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August 23, 2011

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 Baseline Human Health Risk Assessment and Screening Level Ecological Risk Assessment
Ash Pit 1
Former Plum Brook Ordnance Works, Sandusky, Ohio
Contract No. W912QR-08-D-0013: Shaw Project Number 132457

Dear Ms. McClanahan:

In accordance with the requirements of Delivery Order No. DX02 of Contract No. W912QR-08-D-0013 Shaw is pleased to submit the Final Baseline Human Health Risk Assessment and the Final Screening Level Ecological Risk Assessment for Ash Pit 1 at the Former Plum Brook Ordnance Works (PBOW) located in Sandusky, Ohio. These reports were prepared consistent with those prepared for other PBOW sites, the agreements among the PBOW project delivery team members, and specifically the respective Ash Pit 1 Baseline Human Health Risk Assessment and Screening Level Ecological Risk Assessment work plans. Responses to comments received on the draft risk assessment reports have been incorporated into the final reports and are attached to these documents. Please note that the draft risk assessment reports included the respective human health and ecological risks associated with Ash Pit 1 and Ash Pit 3. Per U.S Army Corps of Engineers request, we have separated these ash pit areas into separate reports. The Ash Pit 3 risk assessments will be submitted once the groundwater data have been collected for this site.

Enclosed for your records are four copies of these reports. Copies have also been sent to those on the distribution list as indicated for their review. As requested, the document was sent to the Center of Expertise and the Restoration Advisory Board Co-Chair 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,

for

Steven T. Downey, PE, PMP
Project Manager

Enclosures

Control Copy Distribution List

Name	Control Copy
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 (CD provided)
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, Ph. D., D.Sc., DABT Division of Emergency and Remedial Response (DERR) Ohio Environmental Protection Agency Lazarus Government Center 50 W. Town Street, Suite 700 Columbus, OH 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 (**electronic only**) HTRW Center of Expertise ATTN: CEHNC-CX-EG (Vern StJohn) 1616 Capitol Avenue Omaha, Nebraska 68144-3869	(CD provided)
Mr. John Blakeman (**electronic only**) PBOW RAB Co-chairman 2412 Scheid Road Huron, Ohio 44839	(CD provided)
Mr. Dennis Druck US Army Public Health Command (Provisional) ATTN: MCHB-TS-HER, BLDG E1675 Aberdeen Proving Grounds, MD 21010-5403	12

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DISCIPLINE SIGN-OFF REVIEW

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

Project Description: Human Health Risk Assessment for Ash Pit 1 Remedial Investigation
Former Plum Brook Ordnance Works, Sandusky, Ohio

Contract No. W912QR-08-D-0013

Delivery Order No. DX02

Project No. 132457

Task/Phase Number: 11000000

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		Identify specific section or segment covered by this checkprint
☐	Technical / Cost Proposal	
☐	RFP	
☐	Contract / Subcontract	
☐	Work Plans	
☐	Report	
X	Risk Assessment / Evaluation	Baseline Human Health Risk Assessment Report
☐	Specifications & Plans	
☐	Design Calculations	
☐	Tables	
☐	Drawings / Figures	
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	Required Person	Signature	Date
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