

FINAL

Community Relations Plan

2013 Update

Plum Brook Ordnance Works
Sandusky, Ohio

USACE Project No.: G05OH001810
Contract Number: W91237-13-C-0002

Prepared for:



US Army Corps of Engineers

Department of the Army
Huntington District, Corps of Engineers
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1.0 PBOW FACILITY HISTORY AND BACKGROUND

The former Plum Brook Ordnance Works (PBOW) was established by the War Department as a government-owned, contractor-operated (GOCO) facility for the production of 2,4,6-trinitrotoluene (TNT), 2,4-dinitrotoluene (DNT), and pentolite during World War II. The PBOW site originally consisted of approximately 9,100 acres, approximately 3,500 acres of which was used as a buffer area outside the facility fence line. The property was acquired in the name of the United States of America in 1941. The government contractor, Trojan Powder Company, operated the production facility from December 1941 until 1945. It is estimated that during this period more than 1 billion pounds of nitroaromatic explosives were manufactured.

At the end of production in September 1945, PBOW was placed in standby operation status and the Army conducted decontamination and decommissioning activities. On December 17, 1945 the U.S. Army Ordnance Department (Ordnance Department) obtained physical control of the site. The Ordnance Department continued decontamination efforts until August 1946. In 1946 over 6,200 acres, 3,231 being located within the fenced area, were transferred to the War Assets Administration (WAA), and approximately 2,800 acres were transferred to the Ravenna Arsenal. This 2,800-acre parcel, transferred to Ravenna Arsenal and referred to as the Magazine Area (and also the Plum Brook Depot), was transferred again in July 1947 to the Erie Ordnance Depot, LeCarne, Ohio. The Magazine Area included approximately 2,300 acres inside the fence line and 500 acres of the buffer area, outside of the fence line.

In 1949, the General Services Administration (GSA) took control of WAA's portion of the PBOW property, which included an indeterminate amount of acreage outside of the fence line due to conveyances by WAA to private landowners during the late 1940s and early 1950s. It is believed that farmers were given the opportunity to buy back land in the buffer area, outside the fence line.

In June 1954, the Army reacquired the 3,231 acres within the PBOW fence line that was previously transferred to the WAA and subsequently to GSA. From August 1954 to sometime in 1958, further decontamination was performed by the Army. The decontamination included removal of and disposal of contaminated surface and subsurface soil around the buildings and wooden and ceramic waste disposal lines containing TNT. This included thousands of pounds of TNT which were discovered in catch basins that were removed and incinerated at the burning grounds.

Two property use agreements were entered into by the Army and the National Advisory Committee of Aeronautics (NACA), the predecessor of the National Aeronautics and Space Administration (NASA), in March 1956 and January 1958, respectively. The first agreement was for approximately 500 acres on which NACA built a nuclear reactor. The second agreement gave NACA (NASA as of October 1958) use of an additional 2,700 acres within the fenced area but outside the Magazine Area, for a total of 3,231 acres under the two use agreements. At this time, NASA had use of all property inside the PBOW fence except the 2,300 acres in the Magazine Area. The Army declared this 3,231-acre property as excess in October 1958.

In September 1961, the Army declared the Magazine Area as excess, and NASA formally requested custody of the property in October 1961. On March 15, 1963, accountability and custody of the PBOW property (6,031 acres) were transferred from the Department of the Army to NASA.

However, prior to NASA's acceptance of the property in March 1963, Ravenna Arsenal performed additional decontamination and subsequently certified 500 acres of the former

PBOW property was decontaminated and suitable for unrestricted future use. This decontamination certification was only for the 500 acres in the former pentolite manufacturing area (area where NASA built the nuclear reactor) under the first use agreement. NASA identified additional DOD-related contamination in 1963, after transfer of the property. NASA performed further decontamination efforts and the removal of structures in 1964.

NASA has operated and maintained the property inside the fence line since 1963, and the facility currently located there is the NASA Glenn Research Center, Plum Brook Station. NASA operates the property as a space research facility in support of its John Glenn Research Center at Lewis Field, Cleveland, Ohio. Most of the aerospace testing facilities built in the 1960s at the site have been demolished, or are currently on standby or inactive status. During 1967 through 1971, NASA purchased approximately 2,000 acres outside of the fence line from local farmers as “buffer.” On April 18, 1978, NASA declared approximately 2,152 acres of PBOW as excess. This excess included approximately 1,500 acres of farmland outside the fence, including those acres purchased from farmers beginning in 1967, and was sold as farmland. Also, 46 acres outside of the fence in the northeast corner of the PBOW facility near the guard house was conveyed to The Perkins Township Board of Education and is used as a bus transportation area. In addition, the 2,152 acres of PBOW declared excess included a 604-acre parcel in the western part of the fenced area known as “Parcel 59.” This area, although previously declared excess, was not transferred and remains under NASA control. According to a NASA newsletter, NASA presently controls approximately 6,432 acres; this includes approximately 5,500 acres within the fence line and 900 acres outside of the fence which have been leased for agriculture.

The former PBOW Formerly Used Defense Sites (FUDS) property includes the entire 9,100 acres, but the only project areas that have been approved (or proposed) for the property are located within the fenced area (currently controlled by NASA). The fence generally runs along the patrol road. The area outside the fence was used as a buffer zone during the PBOW manufacturing period, and there is no known or suspected DOD-related contamination outside the fence line.

1.1 AREAS OF CONCERN (AOCs)

Investigations of the areas of concern (AOCs) were conducted to determine the need for further investigations or restoration activities (ICI, 1995). The AOCs are listed below with their current phase completion.

