United States Environmental Protection Agency
Region X
POLLUTION REPORT

Date: Thursday, July 5, 2007
From: Michael Sibley II

Subject: The Soil Vapor Extraction System (VES)
Japanese Auto Wrecking
7777 South 262nd Street, Kent, WA
Latitude: 47.3817000
Longitude: -122.2389000

POLREP No.:	10	**Site #:**	Z0A5
Reporting Period:		**D.O. #:**	
Start Date:	2/13/2003	**Response Authority:**	OPA
Mob Date:	7/17/2003	**Response Type:**	Time-Critical
Demob Date:	12/31/2007	**NPL Status:**	Non NPL
Completion Date:	12/31/2007	**Incident Category:**	Removal Action
CERCLIS ID #:		**Contract #**	03-06-0009
RCRIS ID #:		**Reimbursable Account #**	2003HR10N0XA550203D
FPN#	E03014		

Site Description

The Japanese Auto Wrecking (JAW) site (no longer operating at this location) originally occupied approximately 1.7 acres. The site (located at 7777 262nd Street in Kent, Washington) is a former auto wrecking yard that was referred to the EPA's Emergency Response Unit by the Washington Department of Ecology, the Washington State Patrol, and the EPA's Resource Conservation and Recovery Act (RCRA) division. The site is located near other auto wrecking yards, is within 0.25 mile of the Green River, and within 0.5 mile of residences. Prior to their February 2003 eviction, Japanese Auto Wrecking had taken over approximately 5.72 acres of the former Astro Salvage property. During the START site visit on February 13, 2003, oil was observed floating on surface water and strong petroleum odors were noted near a car-crushing area on the Japanese Auto Wrecking property. Workers on site reported dumping of thousands of gallons of gasoline directly into the soil at several locations. The site was closed by Washington Department of Labor and Industries in January, 2003, due to unsafe working conditions. On February 27, 2003, the EPA responded to the site due to the potential for buried chlorine gas cylinders to leak. On May 2, 2003, the EPA defined the entire 15 acre property (this includes the approximately 8 acres formerly occupied by Japanese Auto Wrecking) as the site area.

Current Activities

The soil vapor extraction system (VES) has operated continously for the last two monthes. G-logics has adjusted by system by reducing the extraction effort at the AS/VES EX-4, and EX-5 (plume eaters) while increasing the extraction effort at AS/VES well EX-1, extraction well EW-1, and three new VES Mini-wells installed in the vicinity of GMW-08. Samples of vapor were collected from the VES treatment system on May 15, 2007 and June 18, 2007 and submiteed for analytical testing. Analtyical results for the combined vapor sample (C-IN) show a significant increase in TPH-G, toluene, ethylbenzene, and xylenes from the previous several sample events due to the remediation system modifications. However, no benzene was detected. Also, no contaminamnts were detected in the vapor sample collected from between the two carbon towers (F-P) or the effuent sample (Stack).

G-logics analytical results for those groundwater samples indicated that TPH-G and BTEX concentrations in groundwater samples collected grom GMW-05 and GMW-08 were significantly reducted when compared to the previous (March 21, 2007) sample results. All other results were either near or below detection liits for all analyzed constituents.

Planned Removal Actions

G-logics continues to monitor and conduct quarterly sampling of on-site monitoring wells. Also, G-logics continues to conduct frequently monitoring of the VES and collect air samples.

Next Steps

Continued monitoring of the air sparge/soil vapor extraction remediation system to include the collection of

air and quarterly groundwater samples.

Key Issues

-Determine effectiveness of air sparge/soil vapor extraction remediation system.

-Establish timeline for cleanup operations for groundwater & soils.
-Field log of treatment system shut downs.

response.epa.gov/JapaneseAutoWrecking