



## INITIAL INVESTIGATION FIELD REPORT

LUST ID: 2054

FS ID: 36575469

Site ID: 6163

SITE NAME Earle M Jorgensen Company

### SITE LOCATION INFORMATION

Contact Person Name	Title	Phone Number	
<i>Mailing Address</i>			
8531 E marginal Way S	Seattle	98108	
<i>Site Location</i>			
8531 E marginal Way S	Seattle		
<i>Quarter-Quarter</i>	<i>Section</i>	<i>Township</i>	<i>Range</i>
Latitude:	Degree	Minute	Second
Longitude:	Degree	Minute	Second

### INSPECTION INFORMATION

Inspection Date	Inspection Time	Type of Entry Notice
Photographs    Yes    No	Weather:    Clear    Partly Cloudy    Overcast	
Videotape        Yes    No	Precipitation	Temperature
Samples          Yes    No	Wind Direction	Wind Speed

### RECOMMENDATION

No Further Action:

No. Very complicated active site. Likely will not be RCU until facility goes bankrupt and entire site is heavily excavated and remediated. File needs a thorough review.

<i>Release or threatened release does not pose a threat</i>	<i>Site Hazard Assessment</i>
<i>No release or threatened release</i>	<i>Interim Action</i>
<i>Educational Mailing</i>	<i>Emergency Action Plan</i>
<i>Refer to another program/agency</i>	<i>Independent Cleanup Action</i>
	<i>In Progress</i> <i>Completed</i>

### CONTAMINANT(S) (See Page 3 for details)

Soil	Yes	
Groundwater	Yes	Gas, BTEX, Cutting oil, chlorinated solvents, BTEX, kerosene, PCBs, PCF, chloroform

### DEPARTMENT REVIEW

Investigator	Date
Approved by	
Unit Supervisor <i>Musa</i>	Date 2/23/11
Section Manager	Date

### COMMENTS

This facility was a former NAVY facility from 1940 (when the plant was built) to 1957 when it was bought by Issaccson and then Jorgensen. The plant is still in operation today and is a steel forge that melts metals and builds them into torpedo bores and other equipment for NAVY nuclear subs. The facility is located along the eastern shore of the Duwamish and surrounded by Boeing Plant 2 (north), other Boeing facilities (south), and the King County Airport and Boeing Delivery division along the NE, E, and SE



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across East Marginal Way South. Three areas of major impacts were identified on the site in 1991: Area 1-Hollow-Bore lathe areas where 4 to 8 feet of cutting oil is above GW as a result of leakage from a cutting oil holding UST and the cutting oil system providing fluids to the lathes. Area 2- o/w separator near the south banks of tanks. The o/w separator is connected to a sump that recovers spilled hydraulic oil from the hydraulic press area and treats it before discharging into METRO. Area 3- is along the east central area of the site and along East Marginal Way and consists of GW contamination from Gas/BTEX, compounds originating from releases of two gasoline USTs. In 1991, Jorgensen's consultant requested the site was handled under the Consent Decree process and asked Ecology to oversee the cleanup. In 1992, they actually asked a reversal to the Consent Decree to enter into VCP but it appears that that was denied. No UST removal reports were observed in the file but an RI/FS of the entire property plus several Technical proposals for cleanup of each area were observed. An Initial Investigation conducted by Ecology in 1991 states that a gas UST was removed from Area 3 and that 2 additional unknown tanks had been found. PCS had been excavated and 2 monitoring wells had been installed. Area 1 concentrations were approx. 15 to 77,000 ppm ORH and the source is believed to be the CO holding tanks and the systems supplying the lathes. Between 4 to 8 ft of product have been found over GW through the years in this area of the site in a LNPL plume covering approximately 36,000 square ft. COCs in area 1 are BTEX, kerosene, PCBs, and PCE and chloroform (suspected from Boeing's facility). Remedial actions conducted at the site during the early 1990s included, manual LNPL removal from site wells and a sophisticated GW extraction system with a horizontal well and several extraction wells connected to o/w separator/treatment system. Area 2 average soil concentrations are between 26 to 31,000 ppm TPH and up to a foot of product was found over GW through the years. COCs are TPH as oil/hydraulic oil/LNPL. Remedial actions conducted at the site during the early 1990s included, manual LNPL removal from site wells and an AS/VES system. Area 3 is the former location of three gasoline USTs. Approx 66 cy of PCS were disposed off-site during removal. GW samples from monitoring wells installed indicated TPH contamination as gas (22 to 59 ppm) and benzene (72 to 1,200 ppm). COCs are TRPH, gas, BTEX. Remedial actions conducted at the site during the early 1990s included pump and treat system, AE/VES. Numerous wells (25 to 30) are present throughout the site.

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