

# **ENVIRONMENTAL SITE ASSESSMENT: PHASE I**

at

**2737 West Commodore Way  
Seattle, Washington**

Prepared for

**Time Oil Company**

**August 25, 2000**

Prepared by

**FOSTER  WHEELER**

**FOSTER WHEELER ENVIRONMENTAL CORPORATION**

12100 NE 195th, Suite 200

Bothell, WA 98011



# **ENVIRONMENTAL SITE ASSESSMENT: PHASE I**

at

**2737 West Commodore Way  
Seattle, Washington**

Prepared for  
**Time Oil Company**

**August 25, 2000**

Prepared by

**FOSTER  WHEELER**

**FOSTER WHEELER ENVIRONMENTAL CORPORATION**

12100 NE 195th, Suite 200

Bothell, WA 98011



# CONTENTS

1.	INTRODUCTION	1
1.1	PURPOSE	1
1.2	LIMITING CONDITIONS AND METHODOLOGY USED	1
2.	PROPERTY LOCATION AND DESCRIPTION	4
2.1	PROPERTY LOCATION AND LEGAL DESCRIPTION	4
2.2	PROPERTY DESCRIPTION	4
2.3	ADJOINING PROPERTIES	6
2.4	PROPERTY OPERATIONS	6
2.5	PROPERTY HISTORY	7
3.	RESULTS OF INVESTIGATION AND RECORDS REVIEW	14
3.1	PROPERTY INSPECTION OBSERVATIONS	14
3.2	RECORDS REVIEW	15
3.2.1	EPA National Priorities List (NPL)	15
3.2.2	EPA Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)	16
3.2.3	EPA RCRA Corrective Action Reports (CORRACTS)	16
3.2.4	EPA RCRA non-CORRACTS Treatment, Storage, and Disposal Facilities	16
3.2.5	EPA RCRA Generators List	16
3.2.6	Federal Emergency Response Notification System (ERNS) List	17
3.2.7	State Hazardous Waste List	17
3.2.8	EPA Leaking Underground Storage Tank (LUST) Sites	18
3.2.9	EPA Underground Storage Tank (UST) Sites	18
3.2.10	Solid Waste/Landfill Facilities	19
4.	CONCLUSIONS AND RECOMMENDATIONS	19
4.1	LIMITATIONS	20
5.	REFERENCES	21
APPENDIX A	PROPERTY PHOTOGRAPHS	
APPENDIX B	HISTORICAL PHOTOGRAPHS	
APPENDIX C	EDR REPORT	

## FIGURES

<b>Figure 1.</b> Time Oil Company Properties on West Commodore Way	2
<b>Figure 2.</b> Property Location	3
<b>Figure 3.</b> Layout of Property	5
<b>Figure 4.</b> 1991 Sampling Locations	10
<b>Figure 5.</b> 1999 Sampling Locations	12

## TABLES

<b>Table 1.</b> Analytical Results from 1999 Soil Samples Above Cleanup Levels	13
<b>Table 2.</b> Results from 1999 Groundwater and Boring Water Samples Above Cleanup Levels	14

## **1. INTRODUCTION**

Foster Wheeler Environmental Corporation (Foster Wheeler Environmental) has been retained by the Time Oil Company (TOC) to conduct Phase I Environmental Site Assessments (ESAs) at seven properties located on West Commodore Way (Figure 1). The properties are all owned by TOC and are located within ¼ mile of each other.

This report presents the results of the Phase I ESA of the property located at 2737 West Commodore Way, Seattle, Washington (the Property), shown in Figure 2. This report was prepared by Foster Wheeler Environmental for the sole use of TOC and with the express limitations detailed in Section 1.2. The format of this report is generally consistent with the recommended format in "Standard Practice for Environmental Site Assessment: Phase I," issued by the American Society for Testing Materials (ASTM) Standard E 1527-97.