Project 1803 – RI/FS Low Scope

- Remedial Investigation/Feasibility Study (RI/FS) – Completed 30 September 1998
- Project Closeout (PCO) – Completed 30 September 2004

Project 1806 – ASR Complete NOFA OEW MMRP

- PCO – Completed 26 October 2009

Project 1809 – Site Management

- Site Investigation (SI) – Completed 30 September 2009
- PCO – Completed 30 September 2009

Project 1810 – Community Relations and Restoration Advisory Board

- No phase associated – On-going

Project 1811 – Additional BGs

- PCO – Completed 19 September 2009

Project 1812 - Reservoir No. 2 Burning Ground

- RI/FS – On-going
- Engineering Evaluation/Cost Analysis (EE/CA) – Left report in the draft-final stage (March 2007) per HQ determination of no immediate risk issue. Picked back up in the RI/FS process to complete remediation under RD and RA-C phases.
- Removal Design (RmD) – Completed 11 May 2007

Project 1813 - TNT Area A (Soils)

- RI/FS – Completed 29 June 2011
- RD – On-going (Kept open to allow for Phase 1 (exc only) and Phase 2 (exc and remediation) efforts)
- RA-C – Phase I completed 31 March 2013. Phase 2 on-going.

Project 1814 - TNT Area B (Soils)

- RI/FS – Completed 23 September 2009
- RmD – Completed 16 June 2006
- Removal Action-Construction (RmA-C) – Completed 5 June 2007
- PCO – Completed 31 March 2010

Project 1815 - TNT Area C (Soils)

- RI/FS – Completed 15 January 2010
- RD – Completed 22 January 2010
- RA-C – Completed 31 March 2013
- PCO – on-going

Project 1816 – TNT Loading Area

- LSI – Completed 31 July 2000
- PCO – Completed 30 September 2002

Project 1817 - Waste Water Treatment Plants 1 and 3 with Wooden Sewer Lines

- LSI – Completed 30 September 2000
- RI/FS – On-going – WWTPs 1 and 3 as well as the sewer lines A and B from WWTP 1 have been broken out for scheduling purposes. A contract was awarded in June 2008 to conduct an RI to delineate the traces of these sewer lines and to investigate potential nitroaromatic contamination which may have affected soil and groundwater along these traces. A contract was awarded in December 2011 to complete RI through DD for the WWTP#1 to TNT A sewer line and to the TNT B sewer line

Project 1818 - Waste Water Treatment Plant #2 with Sewer Lines

- RI/FS – On-going

Project 1819 – Pentolite Waste Area Lagoons (PAWL)

- LSI – Completed 30 September 2000
- PCO – Completed 30 September 2002

Project 1820 - Red Water Ponds Area (Soils for PRRWP only)

- RI/FS – On-going
- RmD – Completed 5 June 2007
- RmA-C – Completed 30 March 2009, however, residual risk issues remain and further remediation will be conducted under the RA-C phase.

Project 1821 - Ash Pits 1 and 3

- LSI – Completed 30 September 2000
- RI/FS – On-going (Ash Pits 1 & 3 have separate schedules/reports for site characterization and risk assessment efforts, however, findings from each area will be addressed / evaluated under one Feasibility Study)

Project 1822 - Powerhouse 2 Ash Pits

- RI/FS – On-going

Project 1823 - Acid Areas 1, 2 & 3

- LSI – Completed 30 September 1999
- RI/FS – On-going (Acid Areas 1, 2 & 3 have separate schedules, therefore an INPR revision (schedule shown under Res 2 BG project 1812) was submitted, completed and approved. Once approved, new project numbers were assigned to Acid Areas 2 (project 1828) & 3 (project 1829), leaving Acid Area 1 as project 1823. The monthly fact sheet was revised to reflect these changes.

Project 1824 – Lower Toluene Tanks (LTT)

- LSI – Completed 26 June 2006
- PCO – Completed 5 October 2006

Project 1825 - Garage Maintenance (Locomotive Bldg, Wash House, Sellite and Unloading Areas)

- LSI – Completed 30 September 2000
- RI/FS – On-going – Work had already progressed on Locomotive Building and Rail Car Wash area thru Risk Assessment completion (finals submitted June 2011). However, two additional areas were identified (Sellite and Unloading Areas) and added to the overall RI/FS. Therefore, these two additional areas would be completed thru RA and join the original effort in the FS stage.

Project 1826 - Groundwater - TNT A, B and C & Red Water Ponds Areas

- SI – Completed 30 September 1999
- Remedial Action-Operations (RA-O) – Completed 30 September 2005 (This covered the well maintenance/monitoring portion of the project and LRD told us to include that under the current phase from then on.)
- RI/FS – On-going

2.0 OVERVIEW OF THE COMMUNITY RELATIONS PLAN

The Community Relations Plan (CRP) outlines procedures to involve the community with the site restoration process at Plum Brook Ordnance Works (PBOW) located in Sandusky, Ohio. Effective communication and information exchange between members of the community, regulatory agencies, and Restoration Advisory Board (RAB) representatives is essential in maintaining the support of the site restoration activities.

The CRP describes the involvement of citizens from the communities and representatives from federal, state, and local agencies that are active in policy and decision-making processes. The agencies involved include:

- The U.S. Army Corps of Engineers (USACE) which is the lead agency for the environmental restoration at the PBOW site.
- The Ohio Environmental Protection Agency (OEPA) which is responsible for overseeing the PBOW remedial activities and to monitor compliance with all applicable federal and state regulations.
- NASA which currently occupies the property and is the host agency.

The RAB includes members of the community who interact with other community members who are interested in the restoration project, and to bring the community concerns to USACE.

3.0 COMMUNITY BACKGROUND

3.1 COMMUNITY PROFILE

Plum Brook Ordnance Works is located in Erie County, Ohio, approximately four miles south of the county seat of Sandusky. In 2008, the U.S. Census Bureau reported an estimated population of 77,062 in Erie County. The site is located within the boundaries of three townships: Perkins, Milan, and Oxford Townships. A three-member Board of Trustees governs each township.

