SOIL
Method : SW8330

Contract. : Plum Brook
SDG NO : 905185
Lab Sample ID : BKS110013
Analysis Date : 06/02/2009

COMPOUND	SPIKE ADDED (mg/kg)	BLANK CONCENTRATION (mg/kg)	LCS CONCENTRATION (mg/kg)	LCS % REC	QC LIMTS
1,3,5-Trinitrobenzene	2.5	0	2.4	96	75-125
1,3-Dinitrobenzene	2.5	0	2.3	92	80-125
2,4,6-Trinitrotoluene	2.5	0	2.7	108	55-140
2,4-Dinitrotoluene	2.5	0	2.3	92	80-125
2,6-Dinitrotoluene	2.5	0	2.3	92	80-120
2-Amino-4,6-Dinitrotoluene	2.5	0	2.3	92	80-125
4-Amino-2,6-Dinitrotoluene	2.5	0	2.4	96	80-125
HMX	2.5	0	2.6	104	75-125
Nitrobenzene	2.5	0	2.3	92	75-125
RDX	2.5	0	2.3	92	70-135
Tetryl	2.5	0	1.5	60	10-150
m-Nitrotoluene	2.5	0	2.2	88	75-120
o-Nitrotoluene	2.5	0	2.3	92	80-125
p-Nitrotoluene	2.5	0	2.3	92	75-125

* Values Outside of QC Limits.

Spike recovery : 0 out of 14 outside limits

GPL Laboratories

GPL
FORM 4
EXPLOSIVE METHOD BLANK SUMMARY

SAMPLE NO
BLK110013

Lab Name :	GPL Laboratories	Client. :	McTech Corp.
Lab Code :	GPL	SAS NO. :	110013
Lab File ID :	F602_002.D	SDG NO :	905185
Date Analyzed	06/02/2009	Lab Sample ID :	BLK110013
Date Extracted :	06/01/2009	Time Analyzed :	15:14
Matrix :(Soil/Water).	SOIL	Level :(Low/Med)	

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS AND MSD :

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed
BKS110013	BKS110013	F602_003.D	06/02/2009
200708M-RR-393MS	905185-001-001-1/1MS	F602_004.D	06/02/2009
200708M-RR-393MSD	905185-001-001-1/1MSD	F602_005.D	06/02/2009
200708M-RR-393	905185-001-001-1/1	F602_006.D	06/02/2009
200708M-RR-394	905185-002-002-1/1	F602_007.D	06/02/2009
200708M-RR-395	905185-003-003-1/1	F602_008.D	06/02/2009
200708M-RR-396	905185-004-004-1/1	F602_009.D	06/02/2009
200708M-RR-397	905185-005-005-1/1	F602_010.D	06/02/2009
200708M-RR-398	905185-006-006-1/1	F602_011.D	06/02/2009
200708M-RR-399	905185-007-007-1/1	F602_013.D	06/02/2009
200708M-RR-400	905185-008-008-1/1	F602_014.D	06/02/2009
200708M-RR-401	905185-009-009-1/1	F602_015.D	06/02/2009
200708M-RR-402	905185-010-010-1/1	F602_016.D	06/02/2009
200708M-RR-403	905185-011-011-1/1	F602_017.D	06/02/2009
200708M-RR-404	905185-012-012-1/1	F602_018.D	06/02/2009
200708M-RR-405	905185-013-013-1/1	F602_019.D	06/02/2009
200708M-RR-406	905185-014-014-1/1	F602_020.D	06/02/2009
200708M-RR-407	905185-015-015-1/1	F602_021.D	06/02/2009
200708M-RR-408	905185-016-016-1/1	F602_022.D	06/02/2009
200708M-RR-409	905185-017-017-1/1	F602_024.D	06/03/2009
200708M-RR-410	905185-018-018-1/1	F602_025.D	06/03/2009
200708M-RR-411	905185-019-019-1/1	F602_026.D	06/03/2009
200708M-RR-412	905185-020-020-1/1	F602_027.D	06/03/2009
200708M-RR-405DL	905185-013-013-1/1	F603_004.D	06/03/2009

Response Factor Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Mar 24 10:42:59 2009

Calibration Files
LEV1 =LCF01596.D LEV2 =LCF01597.D LEV3 =LCF01598.D
LEV4 =LCF01599.D LEV5 =LCF01600.D LEV6 =LCF01601.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	LEV6	Avg		%RSD
1)	T	HMX	4.069	4.285	4.751	4.286	4.322	4.423	4.356	E3	5.17
2)	S	4-Nitroaniline	4.707	4.867	4.959	4.179	4.588	4.474	4.629	E3	6.11
3)	M	RDX	6.679	5.874	6.330	5.379	5.665	5.428	5.893	E3	8.79
4)	T	1,3,5-Trinitrobenze	1.378	1.321	1.417	1.212	1.265	1.190	1.297	E4	7.01
5)	M	1,3-Dinitrobenzene	1.918	1.839	1.983	1.684	1.769	1.731	1.821	E4	6.28
6)	M	3,5-Dinitroaniline	1.449	1.468	1.642	1.288	1.365	1.323	1.423	E4	9.02
7)	M	Nitrobenzene	1.246	1.112	1.224	1.063	1.062	1.072	1.130	E4	7.39
8)	T	Tetryl	9.031	9.111	9.910	7.720	8.865	8.091	8.788	E3	8.89
9)	T	2,4,6-Trinitrotolue	1.215	1.317	1.399	1.208	1.255	1.196	1.265	E4	6.25
10)	M	2-Amino-4,6-Dinitro	1.184	1.239	1.305	1.095	1.172	1.122	1.186	E4	6.48
11)	T	4-Amino-2,6-Dinitro	7.983	8.683	9.144	7.543	8.221	7.776	8.225	E3	7.25
12)	M	2,4-Dinitrotoluene	1.728	1.742	1.852	1.574	1.652	1.597	1.691	E4	6.13
13)	T	2,6-Dinitrotoluene	9.524	9.403	9.910	8.086	8.843	8.541	9.051	E3	7.53
14)	M	2-Nitrotoluene	7.720	7.684	7.918	6.710	6.876	6.877	7.298	E3	7.29
15)	T	4-Nitrotoluene	6.990	6.217	6.547	5.631	5.711	5.710	6.135	E3	8.99
5)	M	3-Nitrotoluene	8.643	8.232	8.294	7.171	7.269	7.272	7.813	E3	8.29
17)	M	Nitroglycerine	6.976	5.879	6.127	6.126	5.917	5.725	6.125	E4	7.26
18)	M	PETN	1.019	1.044	1.102	0.907	0.980	0.941	0.999	E4	7.12

I=#124264

(#) = Out of Range ### Number of calibration levels exceeded format ###

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jun 03 10:48:26 2009
Response via : Initial Calibration

Continuing Calibration File: F602_001.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.719	E3	-8.3	110
2	S	4-Nitroaniline	4.629	4.952	E3	-7.0	118
3	M	RDX	5.893	6.271	E3	-6.4	117
4	T	1,3,5-Trinitrobenzene	12.970	13.965	E3	-7.7	115
5	M	1,3-Dinitrobenzene	18.206	19.744	E3	-8.4	117
6	M	3,5-Dinitroaniline	14.225	14.123	E3	0.7	110
7	M	Nitrobenzene	11.299	12.265	E3	-8.6	115
8	T	Tetryl	8.788	8.946	E3	-1.8	116
9	T	2,4,6-Trinitrotoluene	12.651	14.457	E3	-14.3	120
10	M	2-Amino-4,6-Dinitrotoluene	11.860	12.996	E3	-9.6	119
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.968	E3	-9.0	119
12	M	2,4-Dinitrotoluene	16.908	18.125	E3	-7.2	115
13	T	2,6-Dinitrotoluene	9.051	9.894	E3	-9.3	122
14	M	2-Nitrotoluene	7.298	7.787	E3	-6.7	116
15	T	4-Nitrotoluene	6.135	6.539	E3	-6.6	116
16	M	3-Nitrotoluene	7.813	8.261	E3	-5.7	115
17	M	Nitroglycerine	61.253	61.482	E3	-0.4	100
18	M	PETN	9.987	10.197	E3	-2.1	112

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jun 03 10:48:12 2009
Response via : Initial Calibration

Continuing Calibration File: F602_012.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.925	E3	-13.1	115
2	S	4-Nitroaniline	4.629	4.712	E3	-1.8	113
3	M	RDX	5.893	6.292	E3	-6.8	117
4	T	1,3,5-Trinitrobenzene	12.970	13.806	E3	-6.4	114
5	M	1,3-Dinitrobenzene	18.206	19.491	E3	-7.1	116
6	M	3,5-Dinitroaniline	14.225	14.123	E3	0.7	110
7	M	Nitrobenzene	11.299	12.148	E3	-7.5	114
8	T	Tetryl	8.788	8.500	E3	3.3	110
9	T	2,4,6-Trinitrotoluene	12.651	14.684	E3	-16.1	122
10	M	2-Amino-4,6-Dinitrotoluene	11.860	12.913	E3	-8.9	118
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.690	E3	-5.7	115
12	M	2,4-Dinitrotoluene	16.908	17.762	E3	-5.1	113
13	T	2,6-Dinitrotoluene	9.051	9.491	E3	-4.9	117
14	M	2-Nitrotoluene	7.298	7.347	E3	-0.7	109
15	T	4-Nitrotoluene	6.135	5.996	E3	2.3	106
16	M	3-Nitrotoluene	7.813	8.118	E3	-3.9	113
17	M	Nitroglycerine	61.253	61.482	E3	-0.4	100
18	M	PETN	9.987	10.197	E3	-2.1	112

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jun 03 10:47:53 2009
Response via : Initial Calibration

Continuing Calibration File: F602_023.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.755	E3	-9.2	111
2	S	4-Nitroaniline	4.629	4.616	E3	0.3	110
3	M	RDX	5.893	6.370	E3	-8.1	118
4	T	1,3,5-Trinitrobenzene	12.970	13.897	E3	-7.1	115
5	M	1,3-Dinitrobenzene	18.206	19.614	E3	-7.7	116
6	M	3,5-Dinitroaniline	14.225	14.123	E3	0.7	110
7	M	Nitrobenzene	11.299	12.239	E3	-8.3	115
8	T	Tetryl	8.788	8.296	E3	5.6	107
9	T	2,4,6-Trinitrotoluene	12.651	14.175	E3	-12.1	117
10	M	2-Amino-4,6-Dinitrotoluene	11.860	12.554	E3	-5.8	115
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.561	E3	-4.1	114
12	M	2,4-Dinitrotoluene	16.908	18.030	E3	-6.6	115
13	T	2,6-Dinitrotoluene	9.051	9.617	E3	-6.3	119
14	M	2-Nitrotoluene	7.298	7.749	E3	-6.2	115
15	T	4-Nitrotoluene	6.135	6.599	E3	-7.6	117
16	M	3-Nitrotoluene	7.813	8.291	E3	-6.1	116
17	M	Nitroglycerine	61.253	61.482	E3	-0.4	100
18	M	PETN	9.987	10.197	E3	-2.1	112

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F602_023.D 9323P833.M Wed Jun 03 10:48:00 2009

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jun 03 10:43:12 2009
Response via : Initial Calibration

Continuing Calibration File: F602_035.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.865	E3	-11.7	113
2	S	4-Nitroaniline	4.629	4.780	E3	-3.3	114
3	M	RDX	5.893	6.214	E3	-5.5	116
4	T	1,3,5-Trinitrobenzene	12.970	13.910	E3	-7.2	115
5	M	1,3-Dinitrobenzene	18.206	19.697	E3	-8.2	117
6	M	3,5-Dinitroaniline	14.225	14.123	E3	0.7	110
7	M	Nitrobenzene	11.299	12.293	E3	-8.8	116
8	T	Tetryl	8.788	8.379	E3	4.7	109
9	T	2,4,6-Trinitrotoluene	12.651	14.565	E3	-15.1	121
10	M	2-Amino-4,6-Dinitrotoluene	11.860	12.859	E3	-8.4	117
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.690	E3	-5.7	115
12	M	2,4-Dinitrotoluene	16.908	18.199	E3	-7.6	116
13	T	2,6-Dinitrotoluene	9.051	9.577	E3	-5.8	118
14	M	2-Nitrotoluene	7.298	7.792	E3	-6.8	116
15	T	4-Nitrotoluene	6.135	6.583	E3	-7.3	117
16	M	3-Nitrotoluene	7.813	8.305	E3	-6.3	116
17	M	Nitroglycerine	61.253	61.482	E3	-0.4	100
18	M	PETN	9.987	10.197	E3	-2.1	112

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Wed Jun 03 13:19:08 2009
Response via : Initial Calibration

Continuing Calibration File: F603_001.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.694	E3	-7.7	110
2	S	4-Nitroaniline	4.629	4.756	E3	-2.8	114
3	M	RDX	5.893	6.195	E3	-5.1	115
4	T	1,3,5-Trinitrobenzene	12.970	13.831	E3	-6.6	114
5	M	1,3-Dinitrobenzene	18.206	19.461	E3	-6.9	116
6	M	3,5-Dinitroaniline	14.225	13.849	E3	2.6	108
7	M	Nitrobenzene	11.299	12.128	E3	-7.3	114
8	T	Tetryl	8.788	8.624	E3	1.9	112
9	T	2,4,6-Trinitrotoluene	12.651	14.226	E3	-12.5	118
10	M	2-Amino-4,6-Dinitrotoluene	11.860	12.770	E3	-7.7	117
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.610	E3	-4.7	114
12	M	2,4-Dinitrotoluene	16.908	17.864	E3	-5.7	114
13	T	2,6-Dinitrotoluene	9.051	9.600	E3	-6.1	119
14	M	2-Nitrotoluene	7.298	7.729	E3	-5.9	115
15	T	4-Nitrotoluene	6.135	6.519	E3	-6.3	116
16	M	3-Nitrotoluene	7.813	8.253	E3	-5.6	115
17	M	Nitroglycerine	61.253	61.482	E3	-0.4	100
18	M	PETN	9.987	10.188	E3	-2.0	112

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Response Factor Report LCD

Method : H:\LCDATA\LCD\METHODS\9507C883.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Fri May 08 12:49:25 2009

Calibration Files
LEV1 =LCD47799.D LEV2 =LCD47792.D LEV3 =LCD47793.D
LEV4 =LCD47794.D LEV5 =LCD47795.D LEV6 =LCD47796.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	LEV6	Avg		%RSD
1)	T	HMX	5.829	5.311	5.267	5.273	5.325	5.125	5.355	E4	4.53
2)	S	4-Nitroaniline	5.544	7.291	5.357	5.413	5.443	5.203	5.709	E4	13.72
3)	T	1,3,5-Trinitrobenze	1.465	1.545	1.508	1.498	1.504	1.441	1.494	E5	2.43
4)	T	Tetryl	1.071	1.074	1.062	1.036	1.045	0.999	1.048	E5	2.66
5)	T	2,4,6-Trinitrotolue	1.420	1.477	1.431	1.421	1.427	1.372	1.424	E5	2.35
6)	T	4-Amino-2,6-Dinitro	2.365	2.474	2.460	2.448	2.469	2.367	2.431	E5	2.08
7)	T	2,6-Dinitrotoluene	1.022	1.140	1.045	1.021	1.032	0.989	1.041	E5	4.97
8)	T	4-Nitrotoluene	7.575	7.752	7.630	7.644	7.706	7.412	7.620	E4	1.56
9)	M	RDX	6.857	6.949	6.959	6.963	7.046	6.761	6.923	E4	1.43
10)	M	1,3-Dinitrobenzene	2.065	2.180	2.176	2.170	2.185	2.096	2.146	E5	2.40
11)	M	Nitrobenzene	1.371	1.383	1.355	1.368	1.386	1.340	1.367	E5	1.27
12)	M	2-Amino-4,6-Dinitro	2.345	2.474	2.460	2.448	2.469	2.367	2.427	E5	2.32
13)	M	2,4-Dinitrotoluene	2.024	2.015	2.035	2.026	2.041	1.953	2.016	E5	1.60
14)	M	2-Nitrotoluene	8.090	9.049	8.894	8.955	9.034	8.708	8.788	E4	4.14
15)	M	3-Nitrotoluene	9.361	9.707	9.564	9.552	9.676	9.318	9.530	E4	1.68
16)	M	Nitroglycerine	7.177	6.418	7.065	7.013	7.151	7.091	6.986	E5	4.07
17)	M	3,5-Dinitroaniline	1.695	1.667	1.669	1.670	1.672	1.663	1.672	E5	0.68
18)		PETN							0.000	0	-1.00

(#) = Out of Range ### Number of calibration levels exceeded format ###

Continuing Calibration Report LCD

Method : H:\LCDATA\LCD\METHODS\9507C883.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Wed Jun 03 12:08:18 2009
Response via : Initial Calibration

Continuing Calibration File: LCD47996.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	53.553	53.246	E3	0.6	101
2	S	4-Nitroaniline	57.087	53.324	E3	6.6	99
3	T	1,3,5-Trinitrobenzene	149.351	151.626	E3	-1.5	101
4	T	Tetryl	104.765	105.519	E3	-0.7	102
5	T	2,4,6-Trinitrotoluene	142.443	140.650	E3	1.3	99
6	T	4-Amino-2,6-Dinitrotoluene	243.052	241.522	E3	0.6	99
7	T	2,6-Dinitrotoluene	104.131	101.355	E3	2.7	99
8	T	4-Nitrotoluene	76.197	76.789	E3	-0.8	100
9	M	RDX	69.226	69.883	E3	-0.9	100
10	M	1,3-Dinitrobenzene	214.558	217.136	E3	-1.2	100
11	M	Nitrobenzene	136.709	138.210	E3	-1.1	101
12	M	2-Amino-4,6-Dinitrotoluene	242.717	241.522	E3	0.5	99
13	M	2,4-Dinitrotoluene	201.560	201.032	E3	0.3	99
14	M	2-Nitrotoluene	87.881	89.893	E3	-2.3	100
15	M	3-Nitrotoluene	95.295	95.840	E3	-0.6	100
16	M	Nitroglycerine	698.582	767.708	E3	-9.9	109
17	M	3,5-Dinitroaniline	167.240	167.108	E3	0.1	100
18		PETN	0.000	0.000		0.0	0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LCD47996.D 9507C883.M Wed Jun 03 12:08:23 2009

Continuing Calibration Report LCD

Method : H:\LCDATA\LCD\METHODS\9507C883.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Wed Jun 03 12:08:07 2009
Response via : Initial Calibration

Continuing Calibration File: LCD48007.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	53.553	53.659	E3	-0.2	102
2	S	4-Nitroaniline	57.087	53.063	E3	7.0	98
3	T	1,3,5-Trinitrobenzene	149.351	151.009	E3	-1.1	101
4	T	Tetryl	104.765	104.466	E3	0.3	101
5	T	2,4,6-Trinitrotoluene	142.443	142.710	E3	-0.2	100
6	T	4-Amino-2,6-Dinitrotoluene	243.052	245.180	E3	-0.9	100
7	T	2,6-Dinitrotoluene	104.131	100.686	E3	3.3	99
8	T	4-Nitrotoluene	76.197	76.590	E3	-0.5	100
9	M	RDX	69.226	69.828	E3	-0.9	100
10	M	1,3-Dinitrobenzene	214.558	215.261	E3	-0.3	99
11	M	Nitrobenzene	136.709	136.765	E3	-0.0	100
12	M	2-Amino-4,6-Dinitrotoluene	242.717	245.180	E3	-1.0	100
13	M	2,4-Dinitrotoluene	201.560	200.135	E3	0.7	99
14	M	2-Nitrotoluene	87.881	87.344	E3	0.6	98
15	M	3-Nitrotoluene	95.295	95.235	E3	0.1	100
16	M	Nitroglycerine	698.582	767.708	E3	-9.9	109
17	M	3,5-Dinitroaniline	167.240	167.108	E3	0.1	100
18		PETN	0.000	0.000		0.0	0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Continuing Calibration Report LCD

Method : H:\LCDATA\LCD\METHODS\9507C883.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Wed Jun 03 12:07:54 2009
Response via : Initial Calibration

Continuing Calibration File: LCD48018.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	53.553	53.967	E3	-0.8	102
2	S	4-Nitroaniline	57.087	53.425	E3	6.4	99
3	T	1,3,5-Trinitrobenzene	149.351	151.059	E3	-1.1	101
4	T	Tetryl	104.765	102.663	E3	2.0	99
5	T	2,4,6-Trinitrotoluene	142.443	140.497	E3	1.4	99
6	T	4-Amino-2,6-Dinitrotoluene	243.052	245.658	E3	-1.1	100
7	T	2,6-Dinitrotoluene	104.131	101.201	E3	2.8	99
8	T	4-Nitrotoluene	76.197	76.996	E3	-1.0	101
9	M	RDX	69.226	69.942	E3	-1.0	100
10	M	1,3-Dinitrobenzene	214.558	216.148	E3	-0.7	100
11	M	Nitrobenzene	136.709	136.754	E3	-0.0	100
12	M	2-Amino-4,6-Dinitrotoluene	242.717	245.658	E3	-1.2	100
13	M	2,4-Dinitrotoluene	201.560	200.720	E3	0.4	99
14	M	2-Nitrotoluene	87.881	87.412	E3	0.5	98
15	M	3-Nitrotoluene	95.295	95.516	E3	-0.2	100
16	M	Nitroglycerine	698.582	767.708	E3	-9.9	109
17	M	3,5-Dinitroaniline	167.240	167.108	E3	0.1	100
18		PETN	0.000	0.000		0.0	0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0
LCD48018.D 9507C883.M Wed Jun 03 12:07:59 2009

GPL Laboratories

GPL
FORM 1
ANALYSIS DATA SHEET

SAMPLE NO
BLK110013

Lab Name :	GPL Laboratories	Client. :	McTech Corp.
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	905185
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BLK110013
Sample Volume :	2	Lab File ID :	F602_002.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	06/01/2009
Extract Volume:	20 mL	Date Analyzed	06/02/2009
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.10	U
99-65-0	1,3-Dinitrobenzene	0.10	U
118-96-7	2,4,6-Trinitrotoluene	0.10	U
121-14-2	2,4-Dinitrotoluene	0.10	U
606-20-2	2,6-Dinitrotoluene	0.10	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.10	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.10	U
2691-41-0	HMX	0.20	U
98-95-3	Nitrobenzene	0.10	U
121-82-4	RDX	0.20	U
479-45-8	Tetryl	0.20	U
99-08-1	m-Nitrotoluene	0.20	U
88-72-2	o-Nitrotoluene	0.20	U
99-99-0	p-Nitrotoluene	0.20	U

Analytical Report For 905186

for

McTech Corp.