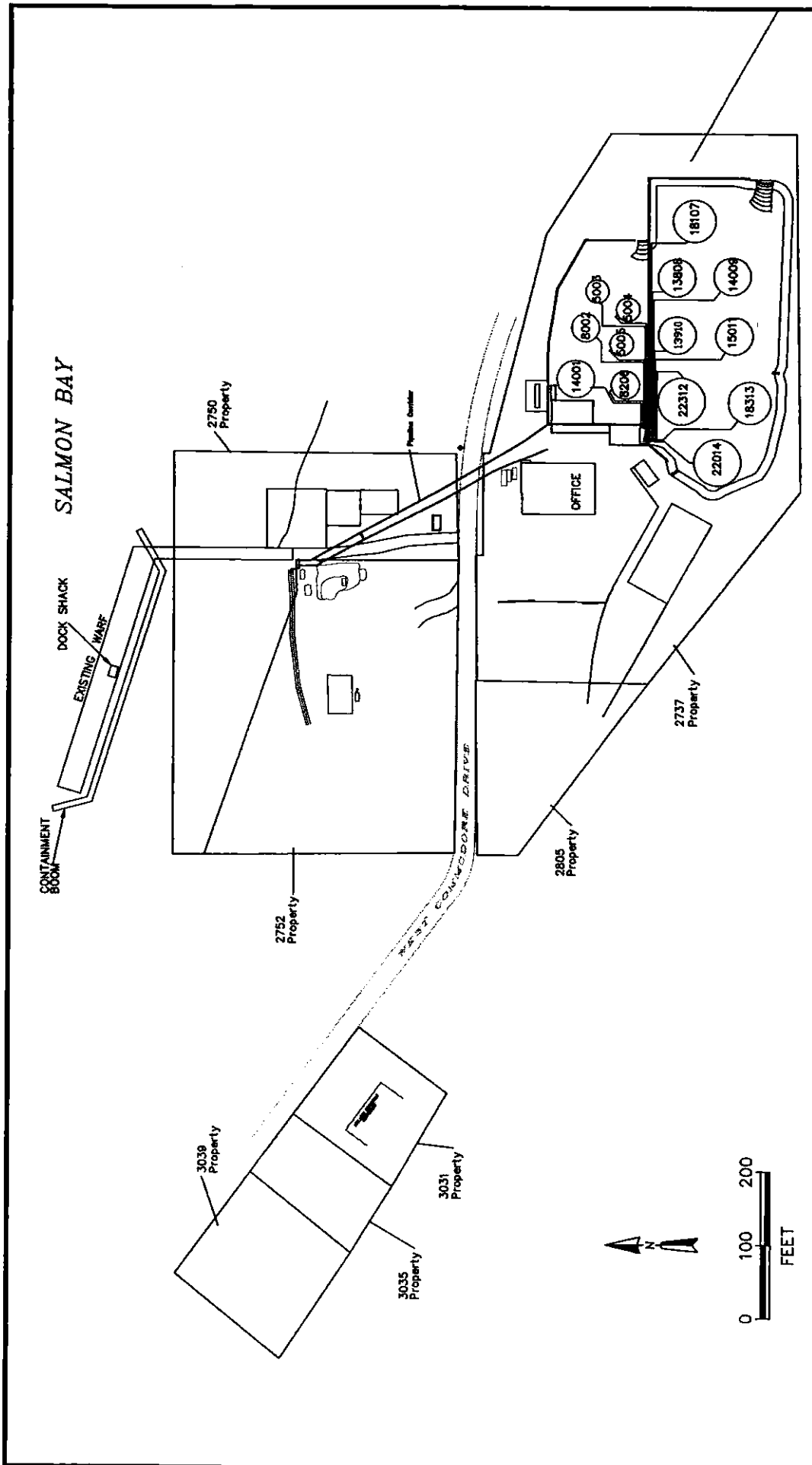
### **1.1 PURPOSE**

Pursuant to the scope of work, the purpose of this ESA was to identify recognized environmental conditions in connection with the property. As defined in Standard E 1527-97, "recognized environmental conditions" means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property.

### **1.2 LIMITING CONDITIONS AND METHODOLOGY USED**

The ESA was performed by Bryan S. Graham, RG, of Foster Wheeler Environmental. The scope of services for this project was limited to the following tasks:

- Task 1 - Property Reconnaissance
- Task 2 - Interview of Land Owner(s) Current Lessees, and Employees
- Task 3 - Regulatory Agency Database Search
- Task 4 - Data Analysis and Report Preparation.