Because of the county's location, the community provides multiple economic opportunities. Industries in the community range from manufacturing to tourism. Erie County's diverse industrial base includes production operations, construction, quarry operations, nursery and landscape services. This region of Ohio is prime agriculture land for vegetable and fruit crops.

In addition to a manufacturing base, significant tourist trade supports the Erie County economy. Area marinas, fishing and boating, Cedar Point Amusement Park and Kalahari Resort attract a great number of tourists year round. In the fall, sportsmen travel to the area for upland game and waterfowl hunting. The winter season provides an opportune time for winter sports including ice fishing and snowmobiling.

3.2 CHRONOLOGY OF COMMUNITY INVOLVEMENT

Historically, numerous investigations and studies have been conducted at PBOW. The documents generated from the investigations and other archived information are maintained electronically (DVD or portable hard drive) in the PBOW Public Repository in the Bowling Green State University (BGSU) Firelands Library and on the USACE Huntington District website.

Community involvement began in February of 1996 with the publication of newspaper articles in the Sandusky Register. As required under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), and with the heightened community awareness of the site's history and potential for contamination, the process to form a RAB was initiated. A Public Meeting was conducted at the Perkins Township offices between concerned citizens and representatives of the USACE Huntington District. To meet the requirements of CERCLA, the USACE initiated the solicitation for RAB members in June 1996. The first meeting of the RAB was conducted in January 1997. Since inception, the RAB has been the basis for community involvement and continues to provide a means of communication between the community and the USACE. The PBOW RAB has 11 members and approximately half of the members consistently participate in the RAB meetings and site visits.

3.3 KEY COMMUNITY CONCERNS

Poster Sessions and other public awareness activities provide an opportunity for community members to voice their concerns. The community members and interested citizens indicate that their primary concerns are the effects of historic activities on the surface water, groundwater, plant life, wildlife, and the human population. Other concerns include the remediation schedule (i.e., how long will it take), and if the contamination has migrated off site and contaminated properties adjacent to PBOW.

Over the past several years, there have been numerous opportunities to interact with the community at the Erie County Fair (August) and Huron County Fair (August) and Harvest

Happenings Festival (October). Year after year, community members visit the display booth to inquire about the progress of the project. Although, the concerns about contamination still exist, the tone of comments from community members is one of encouragement to continue restoration of the site. The public is genuinely interested in the use of local contractors and utilizing “green” technologies such as composting.

Members of the RAB provide a link between the USACE and the community by communicating the concerns of the community to the USACE. As an effective partner in the USACE’s cleanup program, the RAB members have an opportunity to review, evaluate, and comment on technical issues related to the PBOW environmental restoration. However, the expertise to do so is not always available within the RAB, therefore, they may seek outside technical assistance.

While the USACE and their contractors can be a primary source of technical assistance to the RAB, the Technical Assistance for Public Participation (TAPP) Program has provided for the procurement of independent technical support for the RAB. The PBOW RAB participated in the TAPP Program from 2005 through July 2009. The TAPP has a funding limit of \$100,000 and the RAB utilized all of the available funding for the TAPP during the 4-year period.

4.0 HIGHLIGHTS OF COMMUNITY RELATIONS PROGRAM

The objective of a community relations program is to provide an effective mechanism for communication and exchange of information among Army agencies; various federal, state, county, and other local agencies; employees and contractors at the PBOW facility; and residents of the communities adjacent to the site.

4.1 REQUIREMENTS

Community relations activities are required under the 1990 National Oil and Hazardous Substance Pollution Contingency Plan and Superfund Amendments and Reauthorization Act of 1986. The program requires the use of numerous means of communication to transfer information on the progress of the remediation activities at the PBOW. The program also requires the maintenance of records for public review, which provides documentation as to how and why decisions specific to the remediation of the site are made.

The Administrative Record (AR) contains all documents prepared from data collection activities and investigations that form the basis for the decisions affecting the remediation process. The Public Repository (PubR) contains documents that are available to the public. The PubR is a mirror image of the AR and is updated as new documents become available, as is the AR. The PubR is available for public review at BGSU Firelands Library in Huron, Ohio. The AR is maintained in the USACE Huntington District Office.

4.2 COMMUNICATION TECHNIQUES

4.2.1 Restoration Advisory Board

The Restoration Advisory Board consists of approximately 11 members from the local community. The RAB is co-chaired by one representative of the community (RAB Community Co-Chair) and one representative from the USACE Huntington District (Federal Co-Chair). The purpose of the RAB is to involve the local community in the investigation and remediation process at the site. The RAB provides a mechanism for information transfer between the concerned public, regulatory agencies, and USACE.

RAB Meetings are usually conducted quarterly, unless a greater frequency is required to discuss specific findings such as laboratory results, changes to the remediation strategy, etc. The RAB meetings are open to the public and are usually conducted at BGSU Firelands Library (Appendix B). Meeting announcements are published in the Sandusky Register approximately two weeks prior to the meetings. Inquiries regarding participation on the RAB should be directed to USACE Project Manager (Appendix C).

4.2.2 Quarterly Fact Sheets and Policy Letters

The USACE Huntington District publishes Quarterly Fact Sheets (QFS), which report on the progress and status of site investigations and remediation activities. The QFS highlights:

- Project deliverables
- Project status
- Remediation updates

- Documents published during the quarter
- Documents released to the public.

The QFSs are distributed to RAB members and other concerned citizens as requested, and also posted on the PBOW website. The website address is [http://www.lrh.usace.army.mil/Missions/CurrentProjects/DERPFUDS\(WVOW,PBOW,WVMA\).aspx](http://www.lrh.usace.army.mil/Missions/CurrentProjects/DERPFUDS(WVOW,PBOW,WVMA).aspx).