Project Manager: Kim Chambers

Project Name: Plum Brook

GPL

Laboratories

GPL Laboratories, LLLP certifies that the test results meet all requirements of the NELAC Standards unless otherwise noted.

Pee

Reviewed By,
Project Manager

Approved By,
Laboratory Director

The Case Narrative, Chain of Custody, Sample Receipt Checklist, and the cover page of the Sample Analysis Report, are integral parts of GPL Laboratories' report package. If you did not receive all of these documents, please contact GPL immediately.

Sample Receipt

Twenty soil samples were received on 05/29/2009. The samples were delivered by Federal Express. Sample receipt conditions and temperatures are documented on the Sample Receipt checklist.

Sample Analysis

Samples were prepared and analyzed by GPL using the analytical methodologies indicated on the Sample Analysis Summary Report. In some chromatographic analyses, manual integration is used instead of automated integration because it produces more accurate results. All manual integrations are denoted on the sample quantitation report. Analysis results and limits for soil are reported on a dry weight basis unless otherwise specified on the report.

Explosives/Propellants

Twenty soil samples were extracted and analyzed for explosives compounds using the EPA-SW846 method SW8330.

Both extraction and analysis holding times were met.

Sample 200708M-RR-423 was diluted at 1:2 to bring the concentration within the calibration limits.

The samples were reanalyzed on a second different column for confirmation.

Due to matrix interferences, the surrogate recoveries for samples 200708M-RR-418, 200708M-RR-420 and 200708M-RR-420 were not recovered in the primary analyses due to matrix interference; therefore, these surrogate recoveries were reported from confirmation analyses. The surrogate recovery for the diluted sample could not be accurately calculated due to the dilution factor. All other surrogate recoveries were within the QC limits.

The matrix spike and matrix spike duplicate analyses were performed on sample 200708M-RR-413. Due to matrix interference, the spike recovery for HMX, 4-Amino-2,6-Dinitrotoluene and RDX in both MS/MSD were above the QC limits. All other recoveries were within the QC limits.

A laboratory control sample was extracted and analyzed along with this batch. All recoveries were within the QC limits.

Manual integration was performed on some data files, when automatic integration provided by the software was inappropriate.

Pee

Reviewed By,
Project Manager

Approved By,
Laboratory Director

Sample Summary Report

McTech Corp.

Work Order: 905186

Client Sample ID	Lab Sample ID	Analytical Method	Matrix	Date Sampled	Date Recieved
200708M-RR-413	905186-001-001-1/1	SW8330	SOIL	05/27/2009	05/29/2009
200708M-RR-414	905186-002-002-1/1	SW8330	SOIL	05/27/2009	05/29/2009
200708M-RR-415	905186-003-003-1/1	SW8330	SOIL	05/27/2009	05/29/2009
200708M-RR-416	905186-004-004-1/1	SW8330	SOIL	05/27/2009	05/29/2009
200708M-RR-417	905186-005-005-1/1	SW8330	SOIL	05/27/2009	05/29/2009
200708M-RR-418	905186-006-006-1/1	SW8330	SOIL	05/27/2009	05/29/2009
200708M-RR-419	905186-007-007-1/1	SW8330	SOIL	05/27/2009	05/29/2009
200708M-RR-420	905186-008-008-1/1	SW8330	SOIL	05/27/2009	05/29/2009
200708M-RR-421	905186-009-009-1/1	SW8330	SOIL	05/28/2009	05/29/2009
200708M-RR-422	905186-010-010-1/1	SW8330	SOIL	05/28/2009	05/29/2009
20[illegible]M-RR-423	905186-011-011-1/1	SW8330	SOIL	05/28/2009	05/29/2009
200708M-RR-423DL	905186-011-011-1/1DL	SW8330	SOIL	05/28/2009	05/29/2009
200708M-RR-424	905186-012-012-1/1	SW8330	SOIL	05/28/2009	05/29/2009
200708M-RR-425	905186-013-013-1/1	SW8330	SOIL	05/28/2009	05/29/2009
200708M-RR-426	905186-014-014-1/1	SW8330	SOIL	05/28/2009	05/29/2009
200708M-RR-427	905186-015-015-1/1	SW8330	SOIL	05/28/2009	05/29/2009
200708M-RR-428	905186-016-016-1/1	SW8330	SOIL	05/28/2009	05/29/2009
200708M-RR-429	905186-017-017-1/1	SW8330	SOIL	05/28/2009	05/29/2009
200708M-RR-430	905186-018-018-1/1	SW8330	SOIL	05/28/2009	05/29/2009
200708M-RR-431	905186-019-019-1/1	SW8330	SOIL	05/28/2009	05/29/2009
200708M-RR-432	905186-020-020-1/1	SW8330	SOIL	05/28/2009	05/29/2009

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-413	Lab Sample ID:	905186-001-001-1/1
Sample Date/Time:	05/27/2009 10:00	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**12**		**0.10**	**1**	**mg/kg**	**06/03/09**	**14:07**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**4.9**		**0.10**	**1**	**mg/kg**	**06/03/09**	**14:07**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/03/09	14:07
4)	**2,4-Dinitrotoluene**	**121-14-2**	**5.7**		**0.10**	**1**	**mg/kg**	**06/03/09**	**14:07**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.95**		**0.10**	**1**	**mg/kg**	**06/03/09**	**14:07**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**1.1**		**0.10**	**1**	**mg/kg**	**06/03/09**	**14:07**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/03/09	14:07
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	14:07
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	14:07
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	14:07
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	14:07
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	14:07
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	14:07
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	14:07

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	42 %	30 - 130	1	06/03/09	14:07

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-414	Lab Sample ID:	905186-002-002-1/1
Sample Date/Time:	05/27/2009 10:15	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**1.8**		**0.10**	**1**	**mg/kg**	**06/03/09**	**14:32**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**0.46**		**0.10**	**1**	**mg/kg**	**06/03/09**	**14:32**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/03/09	14:32
4)	**2,4-Dinitrotoluene**	**121-14-2**	**1.3**		**0.10**	**1**	**mg/kg**	**06/03/09**	**14:32**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.23**		**0.10**	**1**	**mg/kg**	**06/03/09**	**14:32**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/03/09	14:32
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/03/09	14:32
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	14:32
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	14:32
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	14:32
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	14:32
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	14:32
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	14:32
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	14:32

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	90 %	30 - 130	1	06/03/09	14:32

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-415	Lab Sample ID:	905186-003-003-1/1
Sample Date/Time:	05/27/2009 10:30	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**3.2**		**0.10**	**1**	**mg/kg**	**06/03/09**	**14:56**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**1.0**		**0.10**	**1**	**mg/kg**	**06/03/09**	**14:56**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/03/09	14:56
4)	**2,4-Dinitrotoluene**	**121-14-2**	**4.0**		**0.10**	**1**	**mg/kg**	**06/03/09**	**14:56**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.61**		**0.10**	**1**	**mg/kg**	**06/03/09**	**14:56**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/03/09	14:56
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/03/09	14:56
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	14:56
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	14:56
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	14:56
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	14:56
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	14:56
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	14:56
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	14:56

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	77 %	30 - 130	1	06/03/09	14:56

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl[illegible] Sample ID:	200708M-RR-416	Lab Sample ID:	905186-004-004-1/1
Sample Date/Time:	05/27/2009 10:45	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**19**		**0.10**	**1**	**mg/kg**	**06/03/09**	**15:21**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/03/09	15:21
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/03/09	15:21
4)	**2,4-Dinitrotoluene**	**121-14-2**	**16**		**0.10**	**1**	**mg/kg**	**06/03/09**	**15:21**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**2.6**		**0.10**	**1**	**mg/kg**	**06/03/09**	**15:21**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/03/09	15:21
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/03/09	15:21
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	15:21
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	15:21
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	15:21
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	15:21
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	15:21
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	15:21
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	15:21

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	104 %	30 - 130	1	06/03/09	15:21

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl. Sample ID:	200708M-RR-417	Lab Sample ID:	905186-005-005-1/1
Sample Date/Time:	05/27/2009 11:00	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**7.2**		**0.10**	**1**	**mg/kg**	**06/03/09**	**15:45**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**3.0**		**0.10**	**1**	**mg/kg**	**06/03/09**	**15:45**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/03/09	15:45
4)	**2,4-Dinitrotoluene**	**121-14-2**	**7.5**		**0.10**	**1**	**mg/kg**	**06/03/09**	**15:45**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**1.1**		**0.10**	**1**	**mg/kg**	**06/03/09**	**15:45**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/03/09	15:45
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/03/09	15:45
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	15:45
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	15:45
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	15:45
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	15:45
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	15:45
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	15:45
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	15:45

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	102 %	30 - 130	1	06/03/09	15:45

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-418	Lab Sample ID:	905186-006-006-1/1
Sample Date/Time:	05/27/2009 12:15	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**22**		**0.10**	**1**	**mg/kg**	**06/03/09**	**16:10**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**7.8**		**0.10**	**1**	**mg/kg**	**06/03/09**	**16:10**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/03/09	16:10
4)	**2,4-Dinitrotoluene**	**121-14-2**	**19**		**0.10**	**1**	**mg/kg**	**06/03/09**	**16:10**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**3.1**		**0.10**	**1**	**mg/kg**	**06/03/09**	**16:10**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**2.0**		**0.10**	**1**	**mg/kg**	**06/03/09**	**16:10**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/03/09	16:10
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	16:10
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	16:10
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	16:10
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	16:10
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	16:10
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	16:10
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	16:10

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	118 %	30 - 130	1	06/03/09	16:10

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli[illegible] Sample ID:	200708M-RR-419	Lab Sample ID:	905186-007-007-1/1
Sample Date/Time:	05/27/2009 12:30	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**3.9**		**0.10**	**1**	**mg/kg**	**06/03/09**	**16:59**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**2.4**		**0.10**	**1**	**mg/kg**	**06/03/09**	**16:59**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/03/09	16:59
4)	**2,4-Dinitrotoluene**	**121-14-2**	**4.6**		**0.10**	**1**	**mg/kg**	**06/03/09**	**16:59**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.85**		**0.10**	**1**	**mg/kg**	**06/03/09**	**16:59**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/03/09	16:59
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/03/09	16:59
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	16:59
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	16:59
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	16:59
11)	[illegible]tryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	16:59
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	16:59
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	16:59
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	16:59

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	81 %	30 - 130	1	06/03/09	16:59

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M-RR-420	Lab Sample ID:	905186-008-008-1/1
Sample Date/Time:	05/27/2009 12:45	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**10**		**0.10**	**1**	**mg/kg**	**06/03/09**	**17:24**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**4.1**		**0.10**	**1**	**mg/kg**	**06/03/09**	**17:24**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/03/09	17:24
4)	**2,4-Dinitrotoluene**	**121-14-2**	**10**		**0.10**	**1**	**mg/kg**	**06/03/09**	**17:24**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**1.4**		**0.10**	**1**	**mg/kg**	**06/03/09**	**17:24**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/03/09	17:24
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/03/09	17:24
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	17:24
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	17:24
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	17:24
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	17:24
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	17:24
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	17:24
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	17:24

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	122 %	30 - 130	1	06/03/09	17:24

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli. Sample ID:	200708M-RR-421	Lab Sample ID:	905186-009-009-1/1
Sample Date/Time:	05/28/2009 10:00	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**10**		**0.10**	**1**	**mg/kg**	**06/03/09**	**17:48**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**3.7**		**0.10**	**1**	**mg/kg**	**06/03/09**	**17:48**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/03/09	17:48
4)	**2,4-Dinitrotoluene**	**121-14-2**	**9.7**		**0.10**	**1**	**mg/kg**	**06/03/09**	**17:48**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**1.2**		**0.10**	**1**	**mg/kg**	**06/03/09**	**17:48**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/03/09	17:48
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/03/09	17:48
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	17:48
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	17:48
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	17:48
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	17:48
12)	m-Nitrotoluene	99-08-1	0.20	J	0.20	1	mg/kg	06/03/09	17:48
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	17:48
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	17:48

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	114 %	30 - 130	1	06/03/09	17:48

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M-RR-422	Lab Sample ID:	905186-010-010-1/1
Sample Date/Time:	05/28/2009 10:15	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**14**		**0.10**	**1**	**mg/kg**	**06/03/09**	**18:13**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**6.0**		**0.10**	**1**	**mg/kg**	**06/03/09**	**18:13**
3)	2,4,6-Trinitrotoluene	118-96-7	0.054	J	0.10	1	mg/kg	06/03/09	18:13
4)	**2,4-Dinitrotoluene**	**121-14-2**	**16**		**0.10**	**1**	**mg/kg**	**06/03/09**	**18:13**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**2.5**		**0.10**	**1**	**mg/kg**	**06/03/09**	**18:13**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/03/09	18:13
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/03/09	18:13
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	18:13
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	18:13
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	18:13
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	18:13
12)	Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	18:13
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	18:13
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	18:13

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	95 %	30 - 130	1	06/03/09	18:13

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl. Sample ID:	200708M-RR-423	Lab Sample ID:	905186-011-011-1/1
Sample Date/Time:	05/28/2009 10:30	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**31**	**E**	**0.10**	**1**	**mg/kg**	**06/03/09**	**18:38**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**15**		**0.10**	**1**	**mg/kg**	**06/03/09**	**18:38**
3)	**2,4,6-Trinitrotoluene**	**118-96-7**	**0.13**		**0.10**	**1**	**mg/kg**	**06/03/09**	**18:38**
4)	**2,4-Dinitrotoluene**	**121-14-2**	**27**	**E**	**0.10**	**1**	**mg/kg**	**06/03/09**	**18:38**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**3.4**		**0.10**	**1**	**mg/kg**	**06/03/09**	**18:38**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**1.9**		**0.10**	**1**	**mg/kg**	**06/03/09**	**18:38**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/03/09	18:38
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	18:38
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	18:38
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	18:38
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	18:38
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	18:38
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	18:38
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	18:38

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	114 %	30 - 130	1	06/03/09	18:38

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-423DL	Lab Sample ID:	905186-011-011-1/1DL
Sample Date/Time:	05/28/2009 10:30	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**29**		**0.20**	**2**	**mg/kg**	**06/04/09**	**18:16**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.20	2	mg/kg	06/04/09	18:16
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.20	2	mg/kg	06/04/09	18:16
4)	**2,4-Dinitrotoluene**	**121-14-2**	**26**		**0.20**	**2**	**mg/kg**	**06/04/09**	**18:16**
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.20	2	mg/kg	06/04/09	18:16
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.20	2	mg/kg	06/04/09	18:16
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.20	2	mg/kg	06/04/09	18:16
8)	HMX	2691-41-0	BQL	U	0.40	2	mg/kg	06/04/09	18:16
9)	Nitrobenzene	98-95-3	BQL	U	0.20	2	mg/kg	06/04/09	18:16
10)	RDX	121-82-4	BQL	U	0.40	2	mg/kg	06/04/09	18:16
11)	Tetryl	479-45-8	BQL	U	0.40	2	mg/kg	06/04/09	18:16
12)	m-Nitrotoluene	99-08-1	BQL	U	0.40	2	mg/kg	06/04/09	18:16
13)	o-Nitrotoluene	88-72-2	BQL	U	0.40	2	mg/kg	06/04/09	18:16
14)	p-Nitrotoluene	99-99-0	BQL	U	0.40	2	mg/kg	06/04/09	18:16

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	**4-Nitroaniline**	**100-01-6**	**0 %**	**30 - 130**	**2**	**06/04/09**	**18:16**

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-424	Lab Sample ID:	905186-012-012-1/1
Sample Date/Time:	05/28/2009 10:45	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**1.5**		**0.10**	**1**	**mg/kg**	**06/03/09**	**19:02**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**0.77**		**0.10**	**1**	**mg/kg**	**06/03/09**	**19:02**
3)	2,4,6-Trinitrotoluene	118-96-7	0.040	J	0.10	1	mg/kg	06/03/09	19:02
4)	**2,4-Dinitrotoluene**	**121-14-2**	**2.9**		**0.10**	**1**	**mg/kg**	**06/03/09**	**19:02**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.46**		**0.10**	**1**	**mg/kg**	**06/03/09**	**19:02**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/03/09	19:02
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/03/09	19:02
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	19:02
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	19:02
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	19:02
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	19:02
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	19:02
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	19:02
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	19:02

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	113 %	30 - 130	1	06/03/09	19:02

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-425	Lab Sample ID:	905186-013-013-1/1
Sample Date/Time:	05/28/2009 11:00	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**2.4**		**0.10**	**1**	**mg/kg**	**06/03/09**	**19:27**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**0.44**		**0.10**	**1**	**mg/kg**	**06/03/09**	**19:27**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/03/09	19:27
4)	**2,4-Dinitrotoluene**	**121-14-2**	**1.8**		**0.10**	**1**	**mg/kg**	**06/03/09**	**19:27**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.36**		**0.10**	**1**	**mg/kg**	**06/03/09**	**19:27**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.19**		**0.10**	**1**	**mg/kg**	**06/03/09**	**19:27**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/03/09	19:27
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	19:27
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	19:27
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	19:27
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	19:27
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	19:27
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	19:27
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	19:27

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	117 %	30 - 130	1	06/03/09	19:27

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-426	Lab Sample ID:	905186-014-014-1/1
Sample Date/Time:	05/28/2009 12:00	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/03/09	19:52
2)	1,3-Dinitrobenzene	99-65-0	0.086	J	0.10	1	mg/kg	06/03/09	19:52
3)	**2,4,6-Trinitrotoluene**	**118-96-7**	**0.71**		**0.10**	**1**	**mg/kg**	**06/03/09**	**19:52**
4)	**2,4-Dinitrotoluene**	**121-14-2**	**0.21**		**0.10**	**1**	**mg/kg**	**06/03/09**	**19:52**
5)	2,6-Dinitrotoluene	606-20-2	0.036	J	0.10	1	mg/kg	06/03/09	19:52
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.23**		**0.10**	**1**	**mg/kg**	**06/03/09**	**19:52**
7)	**4-Amino-2,6-Dinitrotoluene**	**19406-51-0**	**0.23**		**0.10**	**1**	**mg/kg**	**06/03/09**	**19:52**
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	19:52
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	19:52
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	19:52
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	19:52
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	19:52
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	19:52
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	19:52

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	99 %	30 - 130	1	06/03/09	19:52

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli[illegible] Sample ID:	200708M-RR-427	Lab Sample ID:	905186-015-015-1/1
Sample Date/Time:	05/28/2009 12:15	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/03/09	20:16
2)	1,3-Dinitrobenzene	99-65-0	0.011	J	0.10	1	mg/kg	06/03/09	20:16
3)	**2,4,6-Trinitrotoluene**	**118-96-7**	**0.31**		**0.10**	**1**	**mg/kg**	**06/03/09**	**20:16**
4)	**2,4-Dinitrotoluene**	**121-14-2**	**0.12**		**0.10**	**1**	**mg/kg**	**06/03/09**	**20:16**
5)	2,6-Dinitrotoluene	606-20-2	0.031	J	0.10	1	mg/kg	06/03/09	20:16
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.25**		**0.10**	**1**	**mg/kg**	**06/03/09**	**20:16**
7)	**4-Amino-2,6-Dinitrotoluene**	**19406-51-0**	**0.22**		**0.10**	**1**	**mg/kg**	**06/03/09**	**20:16**
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	20:16
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	20:16
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	20:16
11)	[illegible]tryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	20:16
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	20:16
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	20:16
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	20:16

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	94 %	30 - 130	1	06/03/09	20:16

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-428	Lab Sample ID:	905186-016-016-1/1
Sample Date/Time:	05/28/2009 12:30	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**0.32**		**0.10**	**1**	**mg/kg**	**06/03/09**	**20:41**
2)	1,3-Dinitrobenzene	99-65-0	0.033	J	0.10	1	mg/kg	06/03/09	20:41
3)	**2,4,6-Trinitrotoluene**	**118-96-7**	**0.16**		**0.10**	**1**	**mg/kg**	**06/03/09**	**20:41**
4)	**2,4-Dinitrotoluene**	**121-14-2**	**0.14**		**0.10**	**1**	**mg/kg**	**06/03/09**	**20:41**
5)	2,6-Dinitrotoluene	606-20-2	0.038	J	0.10	1	mg/kg	06/03/09	20:41
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.25**		**0.10**	**1**	**mg/kg**	**06/03/09**	**20:41**
7)	**4-Amino-2,6-Dinitrotoluene**	**19406-51-0**	**0.31**		**0.10**	**1**	**mg/kg**	**06/03/09**	**20:41**
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	20:41
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	20:41
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	20:41
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	20:41
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	20:41
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	20:41
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	20:41

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	115 %	30 - 130	1	06/03/09	20:41

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-429	Lab Sample ID:	905186-017-017-1/1
Sample Date/Time:	05/28/2009 12:45	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**0.86**		**0.10**	**1**	**mg/kg**	**06/03/09**	**21:30**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/03/09	21:30
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/03/09	21:30
4)	2,4-Dinitrotoluene	121-14-2	0.062	J	0.10	1	mg/kg	06/03/09	21:30
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/03/09	21:30
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	0.039	J	0.10	1	mg/kg	06/03/09	21:30
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	0.088	J	0.10	1	mg/kg	06/03/09	21:30
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	21:30
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	21:30
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	21:30
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	21:30
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	21:30
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	21:30
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	21:30

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	89 %	30 - 130	1	06/03/09	21:30

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli[illegible] Sample ID:	200708M-RR-430	Lab Sample ID:	905186-018-018-1/1
Sample Date/Time:	05/28/2009 01:00	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**4.5**		**0.10**	**1**	**mg/kg**	**06/03/09**	**21:55**
2)	**1,3-Dinitrobenzene**	**99-65-0**	**2.2**		**0.10**	**1**	**mg/kg**	**06/03/09**	**21:55**
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/03/09	21:55
4)	**2,4-Dinitrotoluene**	**121-14-2**	**8.9**		**0.10**	**1**	**mg/kg**	**06/03/09**	**21:55**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**1.3**		**0.10**	**1**	**mg/kg**	**06/03/09**	**21:55**
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/03/09	21:55
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/03/09	21:55
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	21:55
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	21:55
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	21:55
11)	[illegible]tryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	21:55
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	21:55
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	21:55
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	21:55

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	128 %	30 - 130	1	06/03/09	21:55

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl[illegible] Sample ID:	200708M-RR-431	Lab Sample ID:	905186-019-019-1/1
Sample Date/Time:	05/28/2009 01:15	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**1.9**		**0.10**	**1**	**mg/kg**	**06/03/09**	**22:19**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/03/09	22:19
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/03/09	22:19
4)	**2,4-Dinitrotoluene**	**121-14-2**	**4.1**		**0.10**	**1**	**mg/kg**	**06/03/09**	**22:19**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.66**		**0.10**	**1**	**mg/kg**	**06/03/09**	**22:19**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.49**		**0.10**	**1**	**mg/kg**	**06/03/09**	**22:19**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/03/09	22:19
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	22:19
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	22:19
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	22:19
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	22:19
12)	m-Nitrotoluene	99-08-1	0.081	J	0.20	1	mg/kg	06/03/09	22:19
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	22:19
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	22:19

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	101 %	30 - 130	1	06/03/09	22:19

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl. Sample ID:	200708M-RR-432	Lab Sample ID:	905186-020-020-1/1
Sample Date/Time:	05/28/2009 01:30	Percent Moisture:	NA
Receipt Date/Time:	05/29/2009 11:36	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/02/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	0.067	J	0.10	1	mg/kg	06/03/09	22:44
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/03/09	22:44
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/03/09	22:44
4)	**2,4-Dinitrotoluene**	**121-14-2**	**0.16**		**0.10**	**1**	**mg/kg**	**06/03/09**	**22:44**
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/03/09	22:44
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/03/09	22:44
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/03/09	22:44
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/03/09	22:44
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/03/09	22:44
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/03/09	22:44
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/03/09	22:44
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/03/09	22:44
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/03/09	22:44
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/03/09	22:44

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	88 %	30 - 130	1	06/03/09	22:44

Qualifier Definitions

McTech Corp.