**FOSTER WHEELER**  
**ENVIRONMENTAL CORPORATION**

**Figure 1**  
 Location of Time Oil Co. Properties  
 Phase 1 ESA Activities  
 Seattle, Washington





**Legend**

▲ Project Area

N  
W E  
S

0 1000 2000 3000 Feet

Figure 2

Location of Target Property

Time Oil Company Phase 1  
Environmental Site Assessment



Historical photographs were purchased from Walker & Associates. Available records and files were reviewed from:

- Seattle Department of Design, Construction, and Land Use
- Washington State Department of Ecology (Ecology)
- King County Tax Assessors Office
- Puget Sound Regional Archives.

The above tasks were accomplished in accordance with ASTM Standard E 1527-97. The ESA did not include wetlands evaluation; testing for or surveying of asbestos and radon, lead in tap water, or lead paint; or soil or groundwater sampling.

## **2. PROPERTY LOCATION AND DESCRIPTION**

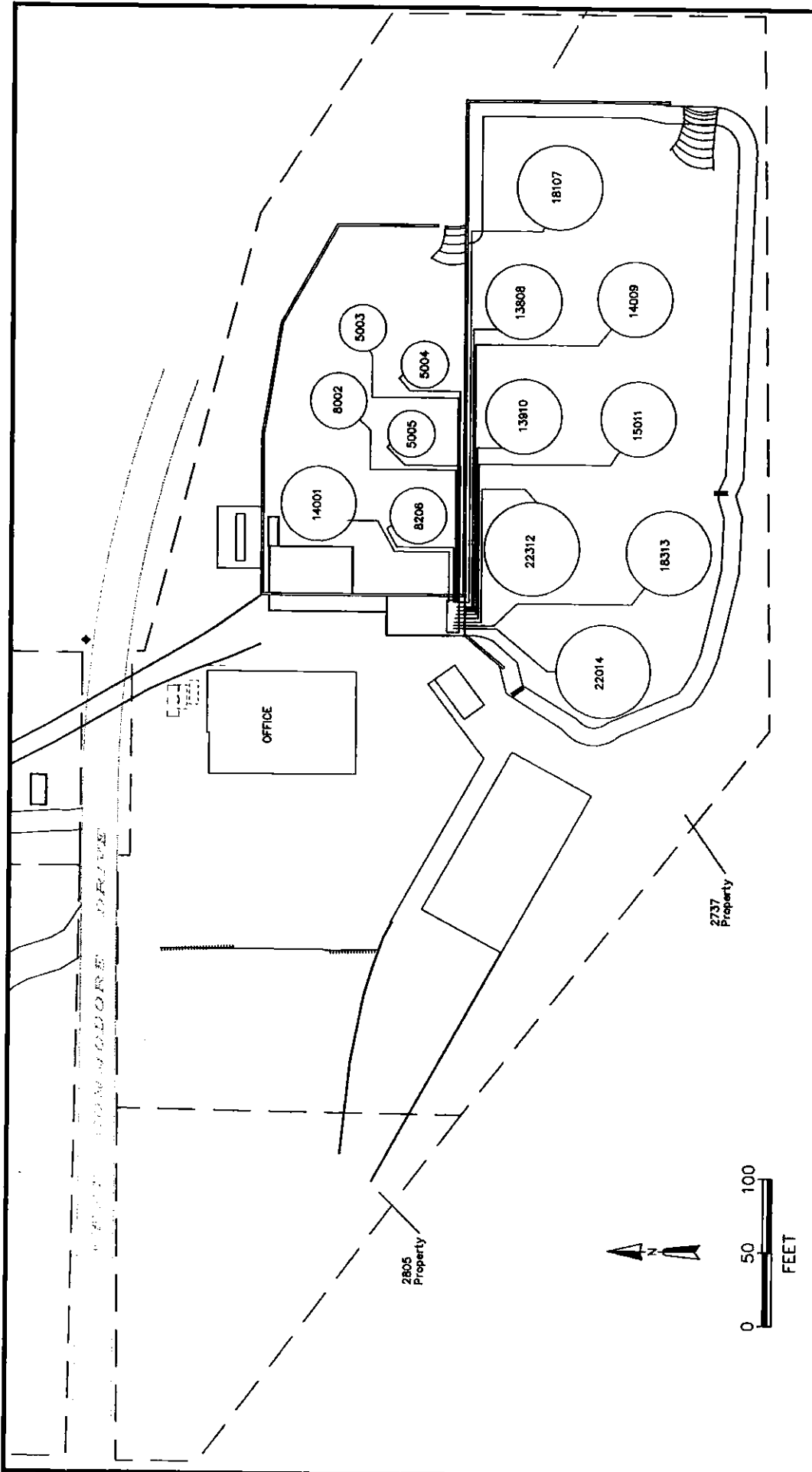
### **2.1 PROPERTY LOCATION AND LEGAL DESCRIPTION**

TOC owns the Property located at 2737 West Commodore Way, Seattle, Washington. The Property is currently used for petroleum storage, equipment storage, and administrative offices. The Property is within section 11, township 25 north, range 3 east, Lawton Park, and portions of blocks 3 and 4.

### **2.2 PROPERTY DESCRIPTION**

Figure 3 shows the layout of the Property. The Property runs from West Commodore Way south to the Burlington Northern rail line. Most of the Property has been paved, with the exception of the area of the former rail lines behind the warehouse, and the tank farm located on the east side of the Property. A two-story office building is located in the center of the Property towards West Commodore Way. A three-section warehouse is located behind the office building. A former boiler room is connected to the east side of the warehouse via a covered loading dock. An existing open-air barreling shed is located to the northwest of the warehouse. The tank farm is divided into two sections, each constructed at a different time. The lower yard contains six aboveground storage tanks (ASTs). The upper yard has eight ASTs that are larger in volume than those in the lower yard. The south side of the upper yard banks upward steeply to the fence line and former rail line spur. The surface of the tank farm is unpaved gravel with patches of grass. Immediately to the west of the tank farm is a pump shed and foamite shed (used for fire suppression). Appendix A contains photographs taken at various points within the Property.





**FOSTER WHEELER**  
**ENVIRONMENTAL CORPORATION**

Figure 3

