Shaw® a world of Solutions™

312 Directors Drive
Knoxville, Tennessee 37923
865.690.3211
FAX: 865.690.3626

August 17, 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 Site Characterization Report for Waste Water Treatment Plant 3 Former Plum Brook Ordnance Works, Sandusky, Ohio Contract No. W912QR-08-D-0013: Shaw Project No. 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 Site Characterization Report (SCR) for Waste Water Treatment Plant (WWTP) 3 at the Former Plum Brook Ordnance Works (PBOW) located in Sandusky, Ohio.

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 to Mr. John Blakeman (acting RAB 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,

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
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, Sc, DABT 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

Shaw® a world of Solutions™

DISCIPLINE SIGN-OFF REVIEW

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

Project Description: Site Characterization Report for Waste Water Treatment Plant 3
Former Plum Brook Ordnance Works, Sandusky, Ohio

Contract No. W912QR-08-D-0013 Delivery Order No. DX02

Project No. 132457 Task/Phase Number: 10000000

Document Type		Identify specific section or segment covered by this checkprint	Document Origin
☐	Technical / Cost Proposal		X Originator Developed
☐	RFP		☐ Edited Standard
☐	Contract / Subcontract		☐ Client Furnished
☐	Work Plans		
X	Report	Site Characterization Report	**Document Status**
☐	Risk Assessment / Evaluation		☐ Preliminary
☐	Specifications & Plans		☐ Internal Draft
☐	Design Calculations		☐ Draft
☐	Tables		☐ Draft Final
☐	Drawings / Figures		X Final
☐	Other:		☐ Other:

	Required Person	Signature	Date
Originator	David Kessler	David Kessler	8-15-11
Editor	Donald Groseclose	[illegible]	8-15-11
Peer Review	Eric Weaver	David Kessler for	8-15-11
Technical Review	Michael Gunderson	[illegible]	8-15-11
Technical Review	Tom Siard	[illegible]	8-16-11
Quality Assurance Mgr	Ken Martinez	[illegible]	08-16-11
Project Manager	Steven Downey	[illegible]	8-15-11

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 Waste Water Treatment Plant 3 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 Site Characterization Report. At the request of the USACE - Nashville District, for data location and retrieval purposes, the areas of concern from the 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 for the areas of concern are included in the individually identified Final SCRs.