United States Environmental Protection Agency
Region X
POLLUTION REPORT

Date: Tuesday, July 22, 2003
From: Michael Sibley II

Subject: Initial
Japanese Auto Wrecking
7777 South 262nd Street, Kent, WA
Latitude: 47.3817000
Longitude: -122.2389000

POLREP No.:	1	**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:	7/18/2003	**NPL Status:**	Non NPL
Completion Date:	12/31/2003	**Incident Category:**	Removal Assessment
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 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) the site area.

Current Activities

Removal Assessment Phase I

March 11, 2003

The START mobilized to the site on Tuesday, March 11, 2003, to collect groundwater surface and subsurface soil samples at the site. Several surface soil locations were identified previously during the February 13, 2003, site visit by EPA Project Manager Shawn Blocker. During this phase of the removal assessment samples were collected by the START at five locations. Laboratory analysis include TCLP and TAL metals. Subsurface soil and groundwater samples were also collected at three locations with the direct-push GeoprobeTM . According to former Japanese Auto Wrecking employees the owner dumped unknown quantities of pure product (gasoline) at several locations on site. Subsurface soils were field screened with the Flame Ionization Detector (FID) for Volatile Organic Compounds (VOCs). At two of the three locations organic vapors were detected at concentrations exceeding the response range for this instrument. Samples were shipped to a laboratory for confirmation analysis. Benzene was detected at concentrations exceeding federal guidelines and state cleanup levels in subsurface soil and groundwater samples at two of the three GeoprobeTM borings (see attached analytical data tables).

Removal Assessment Phase II

May 21-26, 2003

On May 21, 2003, the START re-mobilized to the site to install three monitoring wells. The purpose of

installing the wells were to determine if contamination had migrated off site hence, impacting the Green River. These wells were installed (to a depth of 25 feet below ground surface) with a drilling rig. Prior to well installation subsurface soil samples were collected at four foot intervals (per location). Groundwater samples were collected (per location) once the wells were developed 24 hours after installation. Samples collected were analyzed for VOCs, SVOCs, Pest/PCBs, TAL metals NWTPH-Gasoline and NW-TPH-diesel range petroleum hydrocarbons and TCLP. All samples were shipped to laboratory contracted by the START for analysis.

Planned Removal Actions

Planned Activities and goals:
July 17-18, 2003
Six boreholes will be installed by the START subcontractor with a GeoprobeTM
to determine if contaminated groundwater is impacting the Green River,
Subsurface soil and groundwater samples will be collected and analyzed for TCLP-BTEX and TPH-Gasoline and TPH-Diesel,
Samples will be forwarded to EPA Manchester Laboratory for analysis,
Photo documentation of all field activties,
GPS all sample locations,
All IDW (drill cuttings and decon water) will be stored on site within two 10-gallon drums

Next Steps

-Put together removal plan.
-Meet with the RP to discuss data & future plans to cleanup site.

Key Issues

Determine if product is migrating off site toward Green River.

response.epa.gov/JapaneseAutoWrecking