Layout of Property  
 2737 West Commodore Way  
 Seattle, Washington

According to available regulatory records and interviews with TOC personnel, there are several underground storage tanks (USTs) on the Property. Two USTs are located on the north side of the office building, an unused heating oil tank is located on the east side of the office building adjacent to the former furnace room, and a gasoline vapor knock-out tank is located along the north side of the lower yard of the tank farm. The knock-out tank is associated with the overhead fuel loading racks located just north of the lower yard of the tank farm. There are no known drinking water wells on the Property, but several monitoring wells from previous site investigations penetrate shallow water-bearing zones beneath the Property.

### **2.3 ADJOINING PROPERTIES**

The area surrounding the Property generally consists of light industrial business, condominiums, and the ship canal. The Property is bounded by the following:

- West – ASKO Hydraulic (a machining and grinding business that is leasing the property from TOC),
- East - 27th Avenue West with an embroidered clothing distributorship,
- South - Burlington Northern rail line and Hydema Industries,
- North - by George Broom's Sons (canvas tarp and slings), a U.S. Coast Guard facility, and the ship canal.

### **2.4 PROPERTY OPERATIONS**

The Property is used by TOC for a variety of purposes. The property is the site for TOC administrative offices, serves as a tank farm for petroleum products, and portions of the Property are used to store equipment and supplies for service stations, such as fuel dispensers, fascia, signs, and miscellaneous supplies. Most of these materials are kept near the barreling shed or in part of the warehouse. The primary function of the facility is to store petroleum products in the ASTs at the tank farm. The ASTs range in size from approximately 5,225 barrels to 23,000 barrels. Fuel distribution lines connect the ASTs to an extensive manifold system which in turn is connected to the truck loading rack and a waterfront dock located in the ship canal across West Commodore Way. Fuel is off-loaded from barges and tankers in the canal and transferred to the ASTs. From there the fuel is transferred to tanker trucks via the overhead loading rack outside of, and just north of, the lower tank yard.

## 2.5 PROPERTY HISTORY

Information about the history of the Property was derived from a review of available documents, historical photographs, and regulatory records. Former and current employees of TOC were also interviewed.