Work Order: 905186

All Departments

U Indicates that the compound was analyzed for but not detected

BQL Below Quantitation Limit

Organics

B Indicates that the analyte was found in the associated blank as well as in the sample

D Indicates that the analyte was reported from a diluted analysis

E Indicates that the concentration detected exceeded the calibration range of the instrument

J Value is less than the reporting limit but greater than the MDL

P Indicates that there is greater than 25% difference for detected pesticide/Arochlor results between the two GC columns

Metals

' Indicates that the reported value was less than the reporting limit but greater than or equal to the IDL/MDL

E Indicates that the reported value is estimated because of the possible presence of interference (i.e. the serial dilution not within control limits)

H Indicates that the element was found in the associated blank as well as in the sample and the value is greater than or equal to the reporting limit

D Indicates that the analyte was reported from a diluted analysis

N Spiked sample recovery not within control limits

* Duplicate analysis not within control limits

GPL LABORATORIES, LLLP

7210A Corporate Court
Frederick, MD 21703
(301) 694-5310
Fax (301) 620-0731

Contract/Billing Reference

2 of 4 Pgs.

Project: 200708M PRRup Residual Risk
Client: McTech Corp
Send Results To: Kim Chambers
Address: 240 Oliver St. Suite 201
St Albans, WV 25177
Phone: 304-215-0099

Turnaround Time: Standard
# of Containers: 1/sample
Container Type: G
Preservative Used: 4°C
Type of Analysis: Total Nitrate-Nitrite as N 353.2
Lab Cooler No.

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Total Nitrate-Nitrite as N 353.2	CLIENT COMMENTS
200708M-RR-405	5/26/09	1130	Soil	NO	✓	
200708M-RR-406	5/26/09	1145	"	NO	✓	
200708M-RR-407	5/27/09	0830		NO	✓	
200708M-RR-408	5/27/09	0845		NO	✓	
200708M-RR-409		0900		NO	✓	
200708M-RR-410		0915		NO	✓	
200708M-RR-411		0930			✓	
200708M-RR-412		0945			✓	
200708M-RR-413		1000			✓	
200708M-RR-414		1015			✓	
200708M-RR-415		1030			✓	
200708M-RR-416		1045			✓	

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
[signature]	5-26-09 0930 pm			[signature]	5/27/09 9:30

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:
				3°

G.P. W.O. 905186

GPL LABORATORIES, LLLP

7210A Corporate Court
Frederick, MD 21703
301) 694-5310
Fax: (301) 620-0731

Contract/Billing Reference

3 of 4 Pgs.

Project: 200708m. PERWP Residual Risk
Client: McTech. Corp.
Send Results To: Kim Chambers
Address: 240 Oliver St.
St. Albans, WV 25177
Phone: 304 215.0099

Turnaround Time: Std.
# of Containers: 1 sample
Container Type: G
Preservative Used: 4°C
Type of Analysis: Total Nitrotoluenes 8330

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Total Nitrotoluenes 8330	Lab Cooler No.	CLIENT COMMENTS
200708m.RR 414	5/27/09	1100	Soil	HO	✓		
200708m.RR 418		1215	"	HO	✓		
200708m.RR 419		1230	"	HO	✓		
200708m.RR 420		1245	"	HO	✓		
200708m.RR 421	5/28/09	1000	"	JR	✓		
200708m.RR 422	5/28/09	1015	"	JR	✓		
200708m.RR 423	5/28/09	1030	"	JR	✓		
200708m.RR 424	5/28/09	1045	"	JR	✓		
200708m.RR 425	5/28/09	1100	"	JR	✓		
200708m.RR 426	5/28/09	1200	"	JR	✓		
200708m.RR 427	5/28/09	1215	"	JR	✓		
200708m.RR 428	5/28/09	1230	"	JR	✓		

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
[signature]	5-28-09 0230 pm			[signature]	5/29/09 9:50

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:
				7°

G.P. W.O. 905186

GPL Laboratories, LLLP
7210A Corporate CT, Frederick, MD 21703
Tel. (301)694-5310 Fax (301)620-0731

GPL LABORATORIES, LLLP

7210A Corporate Court
Frederick, MD 21703
(301) 694-5310
Fax (301) 620-0731

Contract #/Billing Reference

4 of 4 Pgs.

Project: 20070BM - PRPW Residual Risk
Client: McTech Corp
Send Results To: Kim Champers
Address: 240 Cliff St Suite 1
St Albans, WV 25177
Phone: 304-215-0099

Turnaround Time: 5x8
# of Containers: 4
Container Type: G
Preservative Used: 4°C
Type of Analysis: TOTAL NITROAROMATICS 8330

Sample ID	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	TOTAL NITROAROMATICS 8330	Lab Cooler No.	CLIENT COMMENTS
20070BM-RR 429	5/28/09	1245	Soil	JR	✓		
20070BM-RR 430	5/28/09	0100pm	"	JR	✓		
20070BM-RR 431	5/28/09	0115pm	"	JR	✓		
20070BM-RR 432	5/28/09	0130pm	"	JR	✓		

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
[signature]	5-28-09 0230 pm			[signature]	5/29/09 830

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:
				3°

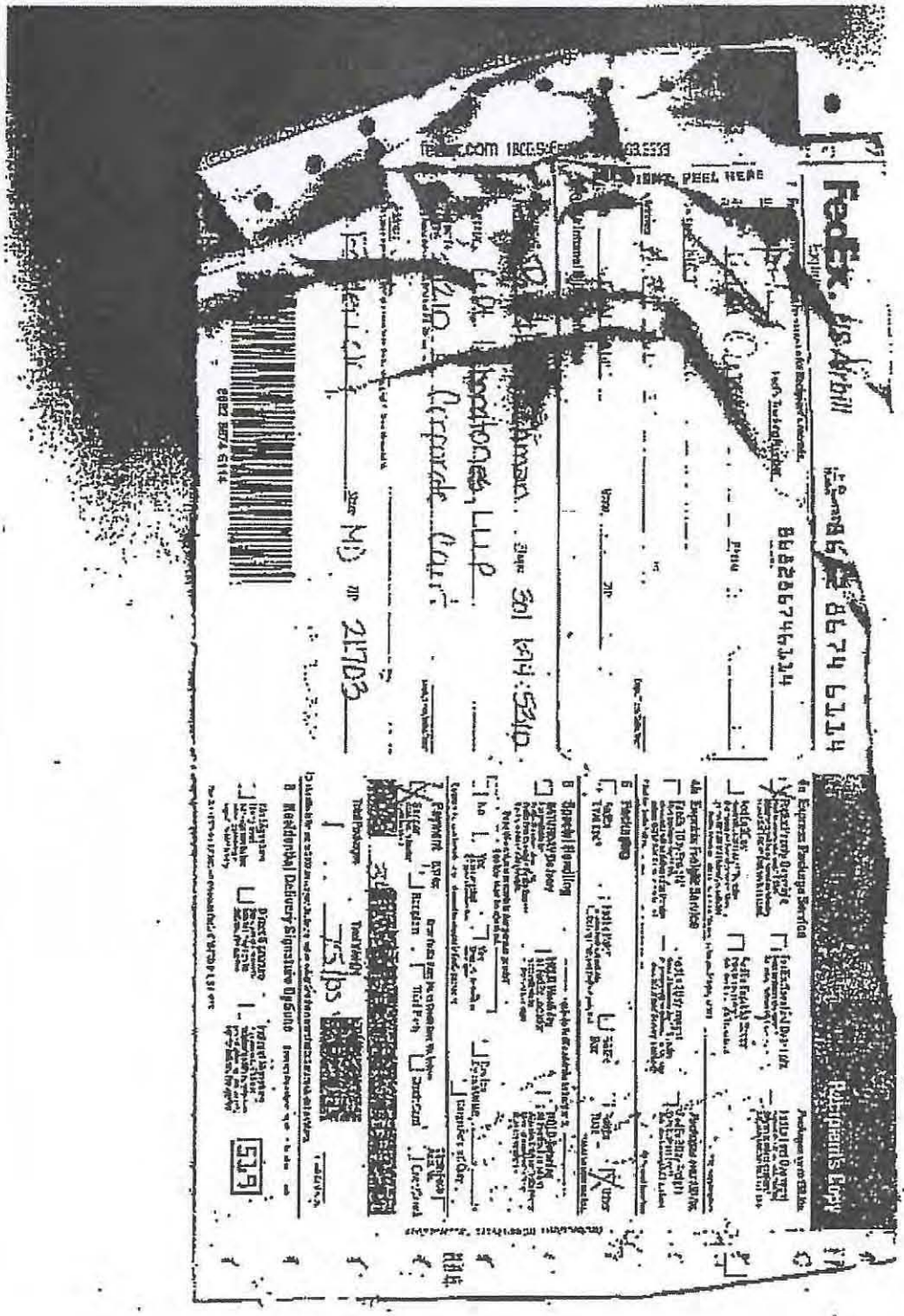
G.P. W.O. 905186

GPL Laboratories, LLLP
7210A Corporate CT, Frederick, MD 21703
Tel. (301)694-5310 Fax (301)620-0731

Chain of Custody

McTech Corp.

SDG: 905186



GPL Laboratories, LLLP

SAMPLE RECEIPT CHECKLIST

WO No:	905186	Carrier Name:	Fed-Ex
Client Name:	Mctech	Prepared (Logged In) By:	LB 5/09/09
Date Received:	5/09/09	Project:	
Time Received:	9:30	Site:	
Received By:	LB	VOA Holding Blank ID No:	

	YES	NO		YES	NO
Airbill/Manifest Present?	✓		Trip Blanks Received?		✓
No: 968286746114			No. of Sets		
Shipping Container In Good Condition?	✓		VOA Vials Have Zero Headspace?		
Custody Seals Present on Shipping Container?	✓		Preservatives Added to Sample?		✓
Condition: Good ✓ Broken			pH Check Required?		✓
Chain of Custody Present?	✓		Performed By:		
Chain of Custody Agrees with Sample Labels?	✓		Ice Present in Shipping Container?	✓	
Chain of Custody Signed?	✓				
Packing Present in Shipping Container?	✓		Container # / Temperature		
Type of Packing: Bubble wrap			1 / 3°		
Custody Seals on Sample Bottles?	✓				
Condition: Good ✓ Broken					
Total Number of Sample Bottles: 20	✓				
Total Number of Samples: 20	✓				
Samples Intact?	✓				
Sufficient Sample Volume for Indicated Test?	✓		Project Manager Contacted?		
			Name: Pat		
			Date Contacted: 5/09/09		

Any NO response must be detailed in the comments section below. If items are not applicable to particular samples or contracts, they should be marked N/A.

COMMENTS:

Checklist Completed By: [illegible]

Date: 5/09/09

EXPLOSIVES
QC

GPL Laboratories

Surrogate Recovery Summary

Matrix : SOIL Analytical Method : SW8330 SDG No : 905186

Surrogate	NO2ANIL4
Lower QC Limits	30
Upper QC Limits	130
Sample ID	
200708M-RR-413	42
200708M-RR-413MS	82
200708M-RR-413MSD	75
200708M-RR-414	90
200708M-RR-415	77
200708M-RR-416	104
200708M-RR-417	102
200708M-RR-418	118
200708M-RR-419	81
200708M-RR-420	122
200708M-RR-421	114
200708M-RR-422	95
200708M-RR-423	114
200708M-RR-423DL	0 *
200708M-RR-424	113
200708M-RR-425	117
200708M-RR-426	99
200708M-RR-427	94
200708M-RR-428	115
200708M-RR-429	89
200708M-RR-430	128
200708M-RR-431	101
200708M-RR-432	88
BKS110030	107
BLK110030	112

*Value outside of QC Limts

NO2ANIL4 = 4-Nitroaniline

GPL Laboratories

MS/MSD RECOVERY

SAMPLE NO
200708M-RR-413MSD

Lab Name : GPL Laboratories SDG NO : 905186 Method : SW8330

Lab Code : GPL Lab Sample ID : 905186-001-001-1/1MSD Matrix : SOIL Analysis Date : 06/03/2009

Compound	Spike Added (mg/kg)		CONCENTRATION (mg/kg)			%RECOVERY		% RPD	RPD Limit	QC Limits
	MS	MSD	Sample	MS	MSD	MS	MSD			
1,3,5-Trinitrobenzene	2.5	2.5	12	14	14	80	80	0	25	65-135
1,3-Dinitrobenzene	2.5	2.5	4.9	6.9	7.0	80	84	5	25	70-135
2,4,6-Trinitrotoluene	2.5	2.5	0.0	2.9	2.9	116	116	0	25	45-145
2,4-Dinitrotoluene	2.5	2.5	5.7	7.9	8.0	88	92	4	25	75-130
2,6-Dinitrotoluene	2.5	2.5	0.95	3.2	3.2	90	90	0	25	70-130
2-Amino-4,6-Dinitrotoluene	2.5	2.5	1.1	3.2	3.2	84	84	0	25	75-130
4-Amino-2,6-Dinitrotoluene	2.5	2.5	0.0	4.4	4.4	176 *	176 *	0	25	75-130
HMX	2.5	2.5	0.0	6.0	6.0	240 *	240 *	0	25	65-135
Nitrobenzene	2.5	2.5	0.0	2.5	2.5	100	100	0	25	70-130
RDX	2.5	2.5	0.0	3.9	4.2	156 *	168 *	7	25	65-145
Tetryl	2.5	2.5	0.0	1.7	1.7	68	68	0	25	10-150
m-Nitrotoluene	2.5	2.5	0.0	2.5	2.5	96	100	4	25	70-130
o-Nitrotoluene	2.5	2.5	0.0	2.6	2.6	104	104	0	25	70-130
p-Nitrotoluene	2.5	2.5	0.0	2.3	2.3	92	92	0	25	70-135

Column to be used to flag recovery and RPD Values with an asterisk.

* Values Outside of QC Limits.

RPD 0 Out of 14 Outside Limit
Spike Recovery : 6 Out of 28 outside limit

GPL Laboratories

LCS SUMMARY

SAMPLE NO
BKS110030

Lab Name : GPL Laboratories
Lab Code : GPL
Matrix : SOIL
Method : SW8330

Contract. : Plum Brook
SDG NO : 905186
Lab Sample ID : BKS110030
Analysis Date : 06/03/2009

COMPOUND	SPIKE ADDED (mg/kg)	BLANK CONCENTRATION (mg/kg)	LCS CONCENTRATION (mg/kg)	LCS % REC	QC LIMTS
1,3,5-Trinitrobenzene	2.5	0	2.5	100	75-125
1,3-Dinitrobenzene	2.5	0	2.4	96	80-125
2,4,6-Trinitrotoluene	2.5	0	2.8	112	55-140
2,4-Dinitrotoluene	2.5	0	2.4	96	80-125
2,6-Dinitrotoluene	2.5	0	2.5	100	80-120
2-Amino-4,6-Dinitrotoluene	2.5	0	2.4	96	80-125
4-Amino-2,6-Dinitrotoluene	2.5	0	2.5	100	80-125
HMX	2.5	0	2.6	104	75-125
Nitrobenzene	2.5	0	2.4	96	75-125
RDX	2.5	0	2.4	96	70-135
Tetryl	2.5	0	1.9	76	10-150
m-Nitrotoluene	2.5	0	2.4	96	75-120
o-Nitrotoluene	2.5	0	2.4	96	80-125
p-Nitrotoluene	2.5	0	2.4	96	75-125

* Values Outside of QC Limits.

Spike recovery : 0 out of 14 outside limits

GPL Laboratories

GPL
FORM 4
EXPLOSIVE METHOD BLANK SUMMARY

SAMPLE NO
BLK110030

Lab Name :	GPL Laboratories	Client. :	McTech Corp.
Lab Code :	GPL	SAS NO. :	110030
Lab File ID :	F603_002.D	SDG NO :	905186
Date Analyzed	06/03/2009	Lab Sample ID :	BLK110030
Date Extracted :	06/02/2009	Time Analyzed :	11:08
Matrix :(Soil/Water).	SOIL	Level :(Low/Med)	

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES,MS AND MSD :

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed
BKS110030	BKS110030	F603_003.D	06/03/2009
200708M-RR-413MS	905186-001-001-1/1MS	F603_006.D	06/03/2009
200708M-RR-413MSD	905186-001-001-1/1MSD	F603_007.D	06/03/2009
200708M-RR-413	905186-001-001-1/1	F603_008.D	06/03/2009
200708M-RR-414	905186-002-002-1/1	F603_009.D	06/03/2009
200708M-RR-415	905186-003-003-1/1	F603_010.D	06/03/2009
200708M-RR-416	905186-004-004-1/1	F603_011.D	06/03/2009
200708M-RR-417	905186-005-005-1/1	F603_012.D	06/03/2009
200708M-RR-418	905186-006-006-1/1	F603_013.D	06/03/2009
200708M-RR-419	905186-007-007-1/1	F603_015.D	06/03/2009
200708M-RR-420	905186-008-008-1/1	F603_016.D	06/03/2009
200708M-RR-421	905186-009-009-1/1	F603_017.D	06/03/2009
200708M-RR-422	905186-010-010-1/1	F603_018.D	06/03/2009
200708M-RR-423	905186-011-011-1/1	F603_019.D	06/03/2009
200708M-RR-424	905186-012-012-1/1	F603_020.D	06/03/2009
200708M-RR-425	905186-013-013-1/1	F603_021.D	06/03/2009
200708M-RR-426	905186-014-014-1/1	F603_022.D	06/03/2009
200708M-RR-427	905186-015-015-1/1	F603_023.D	06/03/2009
200708M-RR-428	905186-016-016-1/1	F603_024.D	06/03/2009
200708M-RR-429	905186-017-017-1/1	F603_026.D	06/03/2009
200708M-RR-430	905186-018-018-1/1	F603_027.D	06/03/2009
200708M-RR-431	905186-019-019-1/1	F603_028.D	06/03/2009
200708M-RR-432	905186-020-020-1/1	F603_029.D	06/03/2009
200708M-RR-423DL	905186-011-011-1/1	F604_002.D	06/04/2009

Response Factor Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Tue Mar 24 10:42:59 2009

Calibration Files
LEV1 =LCF01596.D LEV2 =LCF01597.D LEV3 =LCF01598.D
LEV4 =LCF01599.D LEV5 =LCF01600.D LEV6 =LCF01601.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	LEV6	Avg		%RSD
1)	T	HMX	4.069	4.285	4.751	4.286	4.322	4.423	4.356	E3	5.17
2)	S	4-Nitroaniline	4.707	4.867	4.959	4.179	4.588	4.474	4.629	E3	6.11
3)	M	RDX	6.679	5.874	6.330	5.379	5.665	5.428	5.893	E3	8.79
4)	T	1,3,5-Trinitrobenze	1.378	1.321	1.417	1.212	1.265	1.190	1.297	E4	7.01
5)	M	1,3-Dinitrobenzene	1.918	1.839	1.983	1.684	1.769	1.731	1.821	E4	6.28
6)	M	3,5-Dinitroaniline	1.449	1.468	1.642	1.288	1.365	1.323	1.423	E4	9.02
7)	M	Nitrobenzene	1.246	1.112	1.224	1.063	1.062	1.072	1.130	E4	7.39
8)	T	Tetryl	9.031	9.111	9.910	7.720	8.865	8.091	8.788	E3	8.89
9)	T	2,4,6-Trinitrotolue	1.215	1.317	1.399	1.208	1.255	1.196	1.265	E4	6.25
10)	M	2-Amino-4,6-Dinitro	1.184	1.239	1.305	1.095	1.172	1.122	1.186	E4	6.48
11)	T	4-Amino-2,6-Dinitro	7.983	8.683	9.144	7.543	8.221	7.776	8.225	E3	7.25
12)	M	2,4-Dinitrotoluene	1.728	1.742	1.852	1.574	1.652	1.597	1.691	E4	6.13
13)	T	2,6-Dinitrotoluene	9.524	9.403	9.910	8.086	8.843	8.541	9.051	E3	7.53
14)	M	2-Nitrotoluene	7.720	7.684	7.918	6.710	6.876	6.877	7.298	E3	7.29
15)	T	4-Nitrotoluene	6.990	6.217	6.547	5.631	5.711	5.710	6.135	E3	8.99
16)	M	3-Nitrotoluene	8.643	8.232	8.294	7.171	7.269	7.272	7.813	E3	8.29
17)	M	Nitroglycerine	6.976	5.879	6.127	6.126	5.917	5.725	6.125	E4	7.26
18)	M	PETN	1.019	1.044	1.102	0.907	0.980	0.941	0.999	E4	7.12

