Kimberly Noble

From: Sunga, Remedios@DTSC <Remedios.Sunga@dtsc.ca.gov>
Sent: Friday, February 12, 2016 01:46 PM
To: Kimberly Noble
Cc: Forman, Keith S CIV NAVFAC HQ, BRAC PMO; Clark, David J CIV NAVFAC SW; Zech, Myriam@Waterboards; Chris Glenn; William Carson; bob.beck@sfgov.org; Wright, Matthew (CDPH-DDWEM-EMB); Singh, Sheetal (CDPH-DDWEM)
Subject: TI Scoping Survey of Wastewater Lines Downstream from Building 233 - DTSC and CDPH Comments
Attachments: TI Survey of WW Lines Downstream from B233 CDPH comment memo 2-12-2016.pdf

Hi Kimberly,

DTSC and CDPH have reviewed the *Draft Report, Scoping Survey of Wastewater Lines Downstream from Building 233, Former Naval Station Treasure Island, San Francisco, California* dated December 2015 (Report). DTSC received the Report on December 30, 2015 and the Navy requested comments by January 29, 2016. Attached is CDPH's memorandum with comments on the Report. The following are additional DTSC comments.

1. Section 1.2-Site Description and Background. The site description discussion is related to the Building 233 site that includes the building footprint and a buffer zone around the building including segments of sewer lines. The study area, which is the subject of the Report, includes the sewer line drainage downstream of the Building 233 site. Please clarify the boundaries of the Building 233 site and the study area.

2. Figure 1-1 – Impacted Wastewater Lines. The HRASTM identified the wastewater lines from Building 3 and Building 233 to the Waste Water Treatment Plant as radiologically impacted. Please show the impacted waste water lines according the HRASTM and label the line segment(s) addressed in the Report. The Building 233 site with the sewer lines within its boundaries, and the sewer lines and lift stations in the study area should also be shown in a new figure that clearly indicates where the sewer remediation stopped within the Building 233 site.

3. Section 1.5.1-Step 1 – Statement of Problem, Page 6. This section should discuss the cause of the problem or possible radiological contamination in sewer lines downstream from Building 233 which was the Radium-223 spill in the 1950s.

4. Section 1.5.4-Step 4 – Boundaries of the Study, Page 7. This section states "The spatial boundaries constitute the potential radiologically impacted areas from the site and/or building activities." Please clarify that the cited site is the Building 233 site that has been remediated and the study area includes the sewer lines downstream from the Building 233 site.

5. Figure 5-1 Building 233 Sewer Drain Map, Page 7, Figure 5-3 Building 233 Sewer Drain Access Points, Page 19, and Figure 6-1 Avenue M Storm Sewer In-Ground Segments, Page 22. Please show in these figure the boundaries of Buildings 233 site with the remediated sewer lines and the drainage lines that are addressed in the Report.

6. Figure 5-1 Building 233 Sewer Drain Map, Page 19. Please discuss why the scoping survey ended at Lift Station 1 and where this lift station is connected for discharge to the waste water treatment plant.

7. Figure 6-2 Avenue M Storm Sewer Above-Ground Segment, Page 23. Please discuss the ongoing removal action in this segment of the storm sewer line called Avenue N Wood Stave Pipe Removal Action. Portions of this

above-ground storm drain line have been removed to access the underground wood stave pipe that was previously used as storm drain.

Thank you – Medi

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