The Property was acquired by the Time Oil Company around 1941. Historical photographs (Appendix B) demonstrate a number of changes that have taken place at the Property since 1936. Prior to 1936, the Property appears to have been used for agricultural purposes. Historical photographs and fire insurance maps show the Rattan Furniture factory located across West Commodore Way. Also across West Commodore Way is a saw mill and dry kiln, and a U.S. Coast Guard facility.

By 1946 the Property had been acquired by TOC. The 1946 photograph shows the original office building, the lower and upper yards of the tank farm, the pump shed and foamite building, and a former barreling shed located immediately west of the office building. Overhead fuel loading racks are also visible. The floor of the lower tank yard is noticeably dark. It is unclear whether this is an artifact of the photograph or indicative of site operations. To the west of the Property are numerous rows of empty 55-gallon drums. According to interviews with TOC employees, drums were filled with petroleum products in the former barreling shed, and rolled under West Commodore Way, via a barrel incline and tunnel, to the TOC dock in the ship canal. There the drums were loaded onto ships. This operation was conducted primarily to support the war effort. Interviewees described the former barreling shed as an operation where laborers were hired to fill barrels and load them onto ships. The filling apparatus was controlled by pulling a line to dispense fuel into drums. A single pull of the line would automatically dispense 50 gallons of fuel into the 55-gallon drums via an overhead nozzle at a very high rate. If the line was pulled twice, then twice as much fuel would be dispensed (and so on). The interviewees stated that they had heard of many times when drums were overfilled and fuel was spilled on the ground.

In 1946, a large volume of fuel arrived at the Property via rail cars. There were four rail spurs off the main Burlington Northern line leading onto the TOC property. One spur ran behind the former barreling shed and the other lines led toward the southwest end of the upper yard of the tank farm. One of these lines ran all the way behind the upper yard toward 27th Avenue West. Fuel was transferred from tanker cars via hoses to a subsurface line, from which it was pumped into the ASTs. Careful examination of the historical photograph from 1946 shows what appear to be equally-spaced dark patches of soil on the rail spur on the south side of the upper yard of the tank farm. These dark patches may be related to off-

loading operations. According to the interviewees, the tank cars were off-loaded with hoses. After being disconnected; it was not uncommon for residual fuel to drain from the lines and onto the ground.

Also of interest in the 1946 photograph is the office building. According to the interviewees, this building was used as the field office for the construction of the Lake Washington Floating bridge. The building was moved to its present location some time in the late 1930s or early 1940s. Because the building was a simple wooden structure, it was rather easily modified. The building shown in the 1946 photograph eventually became the second level of a larger structure. A first floor was added at its present location. This building would undergo three more additions over the years, as evident in subsequent photographs.

The historical photograph from 1960 depicts the Property largely as it is today. A warehouse building (built in the late 1940s according to the Puget Sound Regional Archives) is located south of the office building, parallel with the rail spurs. Several of the rail spurs were deactivated by the time of this photograph. A new barreling shed, built in 1952 according to the Puget Sound Regional Archive files, is located just northwest of the warehouse. The boiler house was added in 1950 (Puget Sound Regional Archive files). The barreling shed seen in the 1946 photograph is no longer on the Property in the 1960 photograph.

According to interviewees, TOC was operating a fuel delivery service using tanker trucks. According to TOC employees, the tanker trucks were serviced across the street at the vehicle maintenance facility at 2750 West Commodore Way. The vehicles in the center of the photograph, toward the west side of the Property, may be related to this operation. Also visible in this photograph are three smaller ASTs, immediately north of the new barreling shed. According to TOC employees, these ASTs were used to store used motor oil. The immediate area surrounding the ASTs was unpaved, but an outer area was paved. The interviewees also indicated that this area had been impacted by several small spills and leaks related to used motor oil transfer and storage activities.