I=#124264

= Out of Range ### Number of calibration levels exceeded format ###

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 04 18:03:51 2009
Response via : Initial Calibration

Continuing Calibration File: F603_001.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.694	E3	-7.7	110
2	S	4-Nitroaniline	4.629	4.756	E3	-2.8	114
3	M	RDX	5.893	6.195	E3	-5.1	115
4	T	1,3,5-Trinitrobenzene	12.970	13.831	E3	-6.6	114
5	M	1,3-Dinitrobenzene	18.206	19.461	E3	-6.9	116
6	M	3,5-Dinitroaniline	14.225	14.123	E3	0.7	110
7	M	Nitrobenzene	11.299	12.128	E3	-7.3	114
8	T	Tetryl	8.788	8.624	E3	1.9	112
9	T	2,4,6-Trinitrotoluene	12.651	14.226	E3	-12.5	118
10	M	2-Amino-4,6-Dinitrotoluene	11.860	12.770	E3	-7.7	117
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.610	E3	-4.7	114
12	M	2,4-Dinitrotoluene	16.908	17.864	E3	-5.7	114
13	T	2,6-Dinitrotoluene	9.051	9.600	E3	-6.1	119
14	M	2-Nitrotoluene	7.298	7.729	E3	-5.9	115
15	T	4-Nitrotoluene	6.135	6.519	E3	-6.3	116
16	M	3-Nitrotoluene	7.813	8.253	E3	-5.6	115
17	M	Nitroglycerine	61.253	61.482	E3	-0.4	100
18	M	PETN	9.987	10.197	E3	-2.1	112

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F603_001.D 9323P833.M Thu Jun 04 18:04:01 2009 Page 1

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 04 18:04:15 2009
Response via : Initial Calibration

Continuing Calibration File: F603_005.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.731	E3	-8.6	110
2	S	4-Nitroaniline	4.629	4.771	E3	-3.1	114
3	M	RDX	5.893	6.179	E3	-4.9	115
4	T	1,3,5-Trinitrobenzene	12.970	13.822	E3	-6.6	114
5	M	1,3-Dinitrobenzene	18.206	19.457	E3	-6.9	116
6	M	3,5-Dinitroaniline	14.225	13.849	E3	2.6	108
7	M	Nitrobenzene	11.299	12.207	E3	-8.0	115
8	T	Tetryl	8.788	8.561	E3	2.6	111
9	T	2,4,6-Trinitrotoluene	12.651	14.344	E3	-13.4	119
10	M	2-Amino-4,6-Dinitrotoluene	11.860	12.898	E3	-8.7	118
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.627	E3	-4.9	114
12	M	2,4-Dinitrotoluene	16.908	17.859	E3	-5.6	113
13	T	2,6-Dinitrotoluene	9.051	9.502	E3	-5.0	118
14	M	2-Nitrotoluene	7.298	7.708	E3	-5.6	115
15	T	4-Nitrotoluene	6.135	6.496	E3	-5.9	115
16	M	3-Nitrotoluene	7.813	8.212	E3	-5.1	115
17	M	Nitroglycerine	61.253	61.482	E3	-0.4	100
18	M	PETN	9.987	10.188	E3	-2.0	112

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 04 18:04:41 2009
Response via : Initial Calibration

Continuing Calibration File: F603_014.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.670	E3	-7.2	109
2	S	4-Nitroaniline	4.629	4.700	E3	-1.5	112
3	M	RDX	5.893	6.189	E3	-5.0	115
4	T	1,3,5-Trinitrobenzene	12.970	13.857	E3	-6.8	114
5	M	1,3-Dinitrobenzene	18.206	19.535	E3	-7.3	116
6	M	3,5-Dinitroaniline	14.225	13.849	E3	2.6	108
7	M	Nitrobenzene	11.299	12.167	E3	-7.7	114
8	T	Tetryl	8.788	8.609	E3	2.0	112
9	T	2,4,6-Trinitrotoluene	12.651	14.628	E3	-15.6	121
10	M	2-Amino-4,6-Dinitrotoluene	11.860	13.082	E3	-10.3	120
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.760	E3	-6.5	116
12	M	2,4-Dinitrotoluene	16.908	18.054	E3	-6.8	115
13	T	2,6-Dinitrotoluene	9.051	9.397	E3	-3.8	116
14	M	2-Nitrotoluene	7.298	7.651	E3	-4.8	114
15	T	4-Nitrotoluene	6.135	6.440	E3	-5.0	114
16	M	3-Nitrotoluene	7.813	8.235	E3	-5.4	115
17	M	Nitroglycerine	61.253	61.482	E3	-0.4	100
18	M	PETN	9.987	10.188	E3	-2.0	112

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F603_014.D 9323P833.M Thu Jun 04 18:04:52 2009 Page 1

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 04 18:05:04 2009
Response via : Initial Calibration

Continuing Calibration File: F603_025.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.796	E3	-10.1	112
2	S	4-Nitroaniline	4.629	4.774	E3	-3.1	114
3	M	RDX	5.693	6.175	E3	-4.8	115
4	T	1,3,5-Trinitrobenzene	12.970	13.981	E3	-7.8	115
5	M	1,3-Dinitrobenzene	18.206	19.705	E3	-8.2	117
6	M	3,5-Dinitroaniline	14.225	13.849	E3	2.6	108
7	M	Nitrobenzene	11.299	12.310	E3	-9.0	116
8	T	Tetryl	8.788	8.529	E3	2.9	110
9	T	2,4,6-Trinitrotoluene	12.651	14.531	E3	-14.9	120
10	M	2-Amino-4,6-Dinitrotoluene	11.860	12.986	E3	-9.5	119
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.488	E3	-3.2	113
12	M	2,4-Dinitrotoluene	16.908	18.457	E3	-9.2	117
13	T	2,6-Dinitrotoluene	9.051	9.198	E3	-1.6	114
14	M	2-Nitrotoluene	7.298	7.797	E3	-6.8	116
15	T	4-Nitrotoluene	6.135	6.496	E3	-5.9	115
16	M	3-Nitrotoluene	7.813	8.246	E3	-5.5	115
17	M	Nitroglycerine	61.253	61.482	E3	-0.4	100
18	M	PETN	9.987	10.188	E3	-2.0	112

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 04 18:05:29 2009
Response via : Initial Calibration

Continuing Calibration File: F603_030.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.724	E3	-8.4	110
2	S	4-Nitroaniline	4.629	4.762	E3	-2.9	114
3	M	RDX	5.893	6.137	E3	-4.1	114
4	T	1,3,5-Trinitrobenzene	12.970	13.935	E3	-7.4	115
5	M	1,3-Dinitrobenzene	18.206	19.716	E3	-8.3	117
6	M	3,5-Dinitroaniline	14.225	13.849	E3	2.6	108
7	M	Nitrobenzene	11.299	12.288	E3	-8.8	116
8	T	Tetryl	8.788	8.602	E3	2.1	111
9	T	2,4,6-Trinitrotoluene	12.651	14.646	E3	-15.8	121
10	M	2-Amino-4,6-Dinitrotoluene	11.860	13.223	E3	-11.5	121
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.523	E3	-3.6	113
12	M	2,4-Dinitrotoluene	16.908	18.727	E3	-10.8	119
13	T	2,6-Dinitrotoluene	9.051	8.990	E3	0.7	111
14	M	2-Nitrotoluene	7.298	7.728	E3	-5.9	115
15	T	4-Nitrotoluene	6.135	6.454	E3	-5.2	115
16	M	3-Nitrotoluene	7.813	8.254	E3	-5.6	115
17	M	Nitroglycerine	61.253	61.482	E3	-0.4	100
18	M	PETN	9.987	10.188	E3	-2.0	112

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 04 18:14:08 2009
Response via : Initial Calibration

Continuing Calibration File: F604_001.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.755	E3	-9.2	111
2	S	4-Nitroaniline	4.629	4.847	E3	-4.7	116
3	M	RDX	5.893	6.217	E3	-5.5	116
4	T	1,3,5-Trinitrobenzene	12.970	13.947	E3	-7.5	115
5	M	1,3-Dinitrobenzene	18.206	19.566	E3	-7.5	116
6	M	3,5-Dinitroaniline	14.225	13.849	E3	2.6	108
7	M	Nitrobenzene	11.299	12.284	E3	-8.7	116
8	T	Tetryl	8.788	8.673	E3	1.3	112
9	T	2,4,6-Trinitrotoluene	12.651	14.313	E3	-13.1	118
10	M	2-Amino-4,6-Dinitrotoluene	11.860	12.836	E3	-8.2	117
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.469	E3	-3.0	112
12	M	2,4-Dinitrotoluene	16.908	18.012	E3	-6.5	114
13	T	2,6-Dinitrotoluene	9.051	9.505	E3	-5.0	118
14	M	2-Nitrotoluene	7.298	7.797	E3	-6.8	116
15	T	4-Nitrotoluene	6.135	6.605	E3	-7.7	117
16	M	3-Nitrotoluene	7.813	8.315	E3	-6.4	116
17	M	Nitroglycerine	61.253	61.482	E3	-0.4	100
18	M	PETN	9.987	10.188	E3	-2.0	112

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F604_001.D 9323P833.M Thu Jun 04 18:14:18 2009 Page 1

Continuing Calibration Report G1314A

Method : H:\LCDATA\LCF\METHODS\9323P833.M (Chemstation Integrator)
Title : 8330 Explosives
Last Update : Thu Jun 04 19:05:25 2009
Response via : Initial Calibration

Continuing Calibration File: F604_003.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	4.356	4.810	E3	-10.4	112
2	S	4-Nitroaniline	4.629	4.857	E3	-4.9	116
3	M	RDX	5.893	6.208	E3	-5.4	115
4	T	1,3,5-Trinitrobenzene	12.970	13.927	E3	-7.4	115
5	M	1,3-Dinitrobenzene	18.206	19.564	E3	-7.5	116
6	M	3,5-Dinitroaniline	14.225	13.882	E3	2.4	108
7	M	Nitrobenzene	11.299	12.245	E3	-8.4	115
8	T	Tetryl	8.788	8.672	E3	1.3	112
9	T	2,4,6-Trinitrotoluene	12.651	14.320	E3	-13.2	119
10	M	2-Amino-4,6-Dinitrotoluene	11.860	12.780	E3	-7.8	117
11	T	4-Amino-2,6-Dinitrotoluene	8.225	8.547	E3	-3.9	113
12	M	2,4-Dinitrotoluene	16.908	18.085	E3	-7.0	115
13	T	2,6-Dinitrotoluene	9.051	9.499	E3	-4.9	117
14	M	2-Nitrotoluene	7.298	7.792	E3	-6.8	116
15	T	4-Nitrotoluene	6.135	6.515	E3	-6.2	116
16	M	3-Nitrotoluene	7.813	8.234	E3	-5.4	115
17	M	Nitroglycerine	61.253	61.482	E3	-0.4	100
18	M	PETN	9.987	10.148	E3	-1.6	112

(#) = Out of Range SPCC's out = 0 CCC's out = 0
F604_003.D 9323P833.M Thu Jun 04 19:05:31 2009

Response Factor Report LCD

Method : H:\LCDATA\LCD\METHODS\9507C883.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Fri May 08 12:49:25 2009

Calibration Files
LEV1 =LCD47799.D LEV2 =LCD47792.D LEV3 =LCD47793.D
LEV4 =LCD47794.D LEV5 =LCD47795.D LEV6 =LCD47796.D

		Compound	LEV1	LEV2	LEV3	LEV4	LEV5	LEV6	Avg		%RSD
1)	T	HMX	5.829	5.311	5.267	5.273	5.325	5.125	5.355	E4	4.53
2)	S	4-Nitroaniline	5.544	7.291	5.357	5.413	5.443	5.203	5.709	E4	13.72
3)	T	1,3,5-Trinitrobenze	1.465	1.545	1.508	1.498	1.504	1.441	1.494	E5	2.43
4)	T	Tetryl	1.071	1.074	1.062	1.036	1.045	0.999	1.048	E5	2.66
5)	T	2,4,6-Trinitrotolue	1.420	1.477	1.431	1.421	1.427	1.372	1.424	E5	2.35
6)	T	4-Amino-2,6-Dinitro	2.365	2.474	2.460	2.448	2.469	2.367	2.431	E5	2.08
7)	T	2,6-Dinitrotoluene	1.022	1.140	1.045	1.021	1.032	0.989	1.041	E5	4.97
8)	T	4-Nitrotoluene	7.575	7.752	7.630	7.644	7.706	7.412	7.620	E4	1.56
9)	M	RDX	6.857	6.949	6.959	6.963	7.046	6.761	6.923	E4	1.43
10)	M	1,3-Dinitrobenzene	2.065	2.180	2.176	2.170	2.185	2.096	2.146	E5	2.40
11)	M	Nitrobenzene	1.371	1.383	1.355	1.368	1.386	1.340	1.367	E5	1.27
12)	M	2-Amino-4,6-Dinitro	2.345	2.474	2.460	2.448	2.469	2.367	2.427	E5	2.32
13)	M	2,4-Dinitrotoluene	2.024	2.015	2.035	2.026	2.041	1.953	2.016	E5	1.60
14)	M	2-Nitrotoluene	8.090	9.049	8.894	8.955	9.034	8.708	8.788	E4	4.14
15)	M	3-Nitrotoluene	9.361	9.707	9.564	9.552	9.676	9.318	9.530	E4	1.68
16)	M	Nitroglycerine	7.177	6.418	7.065	7.013	7.151	7.091	6.986	E5	4.07
17)	M	3,5-Dinitroaniline	1.695	1.667	1.669	1.670	1.672	1.663	1.672	E5	0.68
18)		PETN							0.000	0	-1.00

(*) = Out of Range ### Number of calibration levels exceeded format ###

Continuing Calibration Report LCD

Method : H:\LCDATA\LCD\METHODS\9507C883.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Thu Jun 04 18:01:05 2009
Response via : Initial Calibration

Continuing Calibration File: LCD48024.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	53.553	54.821	E3	-2.4	104
2	S	4-Nitroaniline	57.087	53.901	E3	5.6	100
3	T	1,3,5-Trinitrobenzene	149.351	153.192	E3	-2.6	102
4	T	Tetryl	104.765	106.949	E3	-2.1	103
5	T	2,4,6-Trinitrotoluene	142.443	142.864	E3	-0.3	101
6	T	4-Amino-2,6-Dinitrotoluene	243.052	245.566	E3	-1.0	100
7	T	2,6-Dinitrotoluene	104.131	102.100	E3	2.0	100
8	T	4-Nitrotoluene	76.197	75.787	E3	0.5	99
9	M	RDX	69.226	71.061	E3	-2.7	102
10	M	1,3-Dinitrobenzene	214.558	218.871	E3	-2.0	101
11	M	Nitrobenzene	136.709	136.785	E3	-0.1	100
12	M	2-Amino-4,6-Dinitrotoluene	242.717	245.566	E3	-1.2	100
13	M	2,4-Dinitrotoluene	201.560	201.076	E3	0.2	99
14	M	2-Nitrotoluene	87.881	88.769	E3	-1.0	99
15	M	3-Nitrotoluene	95.295	94.850	E3	0.5	99
16	M	Nitroglycerine	698.582	767.708	E3	-9.9	109
17	M	3,5-Dinitroaniline	167.240	167.108	E3	0.1	100
18		PETN	0.000	0.000		0.0	0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Continuing Calibration Report LCD

Method : H:\LCDATA\LCD\METHODS\9507C883.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Thu Jun 04 18:01:33 2009
Response via : Initial Calibration

Continuing Calibration File: LCD48035.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	53.553	55.161	E3	-3.0	105
2	S	4-Nitroaniline	57.087	54.033	E3	5.3	100
3	T	1,3,5-Trinitrobenzene	149.351	154.210	E3	-3.3	103
4	T	Tetryl	104.765	104.407	E3	0.3	101
5	T	2,4,6-Trinitrotoluene	142.443	140.618	E3	1.3	99
6	T	4-Amino-2,6-Dinitrotoluene	243.052	247.383	E3	-1.8	101
7	T	2,6-Dinitrotoluene	104.131	102.299	E3	1.8	100
8	T	4-Nitrotoluene	76.197	75.515	E3	0.9	99
9	M	RDX	69.226	71.193	E3	-2.8	102
10	M	1,3-Dinitrobenzene	214.558	217.792	E3	-1.5	100
11	M	Nitrobenzene	136.709	135.420	E3	0.9	99
12	M	2-Amino-4,6-Dinitrotoluene	242.717	247.383	E3	-1.9	101
13	M	2,4-Dinitrotoluene	201.560	200.965	E3	0.3	99
14	M	2-Nitrotoluene	87.881	87.094	E3	0.9	97
15	M	3-Nitrotoluene	95.295	94.881	E3	0.4	99
16	M	Nitroglycerine	698.582	767.708	E3	-9.9	109
17	M	3,5-Dinitroaniline	167.240	167.108	E3	0.1	100
18		PETN	0.000	0.000		0.0	0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Continuing Calibration Report LCD

Method : H:\LCDATA\LCD\METHODS\9507C883.M (Chemstation Integrator)
Title : 8330 Explosives Confirmation
Last Update : Thu Jun 04 18:03:06 2009
Response via : Initial Calibration

Continuing Calibration File: LCD48046.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%
1	T	HMX	53.553	55.336	E3	-3.3	105
2	S	4-Nitroaniline	57.087	54.475	E3	4.6	101
3	T	1,3,5-Trinitrobenzene	149.351	153.237	E3	-2.6	102
4	T	Tetryl	104.765	104.330	E3	0.4	101
5	T	2,4,6-Trinitrotoluene	142.443	144.187	E3	-1.2	101
6	T	4-Amino-2,6-Dinitrotoluene	243.052	246.552	E3	-1.4	101
7	T	2,6-Dinitrotoluene	104.131	102.610	E3	1.5	101
8	T	4-Nitrotoluene	76.197	89.366	E3	-17.3	117
9	M	RDX	69.226	71.738	E3	-3.6	103
10	M	1,3-Dinitrobenzene	214.558	219.962	E3	-2.5	101
11	M	Nitrobenzene	136.709	137.380	E3	-0.5	100
12	M	2-Amino-4,6-Dinitrotoluene	242.717	246.552	E3	-1.6	101
13	M	2,4-Dinitrotoluene	201.560	202.345	E3	-0.4	100
14	M	2-Nitrotoluene	87.881	89.366	E3	-1.7	100
15	M	3-Nitrotoluene	95.295	95.377	E3	-0.1	100
16	M	Nitroglycerine	698.582	767.708	E3	-9.9	109
17	M	3,5-Dinitroaniline	167.240	167.108	E3	0.1	100
18		PETN	0.000	0.000		0.0	0#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

GPL Laboratories

GPL
FORM I
ANALYSIS DATA SHEET

SAMPLE NO
BLK110030

Lab Name :	GPL Laboratories	Client. :	McTech Corp.
Lab Code :	GPL	SAS NO. :	
Case No. :		SDG NO :	905186
Matrix : (Soil / Water)	SOIL	Lab Sample ID :	BLK110030
Sample Volume :	2	Lab File ID :	F603_002.D
% Moisture:		Date Received	
Extraction:	EXT_SW8330	Date Extracted:	06/02/2009
Extract Volume:	20 mL	Date Analyzed	06/03/2009
Injection Volume :	100 µL	Dilution Factor :	1
GPC Clean up (Y/N):	N pH:		

Concentration Units (ug/L or ug/kg dry weight) : mg/kg

CAS NO	COMPOUND		Q
99-35-4	1,3,5-Trinitrobenzene	0.10	U
99-65-0	1,3-Dinitrobenzene	0.10	U
118-96-7	2,4,6-Trinitrotoluene	0.10	U
121-14-2	2,4-Dinitrotoluene	0.10	U
606-20-2	2,6-Dinitrotoluene	0.10	U
35572-78-2	2-Amino-4,6-Dinitrotoluene	0.10	U
19406-51-0	4-Amino-2,6-Dinitrotoluene	0.10	U
2691-41-0	HMX	0.20	U
98-95-3	Nitrobenzene	0.10	U
121-82-4	RDX	0.20	U
479-45-8	Tetryl	0.20	U
99-08-1	m-Nitrotoluene	0.20	U
88-72-2	o-Nitrotoluene	0.20	U
99-99-0	p-Nitrotoluene	0.20	U

Analytical Report For 906020

for

McTech Corp.

Project Manager: Kim Chambers

Project Name: Plum Brook

GPL

Laboratories

GPL Laboratories, LLLP certifies that the test results meet all requirements of the NELAC Standards unless otherwise noted.

Pee

Reviewed By,
Project Manager

Approved By,
Laboratory Director

The Case Narrative, Chain of Custody, Sample Receipt Checklist, and the cover page of the Sample Analysis Report, are integral parts of GPL Laboratories' report package. If you did not receive all of these documents, please contact GPL immediately.

Sample Receipt

Twenty soil samples were received on 06/04/2009. The samples were delivered by Federal Express. Sample receipt conditions and temperatures are documented on the Sample Receipt checklist.

Sample Analysis

Samples were prepared and analyzed by GPL using the analytical methodologies indicated on the Sample Analysis Summary Report. In some chromatographic analyses, manual integration is used instead of automated integration because it produces more accurate results. All manual integrations are denoted on the sample quantitation report. Analysis results and limits for soil are reported on a dry weight basis unless otherwise specified on the report.