4.2.3 Bulletin Boards and Poster Sessions

The USACE Huntington District provides fact sheets, news releases, meeting notices, project accomplishments, and other related information to the RAB, if requested, for posting on bulletin boards within the community. The USACE Huntington District may also provide project-specific exhibits for community functions. During public outreach activities such as the fairs and festivals, USACE representatives direct individuals to sources of information on the site activities via the website or through the AR, or the RAB Co-Chairperson.

The general public is encouraged to attend the RAB meetings, all of which are open to the public. At least one of the RAB meetings during the year includes a site visit to PBOW and provides an opportunity for RAB members and interested community members to observe the remediation activities.

In 2013, the USACE expanded the Poster Session activity to include participation with a local historian, and RAB member during his presentations to the local communities on the History of Plum Brook Ordnance Works. The presentations were held at multiple venues such as Erie MetroParks, local libraries, etc. The gentleman assembled his account of the site history beginning with the government acquisition of the land to the closing of the ordnance manufacturing plants. During a session at the Erie Metroparks, USACE set up the PBOW display and USACE representatives were available to interact with community members to discuss the environmental restoration projects that USACE is implementing at PBOW.

4.2.4 Direct Communication

USACE Huntington District will contact the RAB members with information regarding study findings. The USACE and RAB will coordinate the manner in which information is provided to the public.

4.2.5 News Releases

News Releases regarding environmental studies, actions and other activities at PBOW may be released by USACE through the Public Information Office, to the local media. The media list is provided in Appendix D.

4.2.6 Newsletter

The USACE Huntington District prepares an Annual Formerly Used Defense Site (FUDS) Newsletter, which includes updates on the activities that have taken place at PBOW (and other FUDS Projects in the Huntington District) in the past year. The newsletter includes charts, graphs, photos, and other graphic material that supports the information being presented. The newsletter also highlights current projects and activities, and reports on the major success

stories at the site from the past year. The newsletter is distributed at the RAB meetings and Poster Sessions. The newsletter is also posted on the USACE PBOW Website and is available from USACE upon request.

4.2.7 PBOW Studies and Remediation Project Exhibit

The goal of the Community Relations Plan is to describe the programs and processes in place that provide the general public with an awareness of the remediation activities conducted in their communities. Public Meetings, RAB Meetings, and notifications are used to keep the local community and interested citizens informed about site activities. Another mechanism to keep the public informed is to display project information and photographs at highly visible public activities such as county fairs, local festivals, science fairs, and mall displays.

In 2013, USACE Huntington District continued to host Poster Sessions at the Erie County Fair (sponsored by Erie County Agricultural Society). USACE did not participate in the Harvest Happenings Festival which is sponsored by the Erie County Metroparks due to the unavailability of USACE representatives, but attendance is anticipated in 2014. At each Poster Session activity, USACE representatives have the opportunity to introduce the district's mission in the community and discuss the remediation projects with community members. In addition to the face-to-face discussions, interested individuals are invited to sign-up on the mailing list to receive information specific to PBOW RAB activities and project updates.

The Poster Sessions are increasing awareness in the community. Year after year, visitors return to the display booth at the fair or festival for an update on the environmental restoration project. The presence of the USACE/PBOW RAB booth at the fairs and festivals promotes the relationship between USACE and the community.

Annually, the RAB conducts a site visit at the PBOW facility. One site visit was conducted in 2013 in September. The site visitors included local government officials, local farmers, residents, and community members. The group visited the active project area in TNT Areas A, and other areas under investigations. The USACE discussed the activities in each of the areas visited and provided a brief history on the process which had taken place at each location. The site visitors were particularly interested in the history of the specific site, historical waste handling practices, types of contaminants present, how the contamination was being managed, and how long it would take to remediate the site.

4.2.8 USACE Huntington District as PBOW POC

USACE Huntington District Public Affairs Office is the point-of-contact (POC) available to respond to questions regarding environmental actions at PBOW. The POC list for the Community Relations Plan is provided in Appendix C. The current Huntington District Public Affairs Office may be contacted by telephone at (304) 399-5551 and at the mailing address below:

Public Affairs Office
US Army Corps of Engineers
502 Eighth St.
Huntington, WV 25701-2070

4.3 ADMINISTRATIVE RECORD

The Administrative Record (AR) is a compilation of memorandums, work plans, technical reports, etc. that document USACE's project-related decision-making process regarding the selection of the response actions taken at the PBOW site. An AR must be developed and maintained for each National Priority List (NPL) or non-NPL site where a response action is implemented under the authority of the CERCLA.

In 2013, efforts continued to make the AR available to the public by posting the Public Repository (Pub-R) on the USACE Huntington District's FUDS website. Project-related documents are submitted to USACE in hardcopy and electronic format on CD or DVD. The complete Public Repository is accessible via the Huntington district's website. Activities to maintain electronic copies of all project related documents are on-going in the district office. Technical documents as well as other project-related correspondence and reports are added to the database regularly and as delivered by the contractors, and made available to the public via the website or in the PubR at BGSU Firelands Library.

The PBOW AR is available for the public to view in the USACE Huntington District Office, Huntington, West Virginia. The Public Repository is available for the public to view at the BGSU Firelands Library, Huron, Ohio. The locations where the AR and PubR are maintained are provided in Appendix E. The documents may be viewed on the USACE Huntington District's FUDS website at:

[http://www.lrh.usace.army.mil/Missions/CurrentProjects/DERPFUDS\(WVOW,PBOW,WVMA\).aspx](http://www.lrh.usace.army.mil/Missions/CurrentProjects/DERPFUDS(WVOW,PBOW,WVMA).aspx).

