

December 15, 2017

Note To: File

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Subject: Trip to observe Potholing on Site 12 at Treasure Island

On October 4, 2014, I visited Treasure Island to observe bore-holing activities at a former Solid Waste Disposal Area (SWDA). While there, I was given a tour of the SWDA by the Navy's, Tom Ivey.

I observed the last of the surface debris being placed in trucks, prior to being sent to the radiation monitoring areas to monitor for elevated radiation levels, prior to being analyzed and removed from the site. Radiation Technicians were present to take survey measurements and identify any discrete sources that might be located.

Additionally, I observed the bore-holing process along the perimeter of the area inside of the rip-rap along the San Francisco Bay. The Radiation Technicians monitored the material on the bore for discrete sources and took samples for further analysis. No discrete sources were identified, however, samples were taken by the Radiation Technicians for laboratory analysis to analyze for trace levels of radioactivity in the bore spoils that could be attributed to radium paint chips. It appeared that thick black liquids were dripping from the bore spoils, which were to be sampled to be analyzed for chemical contaminants.

Laboratory Analysis will assist the Navy in determining the best remediation option for the site; however, analysis and planning for remedies will probably not occur until 2019.



*Figure 1 Solid Waste Disposal Area Site 12*



*Figure 2 Heavy Machinery removing debris from surface of Site 12*





*Figure 3 SWDA SITE 12*





*Figure 4 SITE 12 BORE HOLE VEHICLES*



*Figure 5 Radiation Technician monitoring bore spoils for discrete sources*





Figure 6 Truck Radiation Monitoring Station