

N00158.AR.000354
NASJRB WILLOW GROVE
5090.3a

LETTER REGARDING THE TRANSMITTAL OF FINAL PHASE 1 REMEDIAL INVESTIGATION
DATA REPORT FOR SITE 12 SOUTH LANDFILL NAS JRB WILLOW GROVE PA
01/28/2011
TETRA TECH NUS



TETRA TECH

PHIL-24094

January 28, 2011

Project Number 02014

Base Realignment and Closure
Program Management Office, Northeast
4911 South Broad Street
Philadelphia, Pennsylvania 19112-1303

Attn: Mr. Jeff Dale

Reference: Contract No. N62470-08-D-1001
Contract Task Order (CTO) WE05

Subject: Submission of Final Phase I Remedial Investigation Data Report for Site 12 – South Landfill
Naval Air Station Joint Reserve Base (NAS JRB) Willow Grove, Pennsylvania

Dear Mr. Dale:

Tetra Tech NUS, Inc. (Tetra Tech) is pleased to provide copies of the final Phase I Remedial Investigation Report for Site 12 – South Landfill for NAS JRB Willow Grove. Two copies have been sent to Lisa Cunningham at EPA Region 3, one copy has been sent to Kathleen Patnode at Region 3 BTAG, two copies have been sent to Tim Sheehan at PADEP, one copy has been sent to Bill Heil at NAS JRB Willow Grove, one copy has been sent to the Executive Officer NAS JRB Willow Grove, and two copies are enclosed for your use. Each recipient named has also received an electronic copy of the final revised document on compact disk (CD). In addition, one set of the bound final SMP document with an electronic version on CD has been sent to the Horsham Township Library and one set to the NAVFAC Mid-Atlantic librarian. Responses to EPA comments on the draft document are attached.

Thank you for this opportunity to submit the final documents. Do not hesitate to contact me if you have any questions or require revisions.

Sincerely,

Russell E. Turner, P.E.
Project Manager

RET/mmp

Attachment: Navy Response to EPA BTAG Comments
Final Phase I RI Data Report for Site 12 – South Landfill

c: Lisa Cunningham (EPA Region 3)
Kathleen Patnode (BTAG)
Tim Sheehan (PADEP)
Bill Heil (NAS JRB Willow Grove)
Executive Officer (NAS JRB Willow Grove)
Horsham Township Library (Attention Laurie Tynan)
NAVFAC Mid-Atlantic Librarian
Garth Glenn (Tetra Tech) (without enclosures)
File

NAVY RESPONSE TO EPA COMMENTS
DRAFT PHASE I REMEDIAL INVESTIGATION DATA REPORT
SITE 12 – SOUTH LANDFILL
NAS JRB WILLOW GROVE
January 24 2011

EPA Comments dated January 13, 2011 (Bruce Pluta, BTAG)

Recommendations and Conclusions

Comment 1:

On page 16 of Surface Soil, the proposed sampling intervals are listed as 0-0.5" and 0.5"-2'. These errors need to be corrected to either 6" or 0.5' for the soil intervals.

Response: Agree - The errors have been corrected and will be reflected in the Site 12 Phase II RI SAP.

Comment 2:

On page 17 of Sediment section, the PAH contamination at locations SD01, SD02, and SD03 is discussed. As PAHs are present in the landfill, potential pathways from the landfill to the intermittent stream need to be evaluated. The proposed soil sample locations in the southeast corner of the site (near SD05 and adjacent to the new well; Figure 9) should be adjusted to intercept any surface runoff route from the landfill to the stream between SD03 and SD01.

Response: Agree – However, rather than adjust the proposed soil sample locations, two additional soil sample locations will be added to intercept any surface water runoff routes between the landfill and the stream in the area of sediment samples SD01, SD02, and SD03. The new sample locations will be defined in the field and soil will be collected from a depth of 0 to 6 inches for PAH analysis.

Comment 3:

The stormwater outfall is depicted at different locations in Figures 2, 3, 4, 5, 6 and 8 compared to Figure 9 and the description for SD03. Additional information on the sources and drainage area of water to the stormwater outfall should be provided. The Phase 2 report should include photographs of both the drainage ditch and the intermittent stream.

Response: Agree - The location of the storm water outfall on Figures 2, 3, 4, 5, 6, and 8 has been corrected to correspond with the location shown on Figure 9. Additional information on the drainage area of the storm water outfall has been added to the text. The Site 12 RI report will include photographs of the drainage ditch and the intermittent stream.