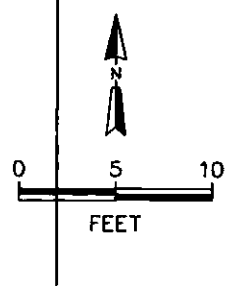
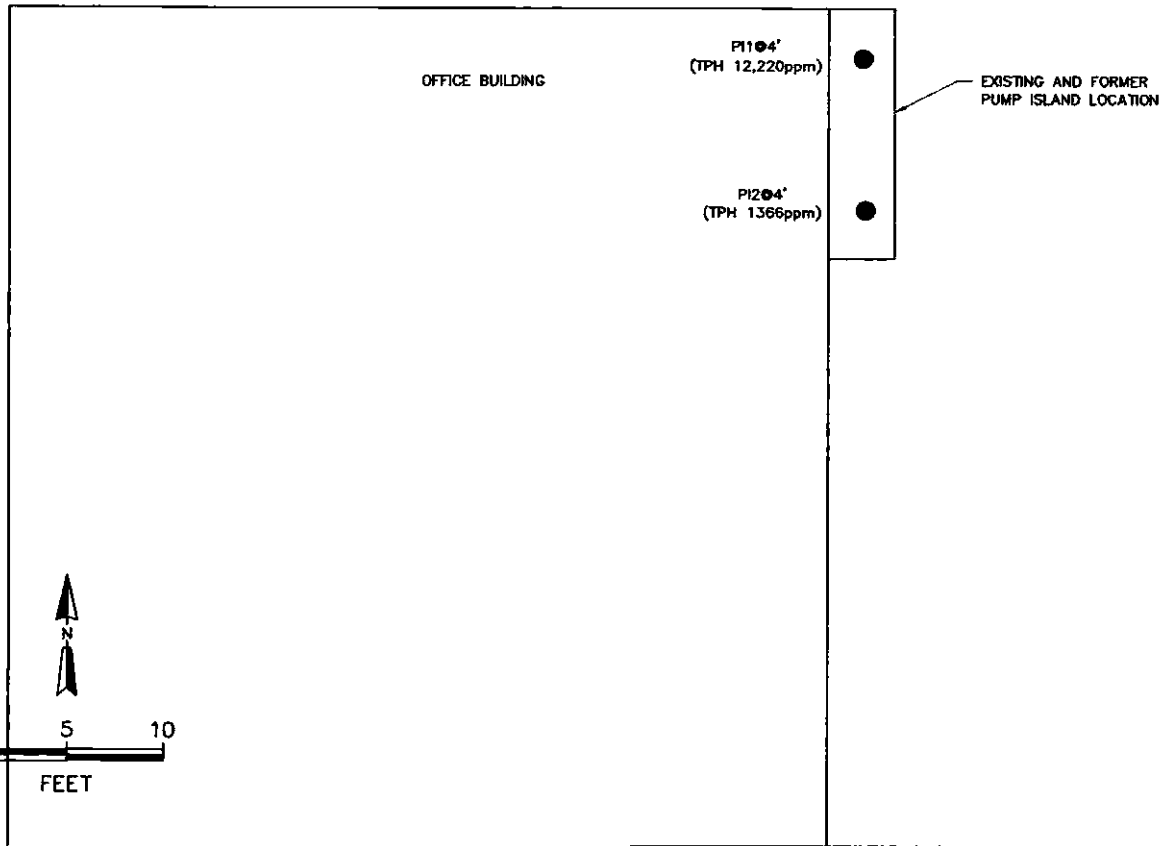
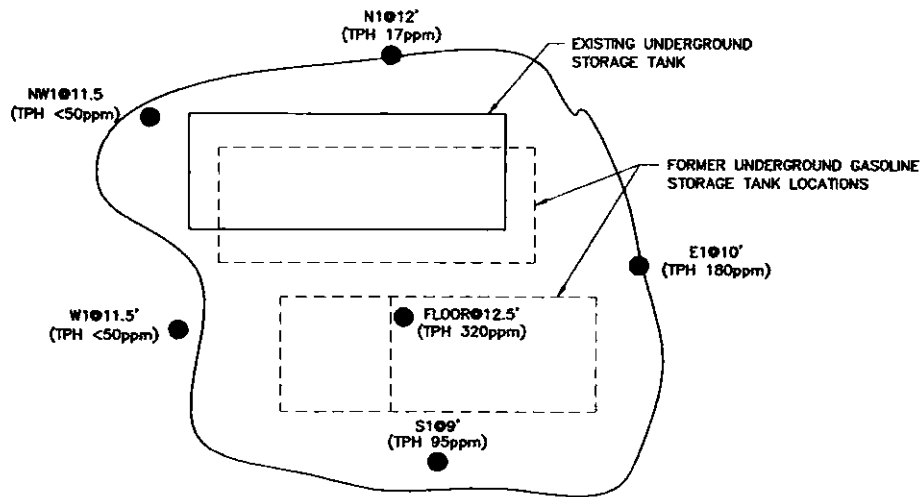
By 1974, a new vehicle maintenance facility was added on the adjacent property (2800 block) immediately west of the Property. After TOC terminated its fuel truck distribution service, this building was leased to Precision Engineering Specialists (a marine and engine repair facility) in 1976.