Explosives/Propellants

Twenty soil samples were extracted and analyzed for explosives compounds using the EPA-SW846 method SW8330.

Both extraction and analysis holding times were met.

The samples were reanalyzed on a second different column for confirmation.

Due to matrix interferences, the surrogate recoveries for samples 200708M-RR-446 and 200708M-RR-447 were above the QC limits . Therefore, the recovery for the surrogates were reported from confirmation analysis. All surrogate recoveries were within th C limits.

The matrix spike and matrix spike duplicate analyses were performed on sample 200708M-RR-437. All recoveries were within the QC limits.

A laboratory control sample was extracted and analyzed along with this batch. All recoveries were within the QC limits.

Manual integration was performed on some data files, when automatic integration provided by the software was inappropriate.

Pee

Reviewed By,
Project Manager

Approved By,
Laboratory Director

Sample Summary Report

McTech Corp.

Work Order: 906020

Client Sample ID	Lab Sample ID	Analytical Method	Matrix	Date Sampled	Date Recieved
200708M-RR-433	906020-001-001-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-434	906020-002-002-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-435	906020-003-003-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-436	906020-004-004-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-437	906020-005-005-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-438	906020-006-006-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-439	906020-007-007-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-440	906020-008-008-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-441	906020-009-009-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-442	906020-010-010-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200. .M-RR-443	906020-011-011-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-444	906020-012-012-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-445	906020-013-013-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-446	906020-014-014-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-447	906020-015-015-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-449	906020-016-016-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-450	906020-017-017-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-451	906020-018-018-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-452	906020-019-019-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-453	906020-020-020-1/1	SW8330	SOIL	06/02/2009	06/04/2009

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Clie ample ID:	200708M-RR-433	Lab Sample ID:	906020-001-001-1/1
Sample Date/Time:	06/02/2009 08:30	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:21	Preparation Method:	EXT_SW8330
Prepared Date/Time:	08/08/2009 00:00	Analytical Method:	SW8330

# Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/09/09	18:18
2) 1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/09/09	18:18
3) 2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/09/09	18:18
4) 2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/09/09	18:18
5) 2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/09/09	18:18
6) 2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/09/09	18:18
7) 4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/09/09	18:18
8) HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/09/09	18:18
9) Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/09/09	18:18
10) RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/09/09	18:18
11) T yl	479-45-8	BQL	U	0.20	1	mg/kg	06/09/09	18:18
12) m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/09/09	18:18
13) o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/09/09	18:18
14) p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/09/09	18:18

# Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	100-01-6	115 %	30 - 130	1	06/09/09	18:18

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli[illegible] Sample ID:	200708M-RR-434	Lab Sample ID:	906020-002-002-1/1
Sample Date/Time:	06/02/2009 08:45	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:21	Preparation Method:	EXT_SW8330
Prepared Date/Time:	08/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/09/09	18:43
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/09/09	18:43
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/09/09	18:43
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/09/09	18:43
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/09/09	18:43
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/09/09	18:43
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/09/09	18:43
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/09/09	18:43
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/09/09	18:43
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/09/09	18:43
11)	[illegible]ryl	479-45-8	BQL	U	0.20	1	mg/kg	06/09/09	18:43
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/09/09	18:43
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/09/09	18:43
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/09/09	18:43

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	103 %	30 - 130	1	06/09/09	18:43

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli[illegible] Sample ID:	200708M-RR-435	Lab Sample ID:	906020-003-003-1/1
Sample Date/Time:	06/02/2009 09:00	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:21	Preparation Method:	EXT_SW8330
Prepared Date/Time:	08/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/09/09	19:08
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/09/09	19:08
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/09/09	19:08
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/09/09	19:08
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/09/09	19:08
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/09/09	19:08
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/09/09	19:08
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/09/09	19:08
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/09/09	19:08
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/09/09	19:08
11)	[illegible]ryl	479-45-8	BQL	U	0.20	1	mg/kg	06/09/09	19:08
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/09/09	19:08
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/09/09	19:08
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/09/09	19:08

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	110 %	30 - 130	1	06/09/09	19:08

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M-RR-436	Lab Sample ID:	906020-004-004-1/1
Sample Date/Time:	06/02/2009 09:15	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:21	Preparation Method:	EXT_SW8330
Prepared Date/Time:	08/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/09/09	19:32
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/09/09	19:32
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/09/09	19:32
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/09/09	19:32
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/09/09	19:32
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/09/09	19:32
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/09/09	19:32
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/09/09	19:32
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/09/09	19:32
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/09/09	19:32
11)	ryl	479-45-8	BQL	U	0.20	1	mg/kg	06/09/09	19:32
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/09/09	19:32
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/09/09	19:32
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/09/09	19:32

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	112 %	30 - 130	1	06/09/09	19:32

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli[illegible] Sample ID:	200708M-RR-437	Lab Sample ID:	906020-005-005-1/1
Sample Date/Time:	06/02/2009 09:30	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:21	Preparation Method:	EXT_SW8330
Prepared Date/Time:	08/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/09/09	19:57
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/09/09	19:57
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/09/09	19:57
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/09/09	19:57
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/09/09	19:57
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/09/09	19:57
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/09/09	19:57
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/09/09	19:57
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/09/09	19:57
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/09/09	19:57
11)	[illegible]ryl	479-45-8	BQL	U	0.20	1	mg/kg	06/09/09	19:57
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/09/09	19:57
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/09/09	19:57
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/09/09	19:57

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	113 %	30 - 130	1	06/09/09	19:57

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-438	Lab Sample ID:	906020-006-006-1/1
Sample Date/Time:	06/02/2009 09:45	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:21	Preparation Method:	EXT_SW8330
Prepared Date/Time:	08/08/2009 00:00	Analytical Method:	SW8330

# Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.099	1	mg/kg	06/09/09	20:22
2) 1,3-Dinitrobenzene	99-65-0	BQL	U	0.099	1	mg/kg	06/09/09	20:22
3) 2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.099	1	mg/kg	06/09/09	20:22
4) 2,4-Dinitrotoluene	121-14-2	BQL	U	0.099	1	mg/kg	06/09/09	20:22
5) 2,6-Dinitrotoluene	606-20-2	BQL	U	0.099	1	mg/kg	06/09/09	20:22
6) 2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.099	1	mg/kg	06/09/09	20:22
7) 4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.099	1	mg/kg	06/09/09	20:22
8) HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/09/09	20:22
9) Nitrobenzene	98-95-3	BQL	U	0.099	1	mg/kg	06/09/09	20:22
10) RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/09/09	20:22
11) Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/09/09	20:22
12) m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/09/09	20:22
13) o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/09/09	20:22
14) p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/09/09	20:22

# Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	100-01-6	104 %	30 - 130	1	06/09/09	20:22

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli[illegible]Sample ID:	200708M-RR-439	Lab Sample ID:	906020-007-007-1/1
Sample Date/Time:	06/02/2009 10:00	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:21	Preparation Method:	EXT_SW8330
Prepared Date/Time:	08/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/09/09	21:35
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/09/09	21:35
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/09/09	21:35
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/09/09	21:35
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/09/09	21:35
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/09/09	21:35
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/09/09	21:35
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/09/09	21:35
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/09/09	21:35
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/09/09	21:35
11)	T[illegible]yl	479-45-8	BQL	U	0.20	1	mg/kg	06/09/09	21:35
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/09/09	21:35
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/09/09	21:35
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/09/09	21:35

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	114 %	30 - 130	1	06/09/09	21:35

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli[illegible] Sample ID:	200708M-RR-440	Lab Sample ID:	906020-008-008-1/1
Sample Date/Time:	06/02/2009 10:15	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:21	Preparation Method:	EXT_SW8330
Prepared Date/Time:	08/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/09/09	22:00
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/09/09	22:00
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/09/09	22:00
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/09/09	22:00
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/09/09	22:00
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/09/09	22:00
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/09/09	22:00
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/09/09	22:00
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/09/09	22:00
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/09/09	22:00
11)	[illegible]yl	479-45-8	BQL	U	0.20	1	mg/kg	06/09/09	22:00
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/09/09	22:00
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/09/09	22:00
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/09/09	22:00

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	112 %	30 - 130	1	06/09/09	22:00

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli[illegible] Sample ID:	200708M-RR-441	Lab Sample ID:	906020-009-009-1/1
Sample Date/Time:	06/02/2009 10:30	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:21	Preparation Method:	EXT_SW8330
Prepared Date/Time:	08/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/09/09	22:24
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/09/09	22:24
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/09/09	22:24
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/09/09	22:24
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/09/09	22:24
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/09/09	22:24
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/09/09	22:24
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/09/09	22:24
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/09/09	22:24
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/09/09	22:24
11)	[illegible]yl	479-45-8	BQL	U	0.20	1	mg/kg	06/09/09	22:24
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/09/09	22:24
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/09/09	22:24
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/09/09	22:24

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	114 %	30 - 130	1	06/09/09	22:24

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli[illegible] Sample ID:	200708M-RR-442	Lab Sample ID:	906020-010-010-1/1
Sample Date/Time:	06/02/2009 10:45	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:21	Preparation Method:	EXT_SW8330
Prepared Date/Time:	08/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/09/09	22:49
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/09/09	22:49
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/09/09	22:49
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/09/09	22:49
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/09/09	22:49
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/09/09	22:49
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/09/09	22:49
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/09/09	22:49
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/09/09	22:49
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/09/09	22:49
11)	[illegible]yl	479-45-8	BQL	U	0.20	1	mg/kg	06/09/09	22:49
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/09/09	22:49
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/09/09	22:49
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/09/09	22:49

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	104 %	30 - 130	1	06/09/09	22:49

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli[illegible] Sample ID:	200708M-RR-443	Lab Sample ID:	906020-011-011-1/1
Sample Date/Time:	06/02/2009 11:00	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:21	Preparation Method:	EXT_SW8330
Prepared Date/Time:	08/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/09/09	23:14
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/09/09	23:14
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/09/09	23:14
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/09/09	23:14
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/09/09	23:14
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/09/09	23:14
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/09/09	23:14
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/09/09	23:14
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/09/09	23:14
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/09/09	23:14
11)	[illegible]yl	479-45-8	BQL	U	0.20	1	mg/kg	06/09/09	23:14
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/09/09	23:14
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/09/09	23:14
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/09/09	23:14

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	117 %	30 - 130	1	06/09/09	23:14

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-444	Lab Sample ID:	906020-012-012-1/1
Sample Date/Time:	06/02/2009 11:15	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:21	Preparation Method:	EXT_SW8330
Prepared Date/Time:	08/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/09/09	23:38
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/09/09	23:38
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/09/09	23:38
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/09/09	23:38
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/09/09	23:38
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/09/09	23:38
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/09/09	23:38
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/09/09	23:38
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/09/09	23:38
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/09/09	23:38
11)	[illegible]yl	479-45-8	BQL	U	0.20	1	mg/kg	06/09/09	23:38
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/09/09	23:38
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/09/09	23:38
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/09/09	23:38

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	117 %	30 - 130	1	06/09/09	23:38

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli[illegible]ample ID:	200708M-RR-445	Lab Sample ID:	906020-013-013-1/1
Sample Date/Time:	06/02/2009 11:30	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:21	Preparation Method:	EXT_SW8330
Prepared Date/Time:	08/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/10/09	12:30
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/10/09	12:30
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/10/09	12:30
4)	2,4-Dinitrotoluene	121-14-2	0.052	J	0.10	1	mg/kg	06/10/09	12:30
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/10/09	12:30
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/10/09	12:30
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/10/09	12:30
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/10/09	12:30
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/10/09	12:30
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/10/09	12:30
11)	[illegible]y!	479-45-8	BQL	U	0.20	1	mg/kg	06/10/09	12:30
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/10/09	12:30
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/10/09	12:30
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/10/09	12:30

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	94 %	30 - 130	1	06/10/09	12:30

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-446	Lab Sample ID:	906020-014-014-1/1
Sample Date/Time:	06/02/2009 12:00	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:21	Preparation Method:	EXT_SW8330
Prepared Date/Time:	08/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**6.7**		**0.10**	**1**	**mg/kg**	**06/10/09**	**00:28**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/10/09	00:28
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/10/09	00:28
4)	**2,4-Dinitrotoluene**	**121-14-2**	**1.3**		**0.10**	**1**	**mg/kg**	**06/10/09**	**00:28**
5)	**2,6-Dinitrotoluene**	**606-20-2**	**0.26**		**0.10**	**1**	**mg/kg**	**06/10/09**	**00:28**
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.40**		**0.10**	**1**	**mg/kg**	**06/10/09**	**00:28**
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/10/09	00:28
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/10/09	00:28
9)	Nitrobenzene	98-95-3	0.057	J	0.10	1	mg/kg	06/10/09	00:28
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/10/09	00:28
11)	[illegible]yl	479-45-8	BQL	U	0.20	1	mg/kg	06/10/09	00:28
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/10/09	00:28
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/10/09	00:28
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/10/09	00:28

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	106 %	30 - 130	1	06/10/09	00:28

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M-RR-447	Lab Sample ID:	906020-015-015-1/1
Sample Date/Time:	06/02/2009 11:45	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:21	Preparation Method:	EXT_SW8330
Prepared Date/Time:	08/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	**1,3,5-Trinitrobenzene**	**99-35-4**	**0.30**		**0.10**	**1**	**mg/kg**	**06/10/09**	**00:52**
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/10/09	00:52
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/10/09	00:52
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/10/09	00:52
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/10/09	00:52
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	0.063	J	0.10	1	mg/kg	06/10/09	00:52
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	0.082	J	0.10	1	mg/kg	06/10/09	00:52
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/10/09	00:52
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/10/09	00:52
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/10/09	00:52
11)	yl	479-45-8	BQL	U	0.20	1	mg/kg	06/10/09	00:52
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/10/09	00:52
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/10/09	00:52
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/10/09	00:52

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	103 %	30 - 130	1	06/10/09	00:52

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-449	Lab Sample ID:	906020-016-016-1/1
Sample Date/Time:	06/02/2009 12:15	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:21	Preparation Method:	EXT_SW8330
Prepared Date/Time:	08/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.099	1	mg/kg	06/10/09	01:17
2)	1,3-Dinitrobenzene	99-65-0	0.036	J	0.099	1	mg/kg	06/10/09	01:17
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.099	1	mg/kg	06/10/09	01:17
4)	**2,4-Dinitrotoluene**	**121-14-2**	**0.16**		**0.099**	**1**	**mg/kg**	**06/10/09**	**01:17**
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.099	1	mg/kg	06/10/09	01:17
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	0.038	J	0.099	1	mg/kg	06/10/09	01:17
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.099	1	mg/kg	06/10/09	01:17
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/10/09	01:17
9)	Nitrobenzene	98-95-3	BQL	U	0.099	1	mg/kg	06/10/09	01:17
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/10/09	01:17
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/10/09	01:17
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/10/09	01:17
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/10/09	01:17
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/10/09	01:17

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	114 %	30 - 130	1	06/10/09	01:17

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli[illegible] Sample ID:	200708M-RR-450	Lab Sample ID:	906020-017-017-1/1
Sample Date/Time:	06/02/2009 12:30	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:21	Preparation Method:	EXT_SW8330
Prepared Date/Time:	08/08/2009 00:00	Analytical Method:	SW8330

# Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,3,5-Trinitrobenzene	99-35-4	0.071	J	0.099	1	mg/kg	06/10/09	02:31
2) 1,3-Dinitrobenzene	99-65-0	BQL	U	0.099	1	mg/kg	06/10/09	02:31
3) 2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.099	1	mg/kg	06/10/09	02:31
4) 2,4-Dinitrotoluene	**121-14-2**	**0.11**		**0.099**	**1**	**mg/kg**	**06/10/09**	**02:31**
5) 2,6-Dinitrotoluene	606-20-2	BQL	U	0.099	1	mg/kg	06/10/09	02:31
6) 2-Amino-4,6-Dinitrotoluene	35572-78-2	0.075	J	0.099	1	mg/kg	06/10/09	02:31
7) 4-Amino-2,6-Dinitrotoluene	**19406-51-0**	**0.12**		**0.099**	**1**	**mg/kg**	**06/10/09**	**02:31**
8) HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/10/09	02:31
9) Nitrobenzene	98-95-3	BQL	U	0.099	1	mg/kg	06/10/09	02:31
10) RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/10/09	02:31
11) T[illegible]ryl	479-45-8	BQL	U	0.20	1	mg/kg	06/10/09	02:31
12) m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/10/09	02:31
13) o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/10/09	02:31
14) p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/10/09	02:31

# Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	100-01-6	99 %	30 - 130	1	06/10/09	02:31

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M-RR-451	Lab Sample ID:	906020-018-018-1/1
Sample Date/Time:	06/02/2009 12:45	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:21	Preparation Method:	EXT_SW8330
Prepared Date/Time:	08/08/2009 00:00	Analytical Method:	SW8330

# Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/10/09	02:55
2) 1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/10/09	02:55
3) 2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/10/09	02:55
4) 2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/10/09	02:55
5) 2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/10/09	02:55
6) 2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/10/09	02:55
7) 4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/10/09	02:55
8) HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/10/09	02:55
9) Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/10/09	02:55
10) RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/10/09	02:55
11) yl	479-45-8	BQL	U	0.20	1	mg/kg	06/10/09	02:55
12) m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/10/09	02:55
13) o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/10/09	02:55
14) p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/10/09	02:55

# Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	100-01-6	90 %	30 - 130	1	06/10/09	02:55

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-452	Lab Sample ID:	906020-019-019-1/1
Sample Date/Time:	06/02/2009 13:00	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:21	Preparation Method:	EXT_SW8330
Prepared Date/Time:	08/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/10/09	03:20
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/10/09	03:20
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/10/09	03:20
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/10/09	03:20
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/10/09	03:20
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/10/09	03:20
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/10/09	03:20
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/10/09	03:20
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/10/09	03:20
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/10/09	03:20
11)	[illegible]yl	479-45-8	BQL	U	0.20	1	mg/kg	06/10/09	03:20
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/10/09	03:20
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/10/09	03:20
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/10/09	03:20

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	104 %	30 - 130	1	06/10/09	03:20

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl. Sample ID:	200708M-RR-453	Lab Sample ID:	906020-020-020-1/1
Sample Date/Time:	06/02/2009 13:15	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:21	Preparation Method:	NA
Prepared Date/Time:		Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/10/09	03:44
2)	1;3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/10/09	03:44
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/10/09	03:44
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/10/09	03:44
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/10/09	03:44
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/10/09	03:44
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/10/09	03:44
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/10/09	03:44
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/10/09	03:44
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/10/09	03:44
11)	yl	479-45-8	BQL	U	0.20	1	mg/kg	06/10/09	03:44
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/10/09	03:44
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/10/09	03:44
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/10/09	03:44

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	109 %	30 - 130	1	06/10/09	03:44

Qualifier Definitions

McTech Corp.

Work Order: 906020

All Departments

U Indicates that the compound was analyzed for but not detected

BQL Below Quantitation Limit

Organics

B Indicates that the analyte was found in the associated blank as well as in the sample

D Indicates that the analyte was reported from a diluted analysis

E Indicates that the concentration detected exceeded the calibration range of the instrument

J Value is less than the reporting limit but greater than the MDL

P Indicates that there is greater than 25% difference for detected pesticide/Arochlor results between the two GC columns

Metals

' Indicates that the reported value was less than the reporting limit but greater than or equal to the IDL/MDL

E Indicates that the reported value is estimated because of the possible presence of interference (i.e. the serial dilution not within control limits)

H Indicates that the element was found in the associated blank as well as in the sample and the value is greater than or equal to the reporting limit

D Indicates that the analyte was reported from a diluted analysis

N Spiked sample recovery not within control limits

* Duplicate analysis not within control limits

GPL LABORATORIES, LLLP

7101A Corporate Circle
Frederick, MD 21703
(301) 694-5310
Fax (301) 620-0731

Contract/Billing Reference

1 of 4 Pgs.

Project: 200708M Rebuild Residual Risk
Client: McTech Corp
Send Results To: Kim Chambers
Address: 240 Oliver St., Ste 2
St. Albans, WV 25177
Phone: 304-201-2205

Turnaround Time: Std.
# of Containers: 1 sample
Container Type: 8oz/6
Preservative Used: 4°C
Type of Analysis: Total Rubidium 8332

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Samplers Initials	Total Rubidium 8332	Lab Cooler No.	CLIENT COMMENTS
200708M-RR-433	10/2/09	0830	Soil	JR	✓		
200708M-RR-434		0845			✓		
200708M-RR-435		0900			✓		
200708M-RR-436		0915			✓		
200708M-RR-437		0930			✓		
200708M-RR-438		0945			✓		
200708M-RR-439		1000			✓		
200708M-RR-440		1015			✓		
200708M-RR-441		1030			✓		
200708M-RR-442		1045			✓		
200708M-RR-443		1100			✓		
200708M-RR-444		1115			✓		

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By	Date/Time
[signature]	6-309 1500			[signature]	6/4/09 9:46

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:
				30

G.P. W.O. 906020

GPL LABORATORIES, LLLP

210A Corporate Court
Frederick, MD 21703
(301) 694-5310
Fax (301) 620-0731

Contract #/Billing Reference

2 of 4 Pgs.

