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TRANSMITTAL LETTER FOR THE DRAFT FINAL SOLID WASTE MANAGEMENT UNIT 21
SAMPLING PLAN FOR DELINEATION AND TETRA RESPONSES TO U S NAVY COMMENTS
NSA CRANE IN
2/13/2014
TETRA TECH



TETRA TECH

PITT-02-14-054

February 13, 2014

Project No. 112IG0018

Mr. Howard Hickey
Naval Facilities Engineering Command Midwest
201 Decatur Avenue, Building 1A, Code EV
Great Lakes, Illinois 60088-2801

Reference: NAVFAC Atlantic Biological Resource Services
CLEAN Contract No. N62470-08-D-1008
Contract Task Order No. F272

Subject: **Draft Final** SWMU 21 Sampling Plan for Delineation

Dear Mr. Hickey:

Enclosed is the Draft Final Sampling Plan. The Plan includes all changes required as a result of Navy comments. Responses to Navy Comments dated February 5, 2014 are attached to this letter.

Please contact Karen Lyons at (412) 921-8893 (email: Karen.Lyons@tetrattech.com) or Ralph Basinski at (412) 921-8308 (email: Ralph.Basinski@tetrattech.com) with any questions or comments.

Sincerely,

Ralph R. Basinski
NSA Crane Activity Coordinator

RRB/mlg
Enclosures

cc: Mr. Tom Brent, NSWC Crane (letter/attachment and hardcopy)
Dr. Christian Soucier, Ph.D, Tetra Tech (letter)
Ms. Delight Buenaflor, Tetra Tech (letter/attachment and hardcopy)
Ms. Karen Lyons, Tetra Tech (letter/attachment and hardcopy)
Mr. Rick Barringer, Tetra Tech (letter/attachment and hardcopy)
Mr. Ralph Basinski, Tetra Tech (letter/attachment and hardcopy)
Project File – CTO F272 (letter/attachment and hardcopy)

**RESPONSE TO NAVY COMMENTS DATED 02/05/14
REVISED DRAFT FINAL FTMR NO. 3
SWMU 21 – DRMO STORAGE LOT
NSA CRANE, INDIANA**

1. **Comment:** Page 2, Inside the DRMO Fence, 1st bullet, Earthen Berm. Provisional samples should be collected from native soils below the mounds so as to negate the need to remobilize should contaminants exceeding MCGs be found within the mound soils.

Response: The requested provisional samples from the native soil at locations 21SB227, 21SB228, and 21SB229 were added. These samples will be analyzed if contamination greater than the applicable MCG is observed in the soil samples collected from the berm.

2. **Comment:** Page 3, Characterize PCBs in Gravel Samples in North Central Area, information in 2nd set of parentheses. Reword. According to the figure, there are two gravel samples in the north, one in the middle, and two in the south.

Response: The text was clarified to call out the number of samples to be collected in the three areas.

3. **Comment:** Regarding additional sampling in creek adjacent to the site.

- a) Page 5, bullet for Figure 3. Due to the presence of PCBs in the area near the creek, bounded by SB166 (north) to SB126 (south), add sediment samples for PCBs along this stretch of creek.
- b) Page 5, bullet Figure 4. Due to the presence of PCBs in several samples near the creek (e.g., SB146, SB108, and SB149), add a sediment sample in the vicinity of the PCB detections.
- c) Page 6, bullet for Figure 4a. Add additional sediment samples to bound high lead hits in SD03 and SD07.

Response: Appropriate changes were to the text, tables, and figures of the FTMR to address the addition of the following samples.

- a) Three sediment samples, 21SD26 through 21SD28 (Figure 3), for PCB analysis were added to the stretch of the creek (south of SD/SW02) in the vicinity of PCB detections observed at SB166 to SB126.
- b) One sediment sample, 21SD/SW30 (Figure 4), for PCB analysis was added to the stretch of the creek in the vicinity of PCB detections observed at SB108, SB146, and SB149.
- c) Two sediment samples, 21SD/SW29 (Figure 3A) and 21SD/SW31 (Figure 4A), for lead analysis were added to bound high lead hits observed at 21SD03 and 21SD07.
- d) In light of the reviewer's concerns regarding defining the extent of contamination in the adjacent creek, three provisional sediment locations (21SD/SW23 through 21SD/SW25; Figures 2 and 2A) in the north area of the creek were added and will be analyzed for PCBs and/or lead if the results of the soil sampling in this area of the site indicate that these chemicals are a concern for the area.

It should be noted that approximate sediment sample locations were placed on the revised figures for illustration purposes; however, the actual locations to be sampled will be determined in the field and will represent depositional areas in the creek.