5.0 OTHER CONTACTS

A list of community leaders and elected officials is provided in Appendix F.

6.0 REFERENCES

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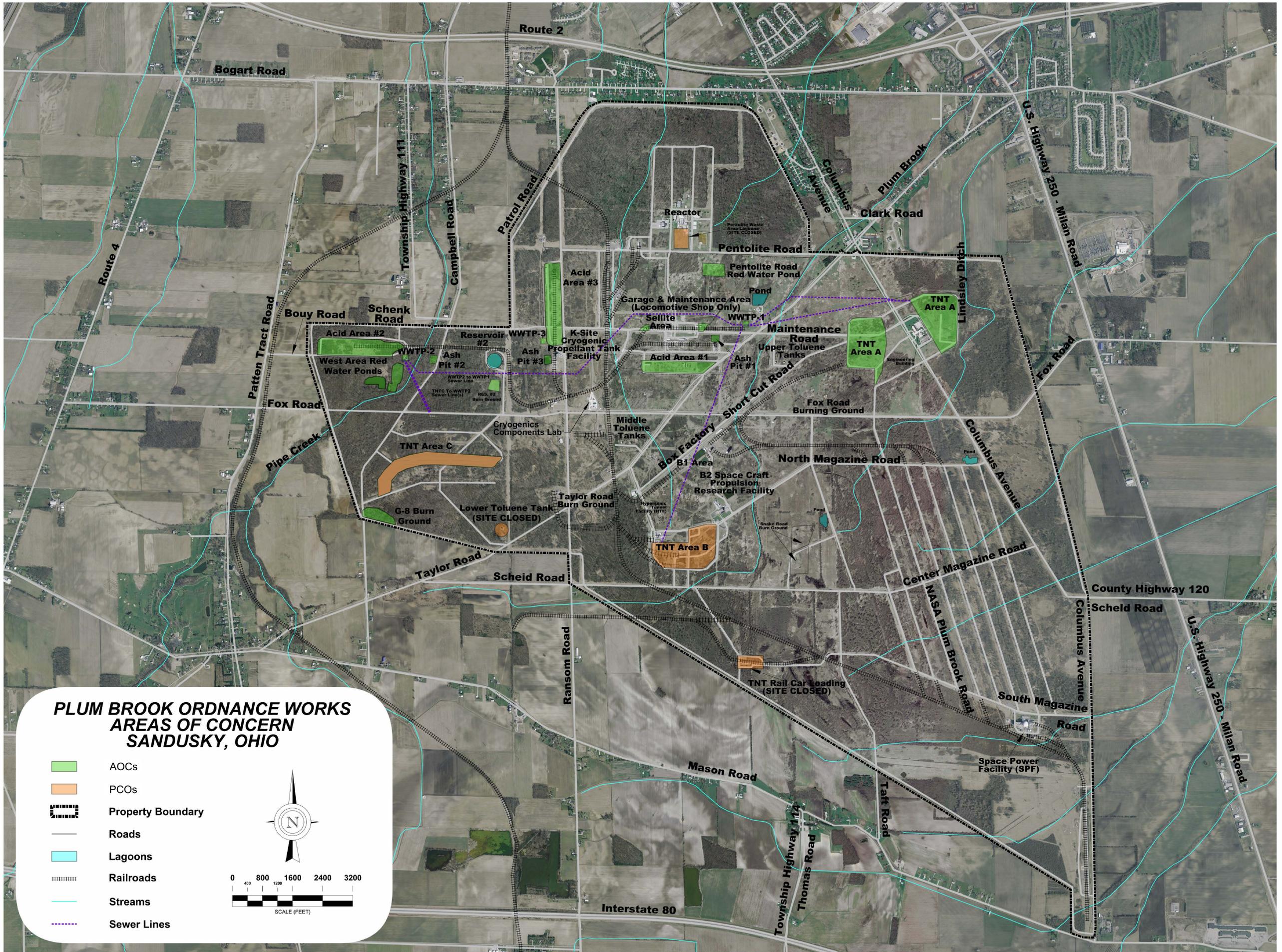
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APPENDIX A

Site Map of the Plum Brook Ordnance Works



Bogart Road

Route 2

Route 4

Township Highway 111

Campbell Road

Patrol Road

Columbus Avenue

Clark Road

Plum Brook

U.S. Highway 250 - Milan Road

Patten Tract Road

Bouy Road

Schenk Road

Reactor

Pentolite Road

Pentolite Road Red Water Pond

Acid Area #2

Reservoir #2

Acid Area #3

Garage & Maintenance Area (Locomotive Shop Only)

Sellite Area

Maintenance Road

TNT Area A

West Area Red Water Ponds

WWTP-2

Ash Pit #2

Reservoir #3

Acid Area #1

Upper Toluene Tanks

WWTP-1

TNT Area A

Fox Road

WWT-2 to WWT-1 Sewer Line

Ash Pit #3

RES. #2 Burn Ground

K-Site Cryogenic Propellant Tank Facility

Acid Area #1

Ash Pit #1

Upper Toluene Tanks

Fox Road Burning Ground

Pipe Creek

TNT Area C

Cryogenics Components Lab

Middle Toluene Tanks

Box Factory

Short Cut Road

North Magazine Road

Lindsley Ditch

G-8 Burn Ground

Lower Toluene Tank (SITE CLOSED)

Taylor Road Burn Ground

Taylor Road

TNT Area B

B1 Area

B2 Space Craft Propulsion Research Facility

Snake Road Burn Ground

Taylor Road

Scheid Road

Ransom Road

TNT Rail Car Loading (SITE CLOSED)

Center Magazine Road

County Highway 120

Scheid Road

U.S. Highway 250 - Milan Road

Mason Road

Taft Road

Space Power Facility (SPF)