Project: 200708M. PREWP. Residual Risk
Client: McTech Corp
Send Results To: Kim Chambers
Address: 240 Oliver St., Ste. 2
St. Albans WV 25177
Phone: 304. 201. 2205

Turnaround Time: Std.
# of Containers: 1 Sample
Container Type: 500g
Preservative Used: 4°C
Type of Analysis: Total Mercury 7471 / P230

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Total Mercury 7471 / P230	Lab Cooler No.	CLIENT COMMENTS
200708M RE.445	6/2/09	1130	Soil	JL	✓		
200708M RE.446	6/2/09	1200	"		✓		
200708M RE.447	6/2/09	1145			✓		
~~200708M RE.448~~							
200708M RE.449		1215			✓		
200708M RE.450		1230			✓		
200708M RE.451		1245			✓		
200708M RE.452		1300			✓		
200708M RE.453		1315			✓		
200708M RE.454		1330			✓		
200708M RE.455		1345			✓		
200708M RE.448	6/2/09	1400	Soil	JL	✓		

Relinquished By:	Date/Time	Received By:	Relinquished By:	Received for Laboratory By:	Date/Time
[signature]	6/3/09 1500			[signature]	6/4/09 9:45

Relinquished By:	Date/Time	Received By:	Date/Time	Shipper:	Airbill No.:

Relinquished By:	Date/Time	Received By:	Lab Comments:	Temp:
				3°

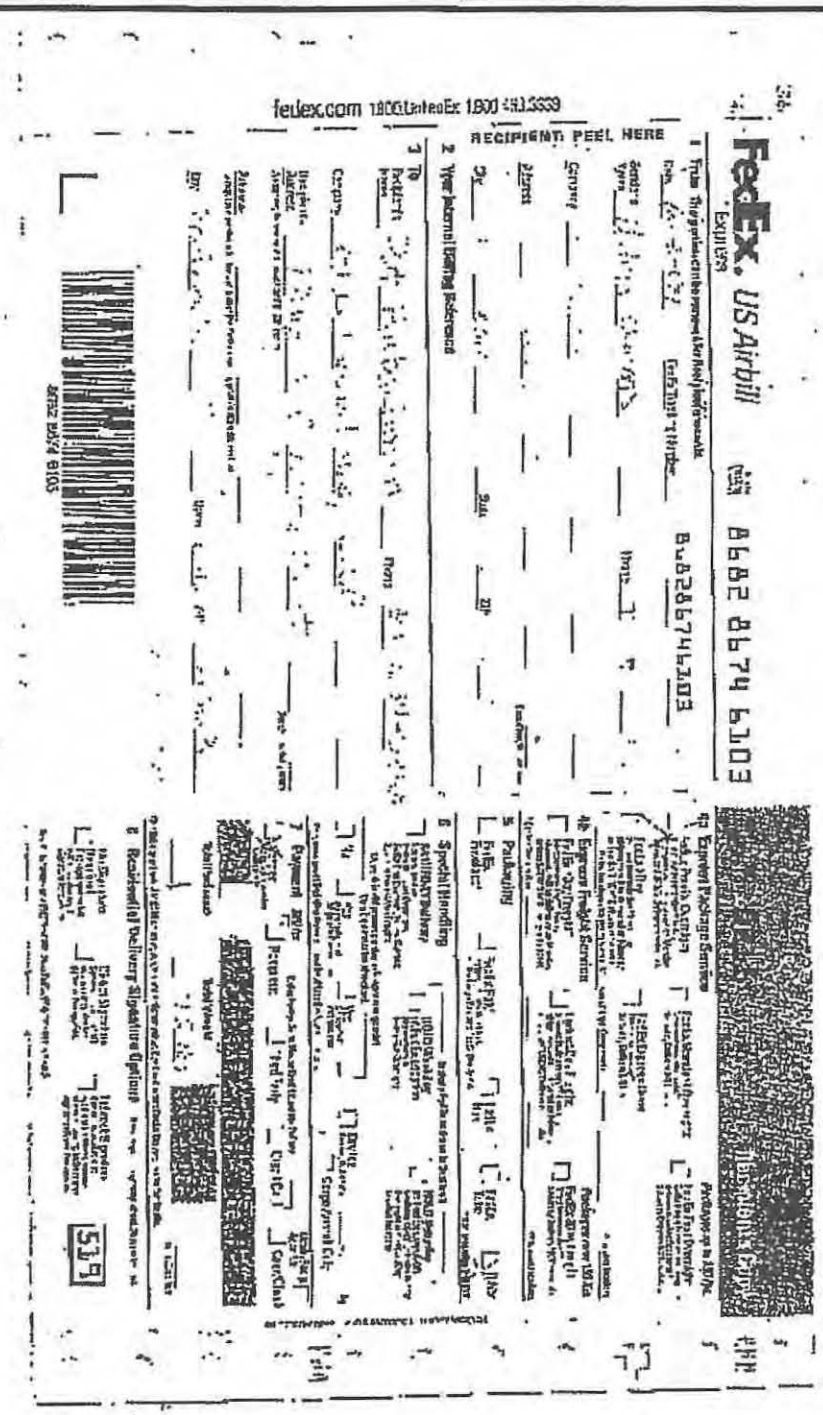
G.P. W.O. 906020

GPL Laboratories, LLLP
210A Corporate CT, Frederick, MD 21703
Tel. (301)694-5310 Fax (301)620-0731

Chain of Custody

McTech Corp.

SDG: 906020



GPL Laboratories, LLLP

SAMPLE RECEIPT CHECKLIST

W.O. No: 906020

Client Name: Mctech Corp

Date Received: 6/4/09

Time Received: 9:45

Received By: Walter

Carrier Name: Fed-Ex

Prepared (Logged In) By: LB 6/4/09

Project:

Site:

VOA Holding Blank ID No:

	YES	NO
Airbill/Manifest Present?	✓	
No: 868386746103		
Shipping Container In Good Condition?	✓	
Custody Seals Present on Shipping Container?	✓	
Condition: Good ✓ Broken		
Chain of Custody Present?	✓	
Chain of Custody Agrees with Sample Labels?	✓	
Chain of Custody Signed?	✓	
Packing Present in Shipping Container?	✓	
Type of Packing: Bubble wrap		
Custody Seals on Sample Bottles?	✓	
Condition: Good ✓ Broken		
Total Number of Sample Bottles: 20	✓	
Total Number of Samples: 20	✓	
Samples Intact?	✓	
Sufficient Sample Volume for indicated Test?	✓	

	YES	NO
Trip Blanks Received?		✓
No. of Sets		
VOA Vials Have Zero Headspace?		✓
Preservatives Added to Sample?		✓
pH Check Required?		✓
Performed By:		
Ice Present in Shipping Container?	✓	

Container #	Temperature
1	3°

Project Manager Contacted?

Name: Pat

Date Contacted: 6/4/09

Any NO response must be detailed in the comments section below. If items are not applicable to particular samples or contracts, they should be marked N/A.

COMMENTS:

Checklist Completed By: Walter

Date: 6/4/09

Analytical Report For 906021

for

McTech Corp.

Project Manager: Kim Chambers

Project Name: Plum Brook

GPL

Laboratories

GPL Laboratories, LLLP certifies that the test results meet all requirements of the NELAC Standards unless otherwise noted.

Per

Reviewed By,
Project Manager

Approved By,
Laboratory Director

The Case Narrative, Chain of Custody, Sample Receipt Checklist, and the cover page of the Sample Analysis Report, are integral parts of GPL Laboratories' report package. If you did not receive all of these documents, please contact GPL immediately.

Sample Receipt

Eighteen soil samples were received on 06/04/2009. The samples were delivered by Federal Express. Sample receipt conditions and temperatures are documented on the Sample Receipt checklist.

Sample Analysis

Samples were prepared and analyzed by GPL using the analytical methodologies indicated on the Sample Analysis Summary Report. In some chromatographic analyses, manual integration is used instead of automated integration because it produces more accurate results. All manual integrations are denoted on the sample quantitation report. Analysis results and limits for soil are reported on a dry weight basis unless otherwise specified on the report.

Explosives/Propellants

Eighteen soil samples were extracted and analyzed for explosives compounds using the EPA-SW846 method SW8330.

Both extraction and analysis holding times were met.

The samples were reanalyzed on a second different column for confirmation.

Due to matrix interferences, the surrogate recovery for one samples was above the QC limits . All other surrogate recoveries were within the QC limits.

T matrix spike and matrix spike duplicate analyses were performed on sample 200708M-RR-455. All recoveries were within the QC limits.

A laboratory control sample was extracted and analyzed along with this batch. All recoveries were within the QC limits.

Manual integration was performed on some data files, when automatic integration provided by the software was inappropriate.

Reviewed By,
Project Manager

Approved By,
Laboratory Director

Sample Summary Report

McTech Corp.

Work Order: 906021

Client Sample ID	Lab Sample ID	Analytical Method	Matrix	Date Sampled	Date Recieved
200708M-RR-286	906021-018-018-1/1	SW8330	SOIL	06/03/2009	06/04/2009
200708M-RR-296	906021-015-015-1/1	SW8330	SOIL	06/03/2009	06/04/2009
200708M-RR-312	906021-014-014-1/1	SW8330	SOIL	06/03/2009	06/04/2009
200708M-RR-337	906021-017-017-1/1	SW8330	SOIL	06/03/2009	06/04/2009
200708M-RR-353	906021-016-016-1/1	SW8330	SOIL	06/03/2009	06/04/2009
200708M-RR-367	906021-012-012-1/1	SW8330	SOIL	06/03/2009	06/04/2009
200708M-RR-383	906021-013-013-1/1	SW8330	SOIL	06/03/2009	06/04/2009
200708M-RR-448	906021-003-003-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-454	906021-001-001-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-455	906021-002-002-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-456	906021-004-004-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-457	906021-005-005-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-458	906021-006-006-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-459	906021-007-007-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-460	906021-008-008-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-461	906021-009-009-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-462	906021-010-010-1/1	SW8330	SOIL	06/02/2009	06/04/2009
200708M-RR-463	906021-011-011-1/1	SW8330	SOIL	06/02/2009	06/04/2009

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M-RR-454	Lab Sample ID:	906021-001-001-1/1
Sample Date/Time:	06/02/2009 13:30	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:32	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/08/2009 00:00	Analytical Method:	SW8330

# Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/10/09	05:47
2) 1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/10/09	05:47
3) 2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/10/09	05:47
4) 2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/10/09	05:47
5) 2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/10/09	05:47
6) 2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/10/09	05:47
7) 4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/10/09	05:47
8) HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/10/09	05:47
9) Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/10/09	05:47
10) RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/10/09	05:47
11) Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/10/09	05:47
12) Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/10/09	05:47
13) o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/10/09	05:47
14) p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/10/09	05:47

# Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	100-01-6	113 %	30 - 130	1	06/10/09	05:47

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl[illegible] Sample ID:	200708M-RR-455	Lab Sample ID:	906021-002-002-1/1
Sample Date/Time:	06/02/2009 13:45	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:32	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.099	1	mg/kg	06/10/09	06:12
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.099	1	mg/kg	06/10/09	06:12
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.099	1	mg/kg	06/10/09	06:12
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	0.099	1	mg/kg	06/10/09	06:12
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.099	1	mg/kg	06/10/09	06:12
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.099	1	mg/kg	06/10/09	06:12
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.099	1	mg/kg	06/10/09	06:12
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/10/09	06:12
9)	Nitrobenzene	98-95-3	BQL	U	0.099	1	mg/kg	06/10/09	06:12
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/10/09	06:12
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/10/09	06:12
12)	[illegible]-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/10/09	06:12
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/10/09	06:12
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/10/09	06:12

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	115 %	30 - 130	1	06/10/09	06:12

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cli Sample ID:	200708M-RR-448	Lab Sample ID:	906021-003-003-1/1
Sample Date/Time:	06/02/2009 14:00	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:32	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	0.078	J	0.10	1	mg/kg	06/10/09	07:26
2)	1,3-Dinitrobenzene	99-65-0	0.019	J	0.10	1	mg/kg	06/10/09	07:26
3)	**2,4,6-Trinitrotoluene**	**118-96-7**	**0.49**		**0.10**	**1**	**mg/kg**	**06/10/09**	**07:26**
4)	2,4-Dinitrotoluene	121-14-2	0.067	J	0.10	1	mg/kg	06/10/09	07:26
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/10/09	07:26
6)	**2-Amino-4,6-Dinitrotoluene**	**35572-78-2**	**0.46**		**0.10**	**1**	**mg/kg**	**06/10/09**	**07:26**
7)	**4-Amino-2,6-Dinitrotoluene**	**19406-51-0**	**0.46**		**0.10**	**1**	**mg/kg**	**06/10/09**	**07:26**
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/10/09	07:26
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/10/09	07:26
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/10/09	07:26
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/10/09	07:26
12)	Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/10/09	07:26
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/10/09	07:26
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/10/09	07:26

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	116 %	30 - 130	1	06/10/09	07:26

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl Sample ID:	200708M-RR-456	Lab Sample ID:	906021-004-004-1/1
Sample Date/Time:	06/02/2009 14:15	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:32	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/08/2009 00:00	Analytical Method:	SW8330

# Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/10/09	07:51
2) 1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/10/09	07:51
3) 2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/10/09	07:51
4) 2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/10/09	07:51
5) 2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/10/09	07:51
6) 2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/10/09	07:51
7) 4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/10/09	07:51
8) HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/10/09	07:51
9) Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/10/09	07:51
10) RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/10/09	07:51
11) Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/10/09	07:51
12) m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/10/09	07:51
13) o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/10/09	07:51
14) p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/10/09	07:51

# Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	100-01-6	107 %	30 - 130	1	06/10/09	07:51

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl[illegible] Sample ID:	200708M-RR-457	Lab Sample ID:	906021-005-005-1/1
Sample Date/Time:	06/02/2009 14:30	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:32	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/08/2009 00:00	Analytical Method:	SW8330

# Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/10/09	08:15
2) 1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/10/09	08:15
3) 2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/10/09	08:15
4) 2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/10/09	08:15
5) 2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/10/09	08:15
6) 2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/10/09	08:15
7) 4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/10/09	08:15
8) HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/10/09	08:15
9) Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/10/09	08:15
10) RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/10/09	08:15
11) Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/10/09	08:15
12) ...-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/10/09	08:15
13) o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/10/09	08:15
14) p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/10/09	08:15

# Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	100-01-6	107 %	30 - 130	1	06/10/09	08:15

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl Sample ID:	200708M-RR-458	Lab Sample ID:	906021-006-006-1/1
Sample Date/Time:	06/02/2009 14:45	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:32	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/08/2009 00:00	Analytical Method:	SW8330

# Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/10/09	08:40
2) 1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/10/09	08:40
3) 2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/10/09	08:40
4) 2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/10/09	08:40
5) 2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/10/09	08:40
6) 2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/10/09	08:40
7) 4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/10/09	08:40
8) HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/10/09	08:40
9) Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/10/09	08:40
10) RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/10/09	08:40
11) Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/10/09	08:40
12) ...-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/10/09	08:40
13) o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/10/09	08:40
14) p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/10/09	08:40

# Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	100-01-6	117 %	30 - 130	1	06/10/09	08:40

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl[illegible] Sample ID:	200708M-RR-459	Lab Sample ID:	906021-007-007-1/1
Sample Date/Time:	06/02/2009 15:00	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:32	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/08/2009 00:00	Analytical Method:	SW8330

# Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/10/09	09:04
2) 1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/10/09	09:04
3) 2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/10/09	09:04
4) 2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/10/09	09:04
5) 2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/10/09	09:04
6) 2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/10/09	09:04
7) 4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/10/09	09:04
8) HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/10/09	09:04
9) Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/10/09	09:04
10) RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/10/09	09:04
11) Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/10/09	09:04
12) [illegible]-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/10/09	09:04
13) o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/10/09	09:04
14) p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/10/09	09:04

# Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	100-01-6	114 %	30 - 130	1	06/10/09	09:04

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl Sample ID:	200708M-RR-460	Lab Sample ID:	906021-008-008-1/1
Sample Date/Time:	06/02/2009 15:15	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:32	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/10/09	09:29
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/10/09	09:29
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/10/09	09:29
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/10/09	09:29
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/10/09	09:29
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/10/09	09:29
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	0.060	J	0.10	1	mg/kg	06/10/09	09:29
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/10/09	09:29
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/10/09	09:29
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/10/09	09:29
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/10/09	09:29
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/10/09	09:29
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/10/09	09:29
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/10/09	09:29

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	111 %	30 - 130	1	06/10/09	09:29

Analytical Summary Report

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl[illegible] Sample ID:	200708M-RR-461	Lab Sample ID:	906021-009-009-1/1
Sample Date/Time:	06/02/2009 15:30	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:32	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.099	1	mg/kg	06/10/09	09:54
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.099	1	mg/kg	06/10/09	09:54
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.099	1	mg/kg	06/10/09	09:54
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	0.099	1	mg/kg	06/10/09	09:54
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.099	1	mg/kg	06/10/09	09:54
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.099	1	mg/kg	06/10/09	09:54
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.099	1	mg/kg	06/10/09	09:54
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/10/09	09:54
9)	Nitrobenzene	98-95-3	BQL	U	0.099	1	mg/kg	06/10/09	09:54
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/10/09	09:54
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/10/09	09:54
12)	[illegible]Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/10/09	09:54
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/10/09	09:54
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/10/09	09:54

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	107 %	30 - 130	1	06/10/09	09:54

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl Sample ID:	200708M-RR-462	Lab Sample ID:	906021-010-010-1/1
Sample Date/Time:	06/02/2009 15:45	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:32	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/08/2009 00:00	Analytical Method:	SW8330

# Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1) 1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/10/09	10:18
2) 1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/10/09	10:18
3) 2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/10/09	10:18
4) 2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/10/09	10:18
5) 2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/10/09	10:18
6) 2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/10/09	10:18
7) 4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/10/09	10:18
8) HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/10/09	10:18
9) Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/10/09	10:18
10) RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/10/09	10:18
11) Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/10/09	10:18
12) m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/10/09	10:18
13) o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/10/09	10:18
14) p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/10/09	10:18

# Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15) 4-Nitroaniline	100-01-6	105 %	30 - 130	1	06/10/09	10:18

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Client Sample ID:	200708M-RR-463	Lab Sample ID:	906021-011-011-1/1
Sample Date/Time:	06/02/2009 16:00	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:32	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/10/09	10:43
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/10/09	10:43
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/10/09	10:43
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/10/09	10:43
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/10/09	10:43
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/10/09	10:43
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/10/09	10:43
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/10/09	10:43
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/10/09	10:43
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/10/09	10:43
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/10/09	10:43
12)	m-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/10/09	10:43
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/10/09	10:43
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/10/09	10:43

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	110 %	30 - 130	1	06/10/09	10:43

Client Name:	McTech Corp.	Sample Matrix:	SOIL
Cl Sample ID:	200708M-RR-367	Lab Sample ID:	906021-012-012-1/1
Sample Date/Time:	06/03/2009 09:00	Percent Moisture:	NA
Receipt Date/Time:	06/04/2009 11:32	Preparation Method:	EXT_SW8330
Prepared Date/Time:	06/08/2009 00:00	Analytical Method:	SW8330

#	Parameter	CAS	Reported Result	Q	Reporting Limit	Dil Fact	Units	Analysis Date/Time	
1)	1,3,5-Trinitrobenzene	99-35-4	BQL	U	0.10	1	mg/kg	06/10/09	11:07
2)	1,3-Dinitrobenzene	99-65-0	BQL	U	0.10	1	mg/kg	06/10/09	11:07
3)	2,4,6-Trinitrotoluene	118-96-7	BQL	U	0.10	1	mg/kg	06/10/09	11:07
4)	2,4-Dinitrotoluene	121-14-2	BQL	U	0.10	1	mg/kg	06/10/09	11:07
5)	2,6-Dinitrotoluene	606-20-2	BQL	U	0.10	1	mg/kg	06/10/09	11:07
6)	2-Amino-4,6-Dinitrotoluene	35572-78-2	BQL	U	0.10	1	mg/kg	06/10/09	11:07
7)	4-Amino-2,6-Dinitrotoluene	19406-51-0	BQL	U	0.10	1	mg/kg	06/10/09	11:07
8)	HMX	2691-41-0	BQL	U	0.20	1	mg/kg	06/10/09	11:07
9)	Nitrobenzene	98-95-3	BQL	U	0.10	1	mg/kg	06/10/09	11:07
10)	RDX	121-82-4	BQL	U	0.20	1	mg/kg	06/10/09	11:07
11)	Tetryl	479-45-8	BQL	U	0.20	1	mg/kg	06/10/09	11:07
12)	...-Nitrotoluene	99-08-1	BQL	U	0.20	1	mg/kg	06/10/09	11:07
13)	o-Nitrotoluene	88-72-2	BQL	U	0.20	1	mg/kg	06/10/09	11:07
14)	p-Nitrotoluene	99-99-0	BQL	U	0.20	1	mg/kg	06/10/09	11:07

#	Surrogate Parameter	CAS	Percent Recovery	Control Limits	Dil Fact	Analysis Date/Time	
15)	4-Nitroaniline	100-01-6	105 %	30 - 130	1	06/10/09	11:07

APPENDIX D

QUALITY CONTROL REPORTS
SAFETY SHEETS

CONTRACTOR'S QUALITY CONTROL REPORT (QCR) (ER 1180-1-6)

DATE: 5/11/09 REPORT NO.

CONTRACT NUMBER AND NAME OF CONTRACTOR 200708m · McTech

DESCRIPTION AND LOCATION OF THE WORK: PRRWP

WEATHER CLASSIFICATION:

CLASS A No interruptions of any kind from weather conditions occurring on this or previous shifts.
CLASS B Weather occurred during this shift that caused a complete stoppage of all work.
CLASS C Weather occurred during this shift that caused a partial stoppage of work.
CLASS D Weather overhead excellent or suitable during shift. Work completely stopped due to results of previous adverse weather.
CLASS E Weather overhead excellent or suitable during shift but work partially stopped due to previous adverse manner.
OTHER Explain. CLASSIFICATION:

CLASS A

TEMPERATURE:

MAX 65 MIN 35

PRECIPITATION:

INCHES Ø

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY: (Attach list of items of equipment either idle or working as appropriate.)

a. Dan Cashbaugh Operator/Site Coordinator; James Russell-laborer McTech
b. Streamborn - Helen Owens - QCO/ Sample Tech.
c.
d.
e.
f.
g.

1. WORK PERFORMED TODAY: (Indicate location and description of work performed. Refer to work performed by prime and /or subcontractors by letter in Table above.)

Completed numbering the sample locations on 90' diameter

2. TYPE AND RESULTS OF INSPECTION: (Indicate whether: P-Preparatory, I-Initial, or F-Follow-up and include satisfactory work completed or deficiencies with action to be taken.)

