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EMAIL AND THE U S NAVY RESPONSE TO THE U S EPA REGION V COMMENTS ON THE
DRAFT FINAL TECHNICAL MEMORANDUM ADDENDUM REPORT SOLID WASTE
MANAGEMENT UNIT 3 (SWMU 3) AMMUNITION BURNING GROUNDS JEEP TRAIL AREA
NSA CRANE IN
12/04/2015
NAVFAC MID ATLANTIC

Cohen, Deborah

From: Brent, Thomas CIV NAVFAC MIDLANT, PWD Crane <thomas.brent@navy.mil>
Sent: Friday, December 04, 2015 9:34 AM
To: 'Ramanauskas, Peter'
Cc: Cole, Linda L CIV NAVFAC MIDLANT, IPTNE; Lyons, Karen; Cohen, Deborah; Basinski, Ralph
Subject: RE: SWMUJ 3 Soil Tech Memo (RTCs)
Attachments: RTC_EPA Comments_SWMU 3 Draft Final Tech Memo_061515.docx
Signed By: thomas.brent@navy.mil

Pete,

Attached are the responses to your June 2015 comments on the ABG (SWM 3) OJT TM Addendum Report of additional delineation sampling. Please let us know if you have any further comments or if we can issue the final.

Thanks,
Tom

-----Original Message-----

From: Ramanauskas, Peter [mailto:ramanauskas.peter@epa.gov]
Sent: Wednesday, June 10, 2015 2:17 PM
To: Brent, Thomas CIV NAVFAC MIDLANT, PWD Crane
Cc: Cole, Linda L CIV NAVFAC MIDLANT, IPTNE
Subject: SWMUJ 3 Soil Tech Memo

Hi Tom,

Hope the rest of your vacation in Florida was a good one!

I read through the May 6, 2015 Technical Memorandum Addendum Report - SWMU 3 Soil and had a few comments:

- 1) On page 4, Southern Study Area Boring 03SB48: The last sentence of the paragraph states that lead contamination is contained within the upper two feet of soil, which doesn't appear accurate.
- 2) Referring to Figure 3-2, were certain locations not able to be vertically bounded due to refusal (e.g. 03SB147, 03SB185)?

3) The second to last sentence of the first paragraph of Section 3.5 states that no step-out or step-down samples were warranted in this area, but it seems that intervals deeper than 6 feet were analyzed in 2014.

Thanks,

Pete

RESPONSE TO EPA COMMENTS DATED 06/10/15
DRAFT FINAL TECHNICAL MEMORANDUM ADDENDUM REPORT
SWMU 3 – AMMUNITION BURNING GROUNDS/JEEP TRAIL AREA
NSA CRANE, CRANE, INDIANA

1. Comment: On page 4, Southern Study Area Boring 03SB48: The last sentence of the paragraph states that lead contamination is contained within the upper two feet of soil, which doesn't appear accurate.

Response: The statement is not accurate and will be revised to indicate that lead contamination at location 03BS048 is contained within the 2- to 10-foot bgs interval and may extend to deeper intervals. Because the project team decided in the planning stages to limit the depth of the investigation to a maximum of 10 feet bgs, the vertical extent of lead contamination at this location is not bounded. However, as illustrated on Figure 3-3, location 03SB048 is surrounded by several samples with very low lead concentrations (< 50 mg/kg) from the 0- to 10-foot bgs intervals; therefore, elevated lead concentrations are isolated to a very small area surrounding this location.

2. Comment: Referring to Figure 3-2, were certain locations not able to be vertically bounded due to refusal (e.g. 03SB147, 03SB185)?

Response: Contamination at some sample locations was not able to be bounded because either a step-out/step-down approach was not used for explosives or the proposed samples could not be collected due to observed magnetometer interferences or other site features. However, during the field effort, whenever possible, additional samples were added to the sampling program to make up for the proposed samples that could not be collected. Table 2-1 contains a summary of the proposed and collected samples and includes an explanation of why a particular sample was or was not collected.

3. Comment: The second to last sentence of the first paragraph of Section 3.5 states that no step-out or step-down samples were warranted in this area, but it seems that intervals deeper than 6 feet were analyzed in 2014.

Response: The text will be clarified; references to 4 to 6 foot bgs samples and step-down samples will be removed since they are not accurate. Samples collected in 2014 to delineate lead contamination at location 03SB048 were obtained down to depths of 10 feet bgs because soil from the 8-to 10-foot bgs interval was already known to contain concentrations of lead in excess of the MCS. Refer to Figure 3-3.