Interstate 80

Township Highway 112

Thomas Road

South Magazine Road

NASA Plum Brook Road

Columbus Avenue

APPENDIX B

Location of Public Meetings

LOCATION OF PUBLIC MEETINGS

BGSU Firelands	One University Drive Huron, Ohio 44839 (419) 433-5560	The location of the meeting places on the BGSU Firelands Campus may vary from time to time. The specific meeting room is included in the meeting announcement.
<p><i>Meeting notices are published in the Sandusky Register two weeks prior to the meeting date.</i></p> <p><i>The meetings are scheduled on a quarterly basis unless circumstances such as site investigation findings, results of sample analyses, etc., require more frequent meetings to maintain the information transfer. The meetings are usually scheduled in the evening beginning at 7:00 P.M. and adjourn at approximately 9:00 P.M.</i></p>		

APPENDIX C

Program Points of Contact

PROGRAM POINTS OF CONTACT (POC)

<i>US Army Corps of Engineers</i>	
Public Affairs Office CELRH-PA USACE HUNTINGTON DISTRICT 502 Eighth Street Huntington, WV 25701	(304) 399-5551
Project Management Office CELRH-PM-PP-P USACE Huntington District 502 Eighth Street Huntington, WV 25701	(304) 399-5388
<i>Restoration Advisory Board</i>	
Interim RAB Community Co-Chair	Coordinate through USACE PM Office
<i>Ohio EPA</i>	
Ohio Environmental Protection Agency Northwest District Office 347 North Dunbridge Bowling Green, OH 43402	(419) 373-3035 or (419) 373-3038

APPENDIX D

Media List

MEDIA LIST

NEWSPAPER		
Sandusky Register	314 West Market Street Sandusky, OH 44870	(419) 625-5500 www.sanduskyregister.com
RADIO STATION		
BAS Broadcasting (WCPZ 102.7, WMJK 100.9, WOHF 92.1, WFRO 99.1, WLEC 1450, WTTF 93.3 and 1600)	1281 N. River Rd. Fremont, OH 43420 ATTN: News Director	(419) 332-8218 www.basohio.com/
TELEVISION STATIONS		
<u>ABC Affiliate – Toledo</u> WTVG – News Director	4247 Dorr Street Toledo, OH 43607	(419) 531-1313
<u>CBS Affiliate – Toledo</u> WTOL – News Director	730 North Summit Street Toledo, OH 43604	(419) 248-1111 news@ToledoNewsNow.com

APPENDIX E

Location of Administrative Record and Public Repository

LOCATION OF ADMINISTRATIVE RECORD AND PUBLIC REPOSITORY

The Administrative Record and Public Repository for the Plum Brook Ordnance Works are available at the following locations:

<u>Administrative Record</u> US Army Corps of Engineers Huntington District 502 Eighth Street Huntington, WV 25701	<u>Contact</u> Public Affairs Office (304) 399-5551	<u>Hours for public review</u> Monday through Friday 9:00 am to 3:00 pm
<u>Public Repository</u> BGSU Firelands One University Drive Huron, OH 44839	<u>Contact</u> Librarian (419) 433-5560	<u>Library hours</u> Monday-Thursday – 8:00 am to 8:30 pm Friday – 8:00 am to 5:00 pm Saturday – 9:00 am to 1:00 pm
Note: In addition to the Public Repository at BGSU Firelands College, documents are available electronically on the USACE Huntington District website: http://www.lrh.usace.army.mil/Missions/CurrentProjects/DERPFUDS(WVOW,PBOW,WVMA).aspx		

APPENDIX F

Community Leaders and Elected Officials

FEDERAL AND STATE OFFICIALS

UNITED STATES GOVERNMENT	
U.S. Senate	
Senator Sherrod Brown	713 Hart Senate Office Bldg. Washington, DC 20510 (202) 224-2315 www.brown.Senate.gov/contact/
Senator Rob Portman	448 Russell Senate Office Bldg. Washington, DC 20510 (202) 224-3353 www.portman.Senate.gov/public/index.cfm/contact?p=contact-form
U.S. House of Representatives	
Representative Marcy Kaptur 9 th District	1 Maritime Plaza Toledo, OH 43604-1853 800-964-4699 <u>OR</u> 2186 Rayburn Bldg. Washington, DC 20515 (202) 225-4146
STATE OF OHIO	
Governor	
Governor John Kasich	Riffe Center, 30 th Floor 77 South High Street Columbus, OH 43215 (614) 466-3555 http://governor.ohio.gov
Senate	
Randy Gardner District 2	Senate Bldg. 1 Capitol Square, 2 nd Floor Columbus, OH 43215 (614) 466-8060 http://www.ohiosenate.gov/senate/gardner/contact
House of Representatives	
Chris Redfern District 89	77 S. High Street, 10 th Floor Columbus, OH 43215-6111 (614) 644-6011 http://www.ohiohouse.gov/chris-redfern/contact
<i>NOTE: The 9th District includes Ottawa, Erie and a portion of Lorain Counties.</i>	

COUNTY OFFICIALS

ERIE COUNTY	
County Commissioners	
William J. Monaghan	Erie County Services Center 2900 Columbus Avenue Sandusky, OH 44870 (419) 627-7672
Patrick Shenigo	
Thomas M. Ferrell, Jr.	
County Engineer	
John D. Farschman	2700 Columbus Avenue Sandusky, OH 44870 (419) 627-7710
County Sheriff	
Paul A. Sigsworth	2800 Columbus Avenue Sandusky, OH 44870 (419) 625-7951
County Administrator (Appointed)	
Pete Daniel	2900 Columbus Avenue Sandusky, OH 44870 (419) 627-7682