N/A

3. TESTS REQUIRED BY PLANS AND/OR SPECIFICATIONS PERFORMED AND RESULTS OF TESTS:

None required

4. VERBAL INSTRUCTIONS RECEIVED: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with action to be taken.)

None received

5. REMARKS: (Cover any conflicts in plans, specifications or instructions: acceptability of incoming materials; offsite surveillance activities; progress of work, delays, causes and extent thereof; days of no work with reasons for same.)

None received

6. SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective actions taken.)

all tasks performed as detailed in SSHSP

INSPECTOR

CONTRACTOR'S CERTIFICATION: I certify that the above report is complete and correct and that all material and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above.

Jeff Owens

CONTRACTOR'S APPROVED AUTHORIZED REPRESENTATIVE

CONTRACTOR'S QUALITY CONTROL REPORT (QCR) (ER 1180-1-6)

DATE: 5/12/09 REPORT NO.

CONTRACT NUMBER AND NAME OF CONTRACTOR 200708m - McTech

DESCRIPTION AND LOCATION OF THE WORK: PRRWP

WEATHER CLASSIFICATION:

CLASS A No interruptions of any kind from weather conditions occurring on this or previous shifts.
CLASS B Weather occurred during this shift that caused a complete stoppage of all work.
CLASS C Weather occurred during this shift that caused a partial stoppage of work.
CLASS D Weather overhead excellent or suitable during shift. Work completely stopped due to results of previous adverse weather.
CLASS E Weather overhead excellent or suitable during shift but work partially stopped due to previous adverse manner.
OTHER Explain. CLASSIFICATION:

CLASS A

TEMPERATURE:

MAX ~~42~~ 71 MIN 42

PRECIPITATION:

INCHES Ø

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY: (Attach list of items of equipment either idle or working as appropriate.)

a. McTech - Dan Cashbaugh - Operator / Site Coord.
James Russell - Laborer
b. Streamborn Env. - Helen Owens - QCO / Sample Tech
c.
d.
e.
f. McTech Equipment - 1 CX 160 excavator, pump, water tank, pickup truck
g.

1. WORK PERFORMED TODAY: (Indicate location and description of work performed. Refer to work performed by prime and /or subcontractors by letter in Table above.) HJO 5/14/09

- Sampled @ location 239 through ~~252~~ 251

2. TYPE AND RESULTS OF INSPECTION: (Indicate whether: P-Preparatory, I-Initial, or F-Follow-up and include satisfactory work completed or deficiencies with action to be taken.)

3. TESTS REQUIRED BY PLANS AND/OR SPECIFICATIONS PERFORMED AND RESULTS OF TESTS:

None required

4. VERBAL INSTRUCTIONS RECEIVED: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with action to be taken.)

None received

5. REMARKS: (Cover any conflicts in plans, specifications or instructions: acceptability of incoming materials; offsite surveillance activities; progress of work, delays, causes and extent thereof; days of no work with reasons for same.)

None

6. SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective actions taken.)

all tasks performed as detailed in SSHSP.

INSPECTOR

CONTRACTOR'S CERTIFICATION: I certify that the above report is complete and correct and that all material and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above.

Rick Owens

CONTRACTOR'S APPROVED AUTHORIZED REPRESENTATIVE

CONTRACTOR'S QUALITY CONTROL REPORT (QCR) (ER 1180-1-6)

DATE: 5/13/09 **REPORT NO.**

CONTRACT NUMBER AND NAME OF CONTRACTOR 200708 m - McTech

DESCRIPTION AND LOCATION OF THE WORK: PRRWP

WEATHER CLASSIFICATION:

CLASS A No interruptions of any kind from weather conditions occurring on this or previous shifts.
CLASS B Weather occurred during this shift that caused a complete stoppage of all work.
CLASS C Weather occurred during this shift that caused a partial stoppage of work.
CLASS D Weather overhead excellent or suitable during shift. Work completely stopped due to results of previous adverse weather.
CLASS E Weather overhead excellent or suitable during shift but work partially stopped due to previous adverse manner.
OTHER Explain. **CLASSIFICATION:**

CLASS A

TEMPERATURE:

MAX 68 **MIN** 51

PRECIPITATION:

INCHES ~1

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY: (Attach list of items of equipment either idle or working as appropriate.)

a. McTech - D. Cashbaugh - Operator / Site Coordinator
James Russell - labor
b. Streamborn Env. - Nelia Owens QCO / Sample Tech
c.
d.
e.
f. McTech Equipment - 1 Uxiled Excavator, pump, water tank, pick up truck
g.

1. WORK PERFORMED TODAY: (Indicate location and description of work performed. Refer to work performed by prime and /or subcontractors by letter in Table above.)

Sampled @ locations ~~253 - 259~~ 252 - 258 5/14/09

2. TYPE AND RESULTS OF INSPECTION: (Indicate whether: P-Preparatory, I-Initial, or F-Follow-up and include satisfactory work completed or deficiencies with action to be taken.)

N/A

3. TESTS REQUIRED BY PLANS AND/OR SPECIFICATIONS PERFORMED AND RESULTS OF TESTS:

None required

4. VERBAL INSTRUCTIONS RECEIVED: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with action to be taken.)

None received

5. REMARKS: (Cover any conflicts in plans, specifications or instructions: acceptability of incoming materials; offsite surveillance activities; progress of work, delays, causes and extent thereof; days of no work with reasons for same.)

None received

6. SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective actions taken.)

all tasks performed as detailed in SSHSP

INSPECTOR

CONTRACTOR'S CERTIFICATION: I certify that the above report is complete and correct and that all material and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above.

Neil Owens

CONTRACTOR'S APPROVED AUTHORIZED REPRESENTATIVE

CONTRACTOR'S QUALITY CONTROL REPORT (QCR) (ER 1180-1-6)

DATE: 5/14/09 **REPORT NO.**

CONTRACT NUMBER AND NAME OF CONTRACTOR 200708 m - McTech

DESCRIPTION AND LOCATION OF THE WORK: PRRWP

WEATHER CLASSIFICATION:

CLASS A No interruptions of any kind from weather conditions occurring on this or previous shifts.
CLASS B Weather occurred during this shift that caused a complete stoppage of all work.
CLASS C Weather occurred during this shift that caused a partial stoppage of work.
CLASS D Weather overhead excellent or suitable during shift. Work completely stopped due to results of previous adverse weather.
CLASS E Weather overhead excellent or suitable during shift but work partially stopped due to previous adverse manner.
OTHER Explain. **CLASSIFICATION:**

CLASS A

TEMPERATURE:

MAX 74 **MIN** 52

PRECIPITATION:

INCHES ~ 1/2

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY: (Attach list of items of equipment either idle or working as appropriate.)

a. McTech - Dan Cashbaugh - Site Coordinator / labor
James Russell - laborer
b. Streamborn Env. Services - Helen Owens - QCO / sample Tech
c.
d.
e.
f. McTech Equipment - 1 LX 160 Linkbelt excavator, pump, water tank, pick up truck
g.

1. WORK PERFORMED TODAY: (Indicate location and description of work performed. Refer to work performed by prime and /or subcontractors by letter in Table above.)

Sampled ~~260~~ - 80
259 - 265

2. TYPE AND RESULTS OF INSPECTION: (Indicate whether: P-Preparatory, I-Initial, or F-Follow-up and include satisfactory work completed or deficiencies with action to be taken.)

3. TESTS REQUIRED BY PLANS AND/OR SPECIFICATIONS PERFORMED AND RESULTS OF TESTS:

None required

4. VERBAL INSTRUCTIONS RECEIVED: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with action to be taken.)

None received

5. REMARKS: (Cover any conflicts in plans, specifications or instructions: acceptability of incoming materials; offsite surveillance activities; progress of work, delays, causes and extent thereof; days of no work with reasons for same.)

None received

6. SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective actions taken.)

all tasks performed as detailed in SSHSP

INSPECTOR

CONTRACTOR'S CERTIFICATION: I certify that the above report is complete and correct and that all material and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above.

Chris Owens

CONTRACTOR'S APPROVED AUTHORIZED REPRESENTATIVE

Daily Safety Meeting

Project: PRRWP. Residual Risk **Date:** 5/11/09

Discussion of work conditions and task expected to be completed today:

- Working on uneven surfaces
- " around open excavations
- " around heavey equipment
- High ambient temps. (~80s)

Topics to be discussed: (list below)

- Slips, trips, fall
- hydration

Task related to Safety Topic: (list below)

Comments from Project Manager or SSHO concerning the meeting:

None received

Notes concerning any safety related incidents that occurred:

None noted

Safety Meeting attendance:

I have attended the daily safety meeting. I have been briefed on today's job tasks and fully understand the safety issues associated with each task.

Name (printed)	Signature	Date
Helen J. Owens	Helen J. Owens	5/11/09
		5/11/09
James B. Russell	James B. Russell	5/11/09

CONTRACTOR'S QUALITY CONTROL REPORT (QCR) (ER 1180-1-6)

DATE: 5/18/09 **REPORT NO.**

CONTRACT NUMBER AND NAME OF CONTRACTOR

DESCRIPTION AND LOCATION OF THE WORK: PRRWP

WEATHER CLASSIFICATION:

CLASS A No interruptions of any kind from weather conditions occurring on this or previous shifts.
CLASS B Weather occurred during this shift that caused a complete stoppage of all work.
CLASS C Weather occurred during this shift that caused a partial stoppage of work.
CLASS D Weather overhead excellent or suitable during shift. Work completely stopped due to results of previous adverse weather.
CLASS E Weather overhead excellent or suitable during shift but work partially stopped due to previous adverse manner.
OTHER Explain. **CLASSIFICATION:**

CLASS A

TEMPERATURE:

MAX 75 **MIN** 38

PRECIPITATION:

INCHES ϕ

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY: (Attach list of items of equipment either idle or working as appropriate.)

a. McTech - Dan Cashbaugh - Site Coordinator/Operator
James Russell - laborer

b.

c.

d.

e.

f. McTech Equipment - CX160 excavator, pump, water tank (body) pick-up truck

g.

1. WORK PERFORMED TODAY: (Indicate location and description of work performed. Refer to work performed by prime and /or subcontractors by letter in Table above.)

- Collected samples from 30' diameter.
- 7 samples bagged + tagged, placed on ice.

2. TYPE AND RESULTS OF INSPECTION: (Indicate whether: P-Preparatory, I-Initial, or F-Follow-up and include satisfactory work completed or deficiencies with action to be taken.)

N/A

3. TESTS REQUIRED BY PLANS AND/OR SPECIFICATIONS PERFORMED AND RESULTS OF TESTS:

None required.

4. VERBAL INSTRUCTIONS RECEIVED: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with action to be taken.)

None received.

5. REMARKS: (Cover any conflicts in plans, specifications or instructions: acceptability of incoming materials; offsite surveillance activities; progress of work, delays, causes and extent thereof; days of no work with reasons for same.)

None received.

6. SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective actions taken.)

all tasks performed according to SSHSP

INSPECTOR

CONTRACTOR'S CERTIFICATION: I certify that the above report is complete and correct and that all material and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above.

Kelly Owens

CONTRACTOR'S APPROVED AUTHORIZED REPRESENTATIVE

CONTRACTOR'S QUALITY CONTROL REPORT (QCR) (ER 1180-1-6)

DATE: 5/19/09 **REPORT NO.**

CONTRACT NUMBER AND NAME OF CONTRACTOR 200708M - McTech

DESCRIPTION AND LOCATION OF THE WORK: PRRWP

WEATHER CLASSIFICATION:

CLASS A No interruptions of any kind from weather conditions occurring on this or previous shifts.
CLASS B Weather occurred during this shift that caused a complete stoppage of all work.
CLASS C Weather occurred during this shift that caused a partial stoppage of work.
CLASS D Weather overhead excellent or suitable during shift. Work completely stopped due to results of previous adverse weather.
CLASS E Weather overhead excellent or suitable during shift but work partially stopped due to previous adverse manner.
OTHER Explain. **CLASSIFICATION:**

CLASS A

TEMPERATURE:

MAX 79 **MIN** 39

PRECIPITATION:

INCHES 0

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY: (Attach list of items of equipment either idle or working as appropriate.)

a. McTech - Dan Caskbrough - Site Coordinator / Operator
James Russell - Laborer
b. Streamboat Env. Svcs - Helen Owens - QCO
c.
d.
e.
f. McTech - 1 UX 160 linkbelt excavator, pickup truck, water tank, pump
g.

1. WORK PERFORMED TODAY: (Indicate location and description of work performed. Refer to work performed by prime and /or subcontractors by letter in Table above.)

- Collected samples along 30' diameter
- Completed sampling on 30' "

2. TYPE AND RESULTS OF INSPECTION: (Indicate whether: P-Preparatory, I-Initial, or F-Follow-up and include satisfactory work completed or deficiencies with action to be taken.)

N/A

3. TESTS REQUIRED BY PLANS AND/OR SPECIFICATIONS PERFORMED AND RESULTS OF TESTS:

None required

4. VERBAL INSTRUCTIONS RECEIVED: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with action to be taken.)

None received

5. REMARKS: (Cover any conflicts in plans, specifications or instructions: acceptability of incoming materials; offsite surveillance activities; progress of work, delays, causes and extent thereof; days of no work with reasons for same.)

None received

6. SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective actions taken.)

Work performed according to SSHSP

INSPECTOR

CONTRACTOR'S CERTIFICATION: I certify that the above report is complete and correct and that all material and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above.

Cheryl Owens

CONTRACTOR'S APPROVED AUTHORIZED REPRESENTATIVE

CONTRACTOR'S QUALITY CONTROL REPORT (QCR) (ER 1180-1-6)

DATE: 5/20/09 **REPORT NO.**

CONTRACT NUMBER AND NAME OF CONTRACTOR 200708 m. McTech

DESCRIPTION AND LOCATION OF THE WORK: PRRWP - Residual Risk

WEATHER CLASSIFICATION:

CLASS A No interruptions of any kind from weather conditions occurring on this or previous shifts.
CLASS B Weather occurred during this shift that caused a complete stoppage of all work.
CLASS C Weather occurred during this shift that caused a partial stoppage of work.
CLASS D Weather overhead excellent or suitable during shift. Work completely stopped due to results of previous adverse weather.
CLASS E Weather overhead excellent or suitable during shift but work partially stopped due to previous adverse manner.
OTHER Explain. **CLASSIFICATION:**

CLASS A

TEMPERATURE:

MAX 78 **MIN** 42

PRECIPITATION:

INCHES Ø

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY: (Attach list of items of equipment either idle or working as appropriate.)

a. McTech- Dan Cashbaugh S/C & operator
James Russell- laborer
b. Streamborn Env. Svcs- Helen Owens - QCO/sampletech
c.
d.
e.
f. McTech - 1 Lx 160 excavator, p/u truck, water tank, pump
g.

1. WORK PERFORMED TODAY: (Indicate location and description of work performed. Refer to work performed by prime and /or subcontractors by letter in Table above.)

~~Relocated sample to~~ location 4 05/20/09
Laid-out new grid of sample locations in north quadrant.

2. TYPE AND RESULTS OF INSPECTION: (Indicate whether: P-Preparatory, I-Initial, or F-Follow-up and include satisfactory work completed or deficiencies with action to be taken.)

N/A

3. TESTS REQUIRED BY PLANS AND/OR SPECIFICATIONS PERFORMED AND RESULTS OF TESTS:

None required

4. VERBAL INSTRUCTIONS RECEIVED: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with action to be taken.)

None received

5. REMARKS: (Cover any conflicts in plans, specifications or instructions: acceptability of incoming materials; offsite surveillance activities; progress of work, delays, causes and extent thereof; days of no work with reasons for same.)

None received.

6. SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective actions taken.)

Work performed according to SSHSP

INSPECTOR

CONTRACTOR'S CERTIFICATION: I certify that the above report is complete and correct and that all material and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above.

CONTRACTOR'S APPROVED AUTHORIZED REPRESENTATIVE

CONTRACTOR'S QUALITY CONTROL REPORT (QCR) (ER 1180-1-6)

DATE: ~~5/20~~ 5/21/09 **REPORT NO.**

CONTRACT NUMBER AND NAME OF CONTRACTOR 200708m. McTech

DESCRIPTION AND LOCATION OF THE WORK: PRRWP. Residual Risk

WEATHER CLASSIFICATION:

CLASS A No interruptions of any kind from weather conditions occurring on this or previous shifts.
CLASS B Weather occurred during this shift that caused a complete stoppage of all work.
CLASS C Weather occurred during this shift that caused a partial stoppage of work.
CLASS D Weather overhead excellent or suitable during shift. Work completely stopped due to results of previous adverse weather.
CLASS E Weather overhead excellent or suitable during shift but work partially stopped due to previous adverse manner.
OTHER Explain. **CLASSIFICATION:**

CLASS A

TEMPERATURE:

MAX 81 **MIN** 52

PRECIPITATION:

INCHES 0

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY: (Attach list of items of equipment either idle or working as appropriate.)

a. McTech. Dan Cashbaugh. S/C operator
James Russel - laborer
b. Streamborn Env. Svcs - Helen Owens QCO
c.
d.
e.
f. McTech - 1 tx 120 excavator, p/u truck, water tank, pump
g.

1. WORK PERFORMED TODAY: (Indicate location and description of work performed. Refer to work performed by prime and /or subcontractors by letter in Table above.)

- Laid-out grid of sample locations on south quadrant
- Packaged / shipped samples

2. TYPE AND RESULTS OF INSPECTION: (Indicate whether: P-Preparatory, I-Initial, or F-Follow-up and include satisfactory work completed or deficiencies with action to be taken.)

N/A

3. TESTS REQUIRED BY PLANS AND/OR SPECIFICATIONS PERFORMED AND RESULTS OF TESTS:

None required.

4. VERBAL INSTRUCTIONS RECEIVED: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with action to be taken.)

None received

5. REMARKS: (Cover any conflicts in plans, specifications or instructions: acceptability of incoming materials; offsite surveillance activities; progress of work, delays, causes and extent thereof; days of no work with reasons for same.)

None received

6. SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective actions taken.)

All work performed according to SSHSP

INSPECTOR

CONTRACTOR'S CERTIFICATION: I certify that the above report is complete and correct and that all material and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above.

CONTRACTOR'S APPROVED AUTHORIZED REPRESENTATIVE

Daily Safety Meeting

Project: PRRWP. Residual Risk

Date: 5/18-21/09

Discussion of work conditions and task expected to be completed today:

Work conditions- Uneven terrain, muddy → dry surfaces

Tasks - stake sample locations, collect samples

Topics to be discussed: (list below)

- Slips, trips, falls
- Working around excavator
- " " open excavations

Task related to Safety Topic: (list below)

Comments from Project Manager or SSHO concerning the meeting:

No comments

Notes concerning any safety related incidents that occurred:

Nothing noted

Safety Meeting attendance:

I have attended the daily safety meeting. I have been briefed on today's job tasks and fully understand the safety issues associated with each task.

Name (printed)	Signature	Date
Helen J. Owens	Helen Owens	5/18/09
[illegible]	[illegible]	5/18/09
James B. Russell	[illegible]	5-18-09

Daily Safety Meeting

Project: PRRWP · Residual Risk Date: 5/26/09

Discussion of work conditions and task expected to be completed today:

- Working on uneven surfaces
- " " areas littered w/ vegetation debris
- " " heavy equipment

Topics to be discussed: (list below)

- Slips, trips, falls
- Hydration

Task related to Safety Topic: (list below)

Comments from Project Manager or SSHO concerning the meeting:

None received

Notes concerning any safety related incidents that occurred:

None noted

Safety Meeting attendance:

I have attended the daily safety meeting. I have been briefed on today's job tasks and fully understand the safety issues associated with each task.

Name (printed)	Signature	Date
Helen Owens	Helen Owens	5/26/09
[illegible]	[illegible]	6/1/09
James B. Russell	James B. Russell	5-26-09

CONTRACTOR'S QUALITY CONTROL REPORT (QCR) (ER 1180-1-6)

DATE: 5/26/09 **REPORT NO.**

CONTRACT NUMBER AND NAME OF CONTRACTOR W91237.07.C0007. McTech

DESCRIPTION AND LOCATION OF THE WORK: PRRWP Residual Risk

WEATHER CLASSIFICATION:

CLASS A No interruptions of any kind from weather conditions occurring on this or previous shifts.
CLASS B Weather occurred during this shift that caused a complete stoppage of all work.
CLASS C Weather occurred during this shift that caused a partial stoppage of work.
CLASS D Weather overhead excellent or suitable during shift. Work completely stopped due to results of previous adverse weather.
CLASS E Weather overhead excellent or suitable during shift but work partially stopped due to previous adverse manner.
OTHER Explain. **CLASSIFICATION:**

CLASS A

TEMPERATURE:

MAX 76 **MIN** 62

PRECIPITATION:

INCHES ~1/2"

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY: (Attach list of items of equipment either idle or working as appropriate.)

a. McTech- Dan Cashbaugh. Site Coordinator/Operator; James Cashbaugh - laborer
b. Streamborn Env. Services- Helen Owens, QCO
c.
d.
e.
f. McTech Equipment- 1 Lx160 Linkbelt excavator, pump water tank, pick-up truck
g.

1. WORK PERFORMED TODAY: (Indicate location and description of work performed. Refer to work performed by prime and /or subcontractors by letter in Table above.)

- Sampled at locations 393 – 406.
- Samples labeled and stored on ice in cooler

2. TYPE AND RESULTS OF INSPECTION: (Indicate whether: P-Preparatory, I-Initial, or F-Follow-up and include satisfactory work completed or deficiencies with action to be taken.)

N/A

3. TESTS REQUIRED BY PLANS AND/OR SPECIFICATIONS PERFORMED AND RESULTS OF TESTS:

None required.

4. VERBAL INSTRUCTIONS RECEIVED: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with action to be taken.)

None received

5. REMARKS: (Cover any conflicts in plans, specifications or instructions: acceptability of incoming materials; offsite surveillance activities; progress of work, delays, causes and extent thereof; days of no work with reasons for same.)

None received

6. SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective actions taken.)

all work performed according to SSHSP

INSPECTOR

CONTRACTOR'S CERTIFICATION: I certify that the above report is complete and correct and that all material and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above.

