

**United States Environmental Protection Agency
Region IX
POLLUTION REPORT**

Date: Monday, June 19, 2006

From: Michelle Rogow

Subject: Oil found in the groundwater at Tank 6
Tanapag Fuel Farm Project
Tanapag Village, Saipan, CNMI, MP
Latitude: 15.2335831
Longitude: -145.7495044

POLREP No.:	10	Site #:	09ND
Reporting Period:	6/12-6/18/2006	D.O. #:	
Start Date:	4/17/2006	Response Authority:	CERCLA/OPA
Mob Date:	4/10/2006	Response Type:	
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:		Contract #	
RCRIS ID #:		Reimbursable Account #	
FPN#			

Site Description

See POLREP #1

Current Activities

June 12, 2006: EPA - 1, ERRS - 4, DEQ - 6; CAT 330 excavator, T190 Bobcat, Deere 310 backhoe - At Tank 6, excavation and management of contaminated soils continued. HPO was on site to oversee excavation. Confirmation sampling and analysis was conducted by DEQ. Excavation and load out of contaminated soils continued at Tank 13. The hot spot at Tank 13 which was excavated was resampled. Packing and inventory of equipment began. START demobed. One ERRS demobed.

June 13, 2006: EPA - 1, ERRS - 4, DEQ - 4; CAT 330 excavator, T190 Bobcat, Deere 310 backhoe - In the morning, DEQ lab staff conducted analytical for Tank 6 and 13 samples collected the previous day. Analytical indicated that the hot spot at Tank 13 was now under cleanup goals, but that there was still an area of contamination directly under the former Tank 6. Work continued in the Tank 6 area, with excavation around the tank area and management of soils. A number of loads of contaminated soil were transported from Tank 6 to Marpi Landfill for disposal. A composite of the disposal pile was taken. Backfilling of Tank 13 continued and material began to be stockpiled for backfill at Tank 6. Decontamination of equipment was conducted in preparation for demobe.

The Tanapag crew were honored at the governor's office with an award recognizing the project and the work conducted. The acting governor presented plaques to EPA, DEQ and EQM. EPA presented a memorial piece of the tank to DEQ.

June 14, 2006: EPA - 1, ERRS - 4, DEQ - 7; CAT 330 excavator, T190 Bobcat, Deere 310 backhoe - Work continued excavating and managing soils at Tank 6. As excavation continued, odors on site increased. While some areas appeared to decrease in oil concentration, directly under the tank, oil concentrations in soil were increasing with depth. Excavation was stopped just above groundwater table and confirmation samples were taken. Some of the samples were saturated with oil. The depth to groundwater was estimated at 4.5 feet. Analytical indicated that the perimeter of the excavation was well below the cleanup goals, but that an area beneath the tank was substantially contaminated. A trench was dug just beneath the groundwater and oil flowed into the trench with the groundwater.

Decon and demobe activities were also conducted. The 20' storage container was removed from the site and materials and equipment were prepared for shipment back to the Mainland. Cubic yard boxes were prepared for shipment to Guam. The shipping container began to be loaded.

June 15, 2006: EPA - 1, ERRS - 3, SPE - 2, DEQ - 5; CAT 330 excavator, T190 Bobcat, Deere 310 backhoe - Work continued on loading the container. At Tank 6, sorbent pads were used in an attempt to remove the oil in the excavation, but there was too much and was still trapped in the soils. The soils were

aggitated using the backhoe and more oil surfaced. A local oil spill cleanup company (South Pacific Environmental) was contacted and requested to bring a skimmer, but when they finally came on site, they could not get their compressor to work and the skimmer was unable to operate. Restoration continued at the Tank 13 area. One ERRS demobed.

Sampling of KV-1 and MW-1 was continued, along with sampling of the drums of waste generated from the development of MW-1.

June 16, 2006: EPA - 1, ERRS - 3, SPE - 2, DEQ - 5; CAT 330 excavator, T190 Bobcat, Deere 310 backhoe - Work at the Tank 13 area was almost complete. The bobcat was decontaminated and prepared for shipment. The container loading was completed and it was transferred to the port for departure back to the Mainland. At Tank 6, an air compressor was brought on site, but the skimmer was still unable to be operable. Oil recovery was attempted using a diapgram pump and hose, but was not very effective at removing oil as it was water. By the end of the day, another contractor (Pacific Environmental Resources Incorporated), who had a vacuum truck was contacted and arrangements made to have the vac truck on site the following day. DEQ worked on packaging of samples for shipment to the Region 9 laboratory. ERRS and DEQ continued to work on decon and demobe. Marianas Cable Vision was on site for an interview regarding the contaminated groundwater at Tank 6. A conference call was held with the OSC, DEQ and EPA Pacific Islands Office regarding the situation at Tank 6.

June 17, 2006: EPA - 1, ERRS - 2, PERI - 1; CAT 330 excavator, Deere 310 backhoe - Work was focused on oil recovery operations at Tank 6. Soils were aggitated, bringing oil to the surface of the groundwater and it was recovered using a vacuum truck. Oil booms and snare were used to corrale oil for easier recovery. Throughout the day, oil was removed into the vacuum truck and then the truck was decanted to removed water for treatment in the oil water separator. Aggitation continued to bring up oil to the surface in the same concentrations throughout the day. Approximately 300 gallons of oil and oily water were removed from the groundwater. DEQ worked on packing and sent sample shipment to Region 9 laboratory. One more ERRS was demobed...and then there were two.

June 18, 2006: Day off

Planned Removal Actions

Continue oil recovery operations at Tank 6.
Complete restoration at Tank 6 and 13.

Next Steps

Complete operations at Tank 6 and 13.

Key Issues

Groundwater contamination at Tank 6.
Extent of excavation at Tank 6.
Weather...always hot and sometimes raining.

Disposition of Wastes

Oil contaminated soils from Tank 6, total of approximately 1100 tons shipped off to date.
No daily cover soils, for a total of 1249.14 tons shipped off to date.
No vegetation shipped off site, for a total of 5.58 tons shipped off to date.
No scrap metal, for a total of 141.48 tons shipped off to date.
No waste water from tank 13, for a total of 12610 gallons shipped off to date.

Waste Stream	Quantity	Manifest #	Disposal Facility
Oil contaminated soils from tank 6			Marpi Landfill