TOWNSHIP OFFICIALS

MILAN TOWNSHIP TRUSTEES 1518 State Route 113 East, Milan, Ohio 44846	
Daniel Frederick	Township Office - (419) 499-2354 Fax: (419) 499-3240
Sparky Weilnau	
Frank Lytle	
Jim Verbridge	
OXFORD TOWNSHIP TRUSTEES 11102 Ransom Road, Monroeville, Ohio 44847	
Gary Salmon	Township Office - (419) 359-1447 Clerk Office: (419) 359-1735 Fax: (419) 359-1544
John Kinne	
Larry Frimerman	
PERKINS TOWNSHIP TRUSTEES 1210 East Bogart Rd., Sandusky, Ohio 44870	
Jeff Ferrell	Township Office - (419) 609-1400 Fax: (419) 621-2175 http://www.perkinstownship.com/
Timothy Coleman	
Michael Printy	
Jane Gildenmeister	

APPENDIX G

Quality Control Documentation

Quality Control Certification

**DRAFT
Community Relations Plan - 2013 Update**

**Plum Brook Ordnance Works
Sandusky, Ohio**

Contract Number: W91237-13-C-0002

February 2014

Assignment	Name	Signature	Date
Senior Reviewer			
	John Fleissner		<u>2/18/14</u>
Peer Reviewer			
	Beth Seppala		<u>2/18/14</u>

Review Comments
Draft Community Relations Plan, 2013 Update
Plum Brook Ordnance Works, Sandusky, Ohio
Contracts W91237-13-C-0002
10 February 2014

The following comments are offered from John Fleissner, OTIE Senior Reviewer

Comment 1. Section 1 – PBOW History and Background. Suggest including two new bullet lists created from the text to break-up the long narrative sections.

Response – The narrative in Section 1 was developed and provided by USACE. This is the text they want in all the documents generated from the PBOW projects. The reference to the source of the text was added to the reference list in Section 6.0.

No change was made to the text in Section 1.

Comment 2. Section 3, 2nd Paragraph. Conversations by whom? Clarify who is having conversations with whom—who is encouraging who?

Response – The text was revised to read, “Although, the concerns about contamination still exist, the tone of comments from community members is one of encouragement to continue restoration of the site.”

From: [Beth Seppala](#)
To: [Lantana Wood](#)
Cc: [Helen Owens](#)
Subject: Draft Community Relations Plan
Date: Tuesday, February 18, 2014 1:58:36 PM

Hi Lana,

I don't have any comments or revisions on the Draft Community Relations Plan for Plum Brook.

Thanks,
Beth

Beth Seppala

Oneida Total Integrated Enterprises (OTIE)

7430 E. Caley Avenue, Suite 240

Centennial, CO 80111

303-770-6227 ext. 2224 office

303-717-7902 cell

303-770-6228 fax

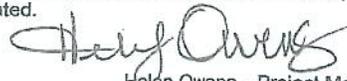
www.otie.com

Engineering, Science and Construction

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE		DATE 19-Feb-14	TRANSMITTAL NO. 1
<i>(Read instructions on the reverse side prior to initiating this form)</i>			

SECTION I - REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS <i>(This section will be initiated by the contractor)</i>			
TO: Lisa Humphreys - CELRH-EC-CE USACE Huntington District 502 8th Street Huntington, WV 25701	FROM: OTIE 7430 East Caley Ave., Suite 240 Centennial, CO 80111	CONTRACT NO. W91237-13-C-0002	CHECK ONE: <input checked="" type="checkbox"/> THIS IS A NEW TRANSMITTAL <input type="checkbox"/> THIS IS A RESUBMITTAL OF TRANSMITTAL NO. _____
SPECIFICATION SEC. NO. <i>(Cover only one section with each transmittal)</i>	PROJECT TITLE AND LOCATION Remedial Action-Construction TNT A - Phase II Plum Brook Ordnance Works, Sandusky, Ohio		CHECK ONE: THIS TRANSMITTAL IS FOR <input type="checkbox"/> FIO <input checked="" type="checkbox"/> GOVT APPROVAL

ITEM NO.	DESCRIPTION OF ITEM SUBMITTED <i>(Type size, model number/ect.)</i>	MFG OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO. <i>(See instruction no. 8)</i>	NO. OF COPIES	CONTRACT REFERENCE DOCUMENT		FOR CONTRACTOR USE CODE	VARIATION <i>(See Instruction No. 6)</i>	FOR CE USE CODE
				SPEC. PARA. NO.	DRAWING SHEET NO.			
a.	b.	c.	d.	e.	f.	g.	h.	i.
1	Draft Community Relations Plan - 2013 Update - Plum Brook Ordnance Works	hardcopy	3					E*
2	Draft Community Relations Plan - 2013 Update - Plum Brook Ordnance Works	.pdf on CD	3					E*
3								
4								
5								
6								

REMARKS * REJECTED - RESOLVE ATTACHED COMMENTS AND RESUBMIT	I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings and specifications except as other wise stated.  Helen Owens - Project Manager NAME AND SIGNATURE OF CONTRACTOR
---	---

SECTION II - APPROVAL ACTION		
ENCLOSURES RETURNED <i>(List by Item No.)</i>	NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY HUGH S. PITTMAN, P.E. CONTRACTING OFFICER'S 	DATE 4/11/14
ENG FORM 4025-R, MAR 95 <i>(ER 415-1-10)</i>	Edition of 11/15/05 REPRESENTATIVE	SHEET ___ OF ___ <i>(Proponent CEMP-CE)</i>

CELRH-EC-CE Review Comments
Community Relations Plan – 2013 Update, dated February 2014
01 March 2014