CONTRACTOR'S APPROVED AUTHORIZED REPRESENTATIVE

CONTRACTOR'S QUALITY CONTROL REPORT (QCR) (ER 1180-1-6)

DATE: 5/27/09 **REPORT NO.**

CONTRACT NUMBER AND NAME OF CONTRACTOR W91237.07. C0007. McTech

DESCRIPTION AND LOCATION OF THE WORK: PRRWP. Residual Risk Sampling

WEATHER CLASSIFICATION:

CLASS A No interruptions of any kind from weather conditions occurring on this or previous shifts.
CLASS B Weather occurred during this shift that caused a complete stoppage of all work.
CLASS C Weather occurred during this shift that caused a partial stoppage of work.
CLASS D Weather overhead excellent or suitable during shift. Work completely stopped due to results of previous adverse weather.
CLASS E Weather overhead excellent or suitable during shift but work partially stopped due to previous adverse manner.
OTHER Explain. **CLASSIFICATION:**

CLASS A

TEMPERATURE:

MAX 84 **MIN** 62

PRECIPITATION:

INCHES <1/2"

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY: (Attach list of items of equipment either idle or working as appropriate.)

a. McTech Corp. - Dan Cashbaugh Site Coordinator/ Operator
James Russell. Laborer
b. Streamborn Env. Services - Helen Owens QCO
c.
d.
e.
f. McTech Equipment - 1 Linkbelt LX 1160 excavator, water tank, pump, pick up truck
g.

1. WORK PERFORMED TODAY: (Indicate location and description of work performed. Refer to work performed by prime and /or subcontractors by letter in Table above.)

- Sampled locations 407-420
- Samples packed + stored on ice.

2. TYPE AND RESULTS OF INSPECTION: (Indicate whether: P-Preparatory, I-Initial, or F-Follow-up and include satisfactory work completed or deficiencies with action to be taken.)

N/A

3. TESTS REQUIRED BY PLANS AND/OR SPECIFICATIONS PERFORMED AND RESULTS OF TESTS:

None required

4. VERBAL INSTRUCTIONS RECEIVED: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with action to be taken.)

None received

5. REMARKS: (Cover any conflicts in plans, specifications or instructions: acceptability of incoming materials; offsite surveillance activities; progress of work, delays, causes and extent thereof; days of no work with reasons for same.)

None received.

6. SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective actions taken.)

All work performed according to SSHSP.

_____

INSPECTOR

CONTRACTOR'S CERTIFICATION: I certify that the above report is complete and correct and that all material and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above.

_____

CONTRACTOR'S APPROVED AUTHORIZED REPRESENTATIVE

CONTRACTOR'S QUALITY CONTROL REPORT (QCR) (ER 1180-1-6)

DATE: 5/28/09 **REPORT NO.**

CONTRACT NUMBER AND NAME OF CONTRACTOR W91237-07-C0007 McTech

DESCRIPTION AND LOCATION OF THE WORK: PRRWP Residual Risk

WEATHER CLASSIFICATION:

CLASS A No interruptions of any kind from weather conditions occurring on this or previous shifts.
CLASS B Weather occurred during this shift that caused a complete stoppage of all work.
CLASS C Weather occurred during this shift that caused a partial stoppage of work.
CLASS D Weather overhead excellent or suitable during shift. Work completely stopped due to results of previous adverse weather.
CLASS E Weather overhead excellent or suitable during shift but work partially stopped due to previous adverse manner.
OTHER Explain. **CLASSIFICATION:**

CLASS A

TEMPERATURE:

MAX 81 **MIN** 68

PRECIPITATION:

INCHES 4

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY: (Attach list of items of equipment either idle or working as appropriate.)

a. McTech - Dan Cashbaugh - Site Coordinator / Operator
James Russel - laborer
b. Streamport ES - Helen Owens - QC
c. USACE - Lisa Humphrey - gov't oversight
d.
e.
f. McTech - 1 Link belt (xtra) excavator, 1 poly water tank, pump, pickup truck, generator
g.

1. WORK PERFORMED TODAY: (Indicate location and description of work performed. Refer to work performed by prime and /or subcontractors by letter in Table above.)

- Collected samples from locations 421-432
- Prepared / shipped sample coolers to GPL.

2. TYPE AND RESULTS OF INSPECTION: (Indicate whether: P-Preparatory, I-Initial, or F-Follow-up and include satisfactory work completed or deficiencies with action to be taken.)

N/A

3. TESTS REQUIRED BY PLANS AND/OR SPECIFICATIONS PERFORMED AND RESULTS OF TESTS:

None required.

4. VERBAL INSTRUCTIONS RECEIVED: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with action to be taken.)

None received

5. REMARKS: (Cover any conflicts in plans, specifications or instructions: acceptability of incoming materials; offsite surveillance activities; progress of work, delays, causes and extent thereof; days of no work with reasons for same.)

None received

6. SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective actions taken.)

All work performed according to SSHSP

INSPECTOR

CONTRACTOR'S CERTIFICATION: I certify that the above report is complete and correct and that all material and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above.

Kelly Owens

CONTRACTOR'S APPROVED AUTHORIZED REPRESENTATIVE

Daily Safety Meeting

Project: PRRWP - Residual Risk Date: 6/1/09

Discussion of work conditions and task expected to be completed today:

- Weather safety
- Working on uneven surfaces and vegetation debris
- " around heavy equipment

Topics to be discussed: (list below) **Task related to Safety Topic: (list below)**

- Slips, trips, falls
- Hydration

Comments from Project Manager or SSHO concerning the meeting:

None received

Notes concerning any safety related incidents that occurred:

None noted

Safety Meeting attendance:

I have attended the daily safety meeting. I have been briefed on today's job tasks and fully understand the safety issues associated with each task.

Name (printed)	Signature	Date
Helen Owens	Helen Owens	6/1/09
Don Oswald	[illegible]	6/1/09
James B. Russell	[illegible]	6-1-09

CONTRACTOR'S QUALITY CONTROL REPORT (QCR) (ER 1180-1-6)

DATE: 6/1/09 **REPORT NO.**

CONTRACT NUMBER AND NAME OF CONTRACTOR W91237-07-C-0007 McTech

DESCRIPTION AND LOCATION OF THE WORK: PRRWP Residual Risk

WEATHER CLASSIFICATION:

CLASS A No interruptions of any kind from weather conditions occurring on this or previous shifts.
CLASS B Weather occurred during this shift that caused a complete stoppage of all work.
CLASS C Weather occurred during this shift that caused a partial stoppage of work.
CLASS D Weather overhead excellent or suitable during shift. Work completely stopped due to results of previous adverse weather.
CLASS E Weather overhead excellent or suitable during shift but work partially stopped due to previous adverse manner.
OTHER Explain. **CLASSIFICATION:**

CLASS B

TEMPERATURE:

MAX 75 **MIN** 58

PRECIPITATION:

INCHES ~1

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY: (Attach list of items of equipment either idle or working as appropriate.)

a. McTech - Dan Cashbaugh - Site Coordinator/ Operator
James Russell - laborer

b.

c.

d.

e.

f.

g.

1. WORK PERFORMED TODAY: (Indicate location and description of work performed. Refer to work performed by prime and /or subcontractors by letter in Table above.)

- Water management / disposal

2. TYPE AND RESULTS OF INSPECTION: (Indicate whether: P-Preparatory, I-Initial, or F-Follow-up and include satisfactory work completed or deficiencies with action to be taken.)

N/A

3. TESTS REQUIRED BY PLANS AND/OR SPECIFICATIONS PERFORMED AND RESULTS OF TESTS:

None required

4. VERBAL INSTRUCTIONS RECEIVED: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with action to be taken.)

None received

5. REMARKS: (Cover any conflicts in plans, specifications or instructions: acceptability of incoming materials; offsite surveillance activities; progress of work, delays, causes and extent thereof; days of no work with reasons for same.)

None received

6. SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective actions taken.)

Work performed according to SSHSP

INSPECTOR

CONTRACTOR'S CERTIFICATION: I certify that the above report is complete and correct and that all material and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above.

Haley Owens

CONTRACTOR'S APPROVED AUTHORIZED REPRESENTATIVE

CONTRACTOR'S QUALITY CONTROL REPORT (QCR) (ER 1180-1-6)

DATE: 6/2/09 **REPORT NO.**

CONTRACT NUMBER AND NAME OF CONTRACTOR W91237-07-C0007 McTech

DESCRIPTION AND LOCATION OF THE WORK: PRRWP Residual Risk

WEATHER CLASSIFICATION:

CLASS A No interruptions of any kind from weather conditions occurring on this or previous shifts.
CLASS B Weather occurred during this shift that caused a complete stoppage of all work.
CLASS C Weather occurred during this shift that caused a partial stoppage of work.
CLASS D Weather overhead excellent or suitable during shift. Work completely stopped due to results of previous adverse weather.
CLASS E Weather overhead excellent or suitable during shift but work partially stopped due to previous adverse manner.
OTHER Explain. **CLASSIFICATION:**

CLASS A

TEMPERATURE:

MAX 74 **MIN** 58

PRECIPITATION:

INCHES 0

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY: (Attach list of items of equipment either idle or working as appropriate.)

a. McTech- Dan Cashbaugh - Site Coordinator/ Operator
James Russell - laborer
b. Streamborn ES - Hilla Owens - QCO
c.
d.
e.
f. McTech - 1 UX 160 linkbelt excavator, 1 poly water tank, pump, pick up truck
g.

1. WORK PERFORMED TODAY: (Indicate location and description of work performed. Refer to work performed by prime and /or subcontractors by letter in Table above.)

- Collected samples from locations 433-463
- flagged sample locations on original diameters (≈60'+90')
- Packaged/iced samples.

2. TYPE AND RESULTS OF INSPECTION: (Indicate whether: P-Preparatory, I-Initial, or F-Follow-up and include satisfactory work completed or deficiencies with action to be taken.)

N/A

3. TESTS REQUIRED BY PLANS AND/OR SPECIFICATIONS PERFORMED AND RESULTS OF TESTS:

No tests required.

4. VERBAL INSTRUCTIONS RECEIVED: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with action to be taken.)

None received.

5. REMARKS: (Cover any conflicts in plans, specifications or instructions: acceptability of incoming materials; offsite surveillance activities; progress of work, delays, causes and extent thereof; days of no work with reasons for same.)

None received

6. SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective actions taken.)

all work performed according to SSHSP

INSPECTOR

CONTRACTOR'S CERTIFICATION: I certify that the above report is complete and correct and that all material and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above.

CONTRACTOR'S APPROVED AUTHORIZED REPRESENTATIVE

CONTRACTOR'S QUALITY CONTROL REPORT (QCR) (ER 1180-1-6)

DATE: 6/3/09 **REPORT NO.**

CONTRACT NUMBER AND NAME OF CONTRACTOR W91237-07-C0007 McTech

DESCRIPTION AND LOCATION OF THE WORK: PRRWP Residual Risk

WEATHER CLASSIFICATION:

CLASS A No interruptions of any kind from weather conditions occurring on this or previous shifts.
CLASS B Weather occurred during this shift that caused a complete stoppage of all work.
CLASS C Weather occurred during this shift that caused a partial stoppage of work.
CLASS D Weather overhead excellent or suitable during shift. Work completely stopped due to results of previous adverse weather.
CLASS E Weather overhead excellent or suitable during shift but work partially stopped due to previous adverse manner.
OTHER Explain. **CLASSIFICATION:**

CLASS A

TEMPERATURE:

MAX 68 **MIN** 52

PRECIPITATION:

INCHES 1 1/2

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY: (Attach list of items of equipment either idle or working as appropriate.)

a. McTech. Dan Cashbaugh. Site Coordinator / Operator
James Russell - Laborer
b. Streamborn ES - Helen Owens - QCO
c.
d.
e.
f. McTech - 1 Link belt LX 160 excavator, 1 poly water tank, 1 pump, 1 pick up truck, 1 generator
g.

1. WORK PERFORMED TODAY: (Indicate location and description of work performed. Refer to work performed by prime and /or subcontractors by letter in Table above.)

- Completed sample collection in former stockpile/excavation area.
  - Sample #s - 367, 383, 312, 296, 353, 337, 286
- Samples packaged for shipping via FedEx, Thursday delivery

2. TYPE AND RESULTS OF INSPECTION: (Indicate whether: P-Preparatory, I-Initial, or F-Follow-up and include satisfactory work completed or deficiencies with action to be taken.)

~~N/A~~ Sampling completed satisfactorily.

3. TESTS REQUIRED BY PLANS AND/OR SPECIFICATIONS PERFORMED AND RESULTS OF TESTS:

None required

4. VERBAL INSTRUCTIONS RECEIVED: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with action to be taken.)

None received

5. REMARKS: (Cover any conflicts in plans, specifications or instructions: acceptability of incoming materials; offsite surveillance activities; progress of work, delays, causes and extent thereof; days of no work with reasons for same.)

None received.

6. SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective actions taken.)

Work performed according to SSHSP

INSPECTOR

CONTRACTOR'S CERTIFICATION: I certify that the above report is complete and correct and that all material and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above.

CONTRACTOR'S APPROVED AUTHORIZED REPRESENTATIVE

CONTRACTOR'S QUALITY CONTROL REPORT (QCR) (ER 1180-1-6)

DATE: 6/4/09 **REPORT NO.**

CONTRACT NUMBER AND NAME OF CONTRACTOR W91237-07-C0007 McTech

DESCRIPTION AND LOCATION OF THE WORK: PRRWP Residual Risk

WEATHER CLASSIFICATION:

CLASS A No interruptions of any kind from weather conditions occurring on this or previous shifts.
CLASS B Weather occurred during this shift that caused a complete stoppage of all work.
CLASS C Weather occurred during this shift that caused a partial stoppage of work.
CLASS D Weather overhead excellent or suitable during shift. Work completely stopped due to results of previous adverse weather.
CLASS E Weather overhead excellent or suitable during shift but work partially stopped due to previous adverse manner.
OTHER Explain. **CLASSIFICATION:**

CLASS A

TEMPERATURE:

MAX 72 **MIN** 46

PRECIPITATION:

INCHES 0

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY: (Attach list of items of equipment either idle or working as appropriate.)

a. McTech- Dan Cashbaugh Site Coordinator/ Operator
James Russell - laborer
b. Streamborn ES - Helen Owens - QCO
c.
d.
e.
f. McTech Equipment - 1 Kirkbelt LX 160 excavator, 1 poly water tank, 1 pump, 1 pick up truck, 1 generator
g.

1. WORK PERFORMED TODAY: (Indicate location and description of work performed. Refer to work performed by prime and /or subcontractors by letter in Table above.)

- General site clean-up in preparation for departure
- Decon - excavator

2. TYPE AND RESULTS OF INSPECTION: (Indicate whether: P-Preparatory, I-Initial, or F-Follow-up and include satisfactory work completed or deficiencies with action to be taken.)

Satisfactory

3. TESTS REQUIRED BY PLANS AND/OR SPECIFICATIONS PERFORMED AND RESULTS OF TESTS:

None required

4. VERBAL INSTRUCTIONS RECEIVED: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with action to be taken.)

None received

5. REMARKS: (Cover any conflicts in plans, specifications or instructions: acceptability of incoming materials; offsite surveillance activities; progress of work, delays, causes and extent thereof; days of no work with reasons for same.)

None received

6. SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective actions taken.)

Work performed according to SSHSP

INSPECTOR

CONTRACTOR'S CERTIFICATION: I certify that the above report is complete and correct and that all material and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above.

CONTRACTOR'S APPROVED AUTHORIZED REPRESENTATIVE

APPENDIX E

PHOTO LOG

Start here

Surveying began with staking
the original perimeter

Each perimeter was marked with a different color paint on the stake

The 30' perimeter was staked with green, 60' perimeter was blue, and the 90' perimeter was red

Surveying the 90' perimeter

Stakes were marked with survey design point and the corresponding sample number

An excavator was used to dig the test pits

A 12-inch bucket was used to scrape the walls of the excavation.
The sample was collected from the soil in the bucket.

Each test pit was excavated to 10 feet

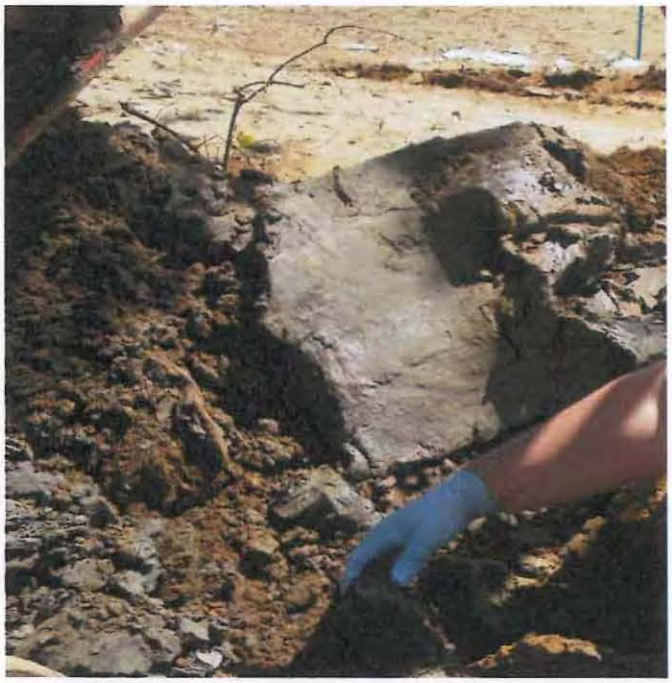
Verifying the dept of the test pit

The test pit was excavated to 10 feet

Inside of a test pit, notice the dark soil at approximately 5' deep.

T

Sometimes water was encountered after reaching 10' depth



Samples were collected from the bucket of the excavator

Samples were recovered, labeled and packed for shipping at the site of the excavation

Samples were maintained in a cooler with ice

Backfilled test pits

Finishing backfill on
a test pit

APPENDIX F

QUALITY CONTROL DOCUMENTATION

Residual Risk Evaluation Perimeter Sampling Summary
Pentolite Road Red Water Ponds Plum Brook Ordnance Works
Sandusky, Ohio

Contract No. W91237-07-C-0007

This document is provided to certify that the Independent Quality Control team (IQCT) has reviewed the Residual Risk Evaluation Perimeter Sampling Summary Report in accordance with the Quality Control Plan. All comments resulting from the various reviews have been resolved and/or incorporated.

Assignment	Name	Signature	Date
Senior Review			
	Rodney Bumgardner		11/20/09
Peer Review			
	Donna Patterson	Donna Patterson	11/20/09

From: "Humphreys, Lisa A LRH" <Lisa.A.Humphreys@usace.army.mil>
Date: November 20, 2009 11:17:13 AM EST
To: "Kim Chambers" <kchambers@mctechreadymix.com>

Subject: PRRWP RR report cmts

Here you go …it was very well written, just wanted a few sentences reworded for clarification …thanks!

1. 1st page, last paragraph, 1st sentence: "a small portion of was able …excavation" …take out "of".

McTech Corp concurred and removed of from 1st page, last paragraph, 1st sentence "a small portion was able… excavation.

2. 2nd page, section Survey - reword 1st sentence as "Using information from the 2003 and 2007 activites, the **horizontal excavation limits** were surveyed and staked.

McTech Corp concurred and reworded 1st sentence as "Using information from the 2003 and 2007 activities, the **horizontal excavation limits** were surveyed and staked.

3. 2nd page, section Survey - 3rd sentence - investigations is spelled incorrectly.

McTech Corp concurred and correctly spelled investigations correctly.

4. 2nd page, section Survey - 4th sentence - change "could perform" to just "surveyor performed" since this is all past tense.

McTech Corp concurred and changed "could perform" to just "surveyor performed" to show past tense.

5. 2nd page, section Test Pit Locations, 2nd sentence - reword as follows "From the original excavation, 3 irregular-shaped circles, **designed to match shape of original exacation limits** were located ….original excavation."

McTech Corp concurred and reworded the following as "From the original excavation, 3 irregular-shaped circles, **designed to match shape of original excavation limits** were located ….original excavation."

6. 3rd page, section Test Pit Excavation and Sampling Scheme, 2nd sentence - "to the presence groundwater" doesn't make any sense. Please reword appropriately.

McTech Corp concurred to USACE comment and reworded appropriately, the end of this sentence was omitted "or to the presence groundwater".

7. 3rd page, section Test Pit Excavation and Sampling Scheme paragraph - please include wording that states the actual sample was taken from the outer pit wall and was a composit sample of the soil in the excavator bucket. Didn't want people thinking we were actually in the pit itself taking the sample.

McTech Corp concurred as follows; a composite sample was taken from the outer pit wall using the excavator bucket. Entry into the test pit by on site personnel was not allowed.

8. 3rd page, section Test Pit Excavation and Sampling Scheme, next to last and last sentences - reword as follows**: "The results of the sample will be discussed in a follow-on report by Shaw Environmental when the delineation investigation is completed in PRRWP. Shaw's delineation investigation is scheduled to begin in mid-July 2009."**

McTech Corp concurred to 3rd page, section Test Pit Excavation and Sampling Scheme, next to last and last sentences reworded as per USACE suggestion.

9. 4th page, 1st sentence - Change "the walls" to "the outer walls".

McTech Corp concurred and changed "the walls to "the outer walls".

10. 4th page, 2nd paragraph - Please mention that GPL was NELAP and QSM certified.

McTech Corp concurred to USACE request to mention that GPL was NELAP and QSP certified.

11. 4th page, section Follow On Activities, 1st sentence - Reword as follows "The analytical results …will be evaulated by Shaw Environmental for use in the follow-on round of deliniation sampling and, as necessary …..will be re-evaluated."

McTech Corp concurred to USACE rewording as listed above in comment No. 11.

12. 4th page, section Follow On-Activities, last sentence - Reword as follows "The findings from the delineation ….will be incorporated into a PRRWP Feasibility Study Addendum and then ultimately reflected in the PRRWP Proposed Plan and Decision Documents should there be additional remedial action required."

McTech Corp concurred to USACE rewording suggestion, as follows "The findings from the delineation ….will be incorporated into a PRRWP Feasibility Study Addendum and then ultimately reflected in the PRRWP Proposed Plan and Decision Documents should there be additional remedial action required."