

January 16, 2012

U.S. Army Engineer District, Nashville
ATTN: CELRN-EC-E (Ms. Kathy McClanahan)
110 Ninth Avenue South, Room 682
U.S. Court House Annex
Nashville, Tennessee 37203

**Submittal of the Final Site Characterization Report for
TNTA/Waste Water Treatment Plant 1 Sewer Lines
Former Plum Brook Ordnance Works, Sandusky, Ohio
Contract No. W912QR-08-D-0013: Shaw Project Nos. 132458 and 139798**

Dear Ms. McClanahan:

In accordance with the requirements of Delivery Order Nos. DX03 and DX18 of Contract No. W912QR-08-D-0013, Shaw is pleased to submit the Final Site Characterization Report for TNTA/Waste Water Treatment Plant (WWTP) No. 1 Sewer Lines at the Former Plum Brook Ordnance Works (PBOW) located in Sandusky, Ohio.

Findings from additional soil sampling conducted along the TNTA/WWTP1 Sewer Line in October 2010 and August and September 2011 have been included in the report. This information has been included to provide a more complete understanding of the soil contamination in this area.

Enclosed are four copies of this final report. Copies have also been sent to those on the distribution list, as indicated, for their records. As requested, the document was sent to the Center of Expertise and RAB in electronic format only.

Should you have any questions or require additional information regarding this submittal, please do not hesitate to contact me at (865) 694-7496.

Sincerely,



Steven T. Downey, PE, PMP
Project Manager

Enclosures

Control Copy Distribution List

| <u>Name</u> | <u>Control Copy</u> |
|--|---------------------|
| U.S. Army Engineer District, Nashville ATTN: CELRN-EC-E (Ms. Kathy McClanahan) 110 Ninth Avenue South, Room 682 Annex Nashville, TN 37203 | 1-4 |
| U.S. Army Engineer District, Huntington ATTN: CELRH-PM-PP-P (Mr. Rick Meadows) 502 Eighth Street Huntington, West Virginia 25701-2070 | 5-7 |
| Mr. Paul Jayko Site Coordinator Division of Emergency and Remedial Response (DERR) Ohio Environmental Protection Agency 347 North Dunbridge Road Bowling Green, Ohio 43402-0466 | 8, 9 |
| Janusz Z. Byczkowski Ohio Environmental Protection Agency Div. Emergency and Remedial Response Central Office Lazarus Government Ctr. 50 W. Town Str., Suite 700 Columbus, Ohio 43216-1049 | 10 |
| Mr. Robert Lallier Environmental Coordinator NASA - Plum Brook Station 6100 Columbus Avenue Sandusky, Ohio 44870 | 11 |
| U.S. Army Corps of Engineers HTRW Center of Expertise ATTN: CEHNC-CX-EG (Vern StJohn) 1616 Capitol Avenue Omaha, Nebraska 68144-3869 | (CD only) |
| Mr. John Blakeman PBOW RAB acting Co-chairman 2412 Scheid Road Huron, Ohio 44839 | (CD only) |
| Mr. Dennis Druck USAPHC (Prov) ATTN: MCHB-TS-HER, BLDG E1675 Aberdeen Proving Grounds, MD 21010-5403 | 12 |

Client Name: U.S. Army Engineer District, Nashville; CELRN-EC-E

Project Description: Site Characterization Report for TNTA/WWTP1 Sewer Lines
Former Plum Brook Ordnance Works, Sandusky, Ohio

Contract No. W 9 1 2 Q R - 0 8 - D - 0 0 1 3 Delivery Order No. D X 0 3 D X 1 8

Project Nos.

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Document Type

Identify specific section or segment covered by this checkprint

Document Origin

- Technical / Cost Proposal _____
- RFP _____
- Contract / Subcontract _____
- Work Plans _____
- Report Site Characterization Report
- Risk Assessment / Evaluation _____
- Specifications & Plans _____
- Design Calculations _____
- Tables _____
- Drawings / Figures _____
- Other: _____

- Originator Developed
- Edited Standard
- Client Furnished

Document Status

- Preliminary
- Internal Draft
- Draft
- Draft Final
- Final
- Other:

| | <u>Required Person</u> | <u>Signature</u> | <u>Date</u> |
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NOTICE: By signature above, parties certify that the subject document has been prepared by and/or reviewed by them (as appropriate), that all review comments have been resolved, and that the document is ready for submittal.

NOTICE

The TNTA/Waste Water Treatment Plant 1 Sewer Lines Site Characterization Report (SCR) was previously submitted as the Draft Waste Water Treatment Plant 1, Waste Water Treatment Plant 3, Waste Water Treatment Plant 1 - TNTA Sewer Lines, and Waste Water Treatment Plant 1 - TNTB Sewer Lines Draft SCR. At the request of the USACE - Nashville District, for data location and retrieval purposes, the investigation areas from the mentioned draft report were separated into individually identified SCRs. Therefore, at your discretion, you may dispose of the three-volume draft SCR in a “green” manner as 100 percent of the data is included in the individually identified Final SCRs.