

United States Environmental Protection Agency
Region IX
POLLUTION REPORT

Date: Monday, June 4, 2007

From: Robert Wise

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Subject: Radiological Soil Assessment
Halaco Engineering
6200 Perkins, Oxnard, CA
Latitude: 34.1389000
Longitude: -119.1819000

POLREP No.:	11	Site #:	09X6
Reporting Period:	May 29 - June 1, 2007	D.O. #:	
Start Date:	2/5/2007	Response Authority:	CERCLA
Mob Date:	2/5/2007	Response Type:	Time-Critical
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:		Contract #	
RCRIS ID #:			

Site Description

As part of the on-going stabilization action, the Emergency Response Section will be conducting an surface and subsurface soil assessment of the smelter. The target contaminants are heavy metals, radiological isotopes and VOCs. The area to be assessed is in the southeast corner of the smelter. Information collected during the IA, the stabilization action and through concerned citizens led to the investigation of this area. Information provided to OSC Wise indicated that the area may have been used as a disposal area. During the stabilization action, the START identified several areas of radiological contamination. Gamma surveys of the area indicated residual gamma radiation in excess of 50x background (>1,000,000 cpm by NaI(Te) scintillator).

Current Activities

On June 29, 2007, OSC R. Wise accompanied by the START radiation support subcontractor visited the Halaco site to determine the extent of area to be assessed for radiological contamination. This activity included test trenches to determine the horizontal extent of contamination. Starting on June 29, 2007, ERRS contractor removed the surface concrete from the assessment area.

On May 31 and June 1, 2007, OSC Wise, the START and PST conducted a surface radiological survey of the area of concern. Preliminary survey data indicates the presence of residual radioactive contamination in excess of 2x background over approximately 2/3s of the assessment area. Numerous hot spots greater than 10 - 50 times background were discovered in the assessment area.

Planned Removal Actions

Starting June 4, 2007, surface and subsurface sampling of the target area will be conducted. The soil will be field screened for metals via XRF, gamma spectroscopy for isotope identification and HAZMAT ID analysis for organic compounds. Based on the field analysis samples will be submitted to the lab for

confirmation analysis. Splits will be provided to the PRP.

Key Issues

1. Horizontal and vertical extent of the radioactive and heavy metal contamination.

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