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Sent: Thursday, December 12, 2002 12:21 PM
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Cc: Klimek, Ann (EFDSW)
Subject: Meeting Summary for Technical Conference Call of 9 December 2002, UST
Cluster 2, NASA Crows Landing Flight Facility

Hello All,

The summary for a recent technical conference call pertaining to UST Cluster 2 is attached.

Please do not hesitate to contact me if you have questions pertaining to the summary.

Thank you very much.

V/R
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12 December 2002



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Technical Conference Call Summary

Underground Storage Tank (UST) Cluster 2 NASA Crows Landing Flight Facility

Participants:

Jim Barton (RWQCB)
Marianna Potacka (Navy)
Lynn Hornecker (Navy)
Dave Kelly (Shaw Group)
Bob Hulet (Shaw Group)

Date of Conference Call: 9 December 2002

Date of Meeting Summary: 12 December 2002

Summary: The conference call began at 10:30 a.m. and ended at approximately 11:10 a.m. The Navy discussed information presented in the 25 November 2002 data summary and possible management strategies for UST Cluster 2.

The Navy provided an overview of the information presented in the November 2002 data summary including the historical corrective actions at UST Cluster 2 and the results of the analysis of soil samples that were collected in October 2002. In October 2002, soil samples were collected near the former dry wells for tanks CL-8 and CL-9 and near the base of the tank excavation boundary at tank CL-9. Jim Barton was present to observe some of the sampling activities. The detected petroleum hydrocarbons were within the gasoline range (carbon chain C5 - C10) and the diesel range (C10 - C24) but the laboratory indicated that the results likely represented jet fuel. Jet fuel (JP-5) has a carbon range of C8 - C20. The petroleum hydrocarbon concentrations in the soil near the dry well for CL-8 were significantly reduced based on historical results and sample point CL2-GP-01. The highest soil concentrations were measured in samples collected near the dry well for CL-9 (sample point CL2-GP-04 was closest to the dry well). Data from the recent samples collected in this area also show a significant reduction in the petroleum hydrocarbons in soil near the dry well for CL-9 compared to historical results. Two samples from sample point CL2-GP-04 were analyzed for leachable diesel and motor oil range petroleum hydrocarbons by the California Waste Extraction Test using deionized water (DI-WET). The DI-WET included centrifugal separation for the extract from the soil particle as requested by the RWQCB. The results indicated that some leachable compounds remain in the soil near the dry well for CL-9.

The Navy will be validating the laboratory data for the soil samples that were collected in October 2002. Methylene chloride was reported in some of the samples that required dilution. Methylene chloride is a common laboratory contaminant. The RWQCB expressed concern with the issue of potential laboratory contamination of samples. The Navy will continue to evaluate potential laboratory-introduced contaminants by reviewing laboratory and trip blank results and advising the laboratories when contamination is evident.

The Navy discussed potential management strategies including separating the UST Cluster 2 site into two areas: one area would include the area where corrective actions have been implemented (tanks CL-8 and CL-9); the other area would include tank site CL-7 and the truck/rail loading facilities where no corrective action was warranted. Further evaluation of the CL-8/CL-9 site is required; the evaluation may include a comparison of alternatives for closure (clean closure, continued soil vapor extraction treatment, other methods). The RWQCB indicated that they support continued operation of the SVE treatment system at UST Cluster 2. The Navy said that they would consider continued SVE treatment as a management strategy in their evaluation of alternatives. Tank site CL-7 and the loading areas have relatively low residual levels of petroleum hydrocarbons (approximately 29 milligrams per kilogram of TPH-extractable) based upon soil samples that were collected and analyzed in 1994, and the Navy would like to consider submitting a request for no further action status for CL-7 and the loading areas to the RWQCB. The Navy's long-term goals include the achievement of no further action status for all tank sites, and the submittal of a request for closure for CL-7 is consistent with the Navy's goals.

The RWQCB indicated that the Tri-Regional Board guidance is appropriate guidance for the development of closure documentation for tanks CL-8 and CL-9. The RWQCB indicated that they would consider a request for no further action status for tank CL-7 and the loading areas based upon a relatively short letter report or other short closure document.

The Navy proposes to review the UST Cluster 2 information more closely, develop a potential outline for a closure document for tank site CL-7 and the loading areas, and schedule another conference call with the RWQCB in December 2002, as time permits, in order to discuss the potential contents of a closure document for tank CL-7 and the loading areas.

Jim Barton said that he received the paper copy of the 8th quarterly GW report. Jim was not able to open the figures on the electronic copy of the report that was recently provided on CD.

Transmittal

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