1. Pg 2, Section 1.0, last paragraph – take out the “(Humphreys 2014)” reference. I didn’t write this. It was a full PBOW PDT compilation and doesn’t require a reference.
2. Pg 2 – general: In past CRP updates there has been a section listing the PBOW projects (was formerly Section 2.0 in the 2012 Update). Please add to the end of the Section 1.0 a paragraph that states what PBOW projects we have like was done in the 2012 Update. This would pull the project a little more together in showing what all is going on out there (even though some of these projects have been completed and closed out). It would be nice to list the projects and then show what active phase we are in (like we do in the Fact Sheets, i.e., RI/FS, RD, RA-C, PCO)
3. Appendix A Site Map – Please replace w/ a map that shows the projects. This will pull Section 1.0 projects info together in having a map showing where it all is. USACE has a 11x17 map if OTIE does not. Please call to get it.
4. Appendix D – Media List – The Radio Station is listed as being in Fremont. Is there not one in Sandusky like was shown in last year’s update as being Clear Channel? Just curious why it’s being broadcast out of Fremont and not Sandusky where the project is.

ROUTING OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE FOR APPROVAL

For use of this form, see ER 415-1-10; the proponent agency is CEMP-CE.
(Used to route ENG Form 4025 with items attached. Not to become a part of the Contractor's record.)

1	a. TO CELRH-EC-CE Attn: Lisa Humphreys	b. FROM CELRH-EC-CM Attn: Shane Hall
---	---	---

THE ATTACHED ITEMS LISTED ON ENG FORM 4025 ARE FORWARDED FOR APPROVAL ACTION.

c. CONTRACT NUMBER W91237-13-C-0002	d. CONTRACTOR OTIE		
e. TRANSMITTAL NUMBER	f. PROJECT TITLE AND LOCATION PBOW Community Relations Plan 2013 Update, PBOW, Sandusky, Ohio		
g. COMMENTS (Attach additional sheets if necessary) Review the attached copies of this transmittal, rate & sign the stamps on the OFFICE & CONTRACT FILE COPIES, complete Section 4 of this form and return this form & attachments to this office to complete the ENG 4025 for signature & distribution.			
h. NUMBER OF ENCLOSURES	i. DATE (YYYYMMDD) 20140225	j. NAME (Last, First MI) AND TITLE Shane D. Hall, Chief, EC-CM	k. SIGNATURE

2	a. TO	b. FROM
---	-------	---------

c. COMMENTS (Attach additional sheets if necessary)			
d. NUMBER OF ENCLOSURES	e. DATE (YYYYMMDD)	f. NAME (Last, First MI) AND TITLE	g. SIGNATURE

3	a. TO	b. FROM
---	-------	---------

c. COMMENTS (Attach additional sheets if necessary)			
d. NUMBER OF ENCLOSURES	e. DATE (YYYYMMDD)	f. NAME (Last, First MI) AND TITLE	g. SIGNATURE

4	a. TO	b. FROM
---	-------	---------

THE FOLLOWING ACTION CODES ARE GIVEN TO ITEMS LISTED ON ENG FORM 4025.

<p>ACTIONS CODES A - APPROVED AS SUBMITTED. B - APPROVED, EXCEPT AS NOTED ON DRAWINGS. RESUBMISSION NOT REQUIRED. C - APPROVED, EXCEPT AS NOTED ON DRAWINGS. REFER TO ATTACHED SHEET. RESUBMISSION REQUIRED.</p>	<p>D - WILL BE RETURNED BY SEPARATE CORRESPONDENCE. E - DISAPPROVED (SEE ATTACHED). F - RECEIPT ACKNOWLEDGED. FX - RECEIPT ACKNOWLEDGED, DOES NOT COMPLY AS NOTED WITH CONTRACT REQUIREMENTS. G - OTHER (specify).</p>
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c. ACTION CODES TO BE INSERTED IN COLUMN G, SECTION I, ENG FORM 4025 (Attach additional sheets, when required)

(1) ITEM NO. (Taken from ENG Form 4025)	1	2	3	4	5	6		
(2) CODE GIVEN	G	G						

d. REMARKS
 G - Rejected. See attached comments & resubmit as final (w/ cmts incorporated).

e. NUMBER OF ENCLOSURES 2	f. DATE (YYYYMMDD) 3 March 14	g. NAME (Last, First MI) AND TITLE Humphreys, Lisa A Env Engineer	h. SIGNATURE
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CELRH-EC-CE Review Comments
Community Relations Plan – 2013 Update, dated February 2014
01 March 2014

1. Pg 2, Section 1.0, last paragraph – take out the “(Humphreys 2014)” reference. I didn’t write this. It was a full PBOW PDT compilation and doesn’t require a reference.

Response – The reference was deleted.

2. Pg 2 – general: In past CRP updates there has been a section listing the PBOW projects (was formerly Section 2.0 in the 2012 Update). Please add to the end of the Section 1.0 a paragraph that states what PBOW projects we have like was done in the 2012 Update. This would pull the project a little more together in showing what all is going on out there (even though some of these projects have been completed and closed out). It would be nice to list the projects and then show what active phase we are in (like we do in the Fact Sheets, i.e., RI/FS, RD, RA-C, PCO).

Response - A list of projects and the active phases was added to the report at the end of Section 1

3. Appendix A Site Map – Please replace w/ a map that shows the projects. This will pull Section 1.0 projects info together in having a map showing where it all is. USACE has a 11x17 map if OTIE does not. Please call to get it.

Response – Map in Appendix A was replaced.

4. Appendix D – Media List – The Radio Station is listed as being in Fremont. Is there not one in Sandusky like was shown in last year’s update as being Clear Channel? Just curious why it’s being broadcast out of Fremont and not Sandusky where the project is.

Response – BAS Broadcasting bought out several radio stations, and broadcasts all of them digitally from one office in Fremont. It is the same station as before, which is broadcast in Sandusky. No change.