According to TOC employees, pentachlorophenol was mixed in a small AST near the west wall of the lower yard of the tank farm. The pentachlorophenol was transferred via underground lines to the new barreling shed, where 55-gallon drums and 5-gallon drums were filled, rolled onto a loading dock between the warehouse and the barreling shed, and loaded onto rail cars. This operation supposedly ran for 3 to 4 months during 1967 as part of a military contract. There were also reports of handling of agent orange in this area, though the reports of this event could not be confirmed and may be considered suspect. A few of the interviewees also stated that the parking lot on the Property had subsided in the vicinity where the former barrel incline ducked under West Commodore Way. The area was leveled and patched with new asphalt. The 1997 photograph shows the Property as it exists today.

Several of the interviewees mentioned that TOC had wanted to demolish the existing office building and construct a new office building. However, there was concern about excavating to the west of the existing office building because of the potential presence of petroleum-impacted soil. A couple of the interviewees also mentioned that many of the ASTs had small "weeps" or leaks near the bases. While there were no reports of large releases, numerous small leaks can have a cumulative impact. Some of the interviewees also indicated that the fuel line between the rail spurs was an area where there had been releases in the past. Other statements by the interviewees noted a release of gasoline near the northern (outer) overhead fuel loading rack. During one incident, the driver of a tanker truck is reported to have caught his truck on a portion of the loading facilities, resulting in a spill of over 1,000 gallons of gasoline. Most of the fuel was reportedly recovered. The overhead loading racks formerly had a center island surrounded by sand with only the driveways paved. The southern (inside) rack was replaced in the mid-1980s and the entire area surrounding both loading racks was paved. Interviewees identified the pipeline leading to the dock across the street as an area where petroleum releases may have occurred. The pipeline consists of several pipes encased in an outer conduit. The speculation was that the older 8-inch pipes had failed and newer 6-inch pipes were placed within the older pipes. One interviewee described the pipeline as a "nasty area."

In September 1991 (TOC, 1991) three USTs were removed from the Property. The USTs removed included a 4,000-gallon unleaded gasoline tank, a 2,500-gallon diesel fuel tank, and a 1,500-gallon regular leaded gasoline tank. Figure 4 shows the locations of the former USTs, along with soil sampling locations.





**LEGEND**

N1@12' (TPH 17 ppm) ● APPROXIMATE SAMPLING LOCATION WITH RESPECTIVE DEPTH AND TPH CONCENTRATION

**FOSTER  WHEELER ENVIRONMENTAL CORPORATION**

**Figure 4**  
**1991 Sampling Locations**  
**2737 West Commodore Way**  
**Seattle, Washington**

I:\PROJECTS\23063312\DWG\ETIOFG11.DWG  
 PLOT/UPDATE: AUG 01 2000 13:34:04

The diesel fuel and leaded gasoline tank were part of a baffled system (one 4,000-gallon tank) that was installed in 1980. Following removal of the USTs, a new 4,000-gallon UST was installed at the same location. The new tank is baffled to provide two compartments of 3,000 and 1,000 gallons, and is therefore registered with Ecology as two tanks. Two new fuel dispensers were also installed. The TOC report from 1991 indicated that the soil in the excavation appeared discolored and a hydrocarbon odor was evident. In addition, water with a hydrocarbon sheen was encountered at a depth of 18 feet below ground surface (bgs).

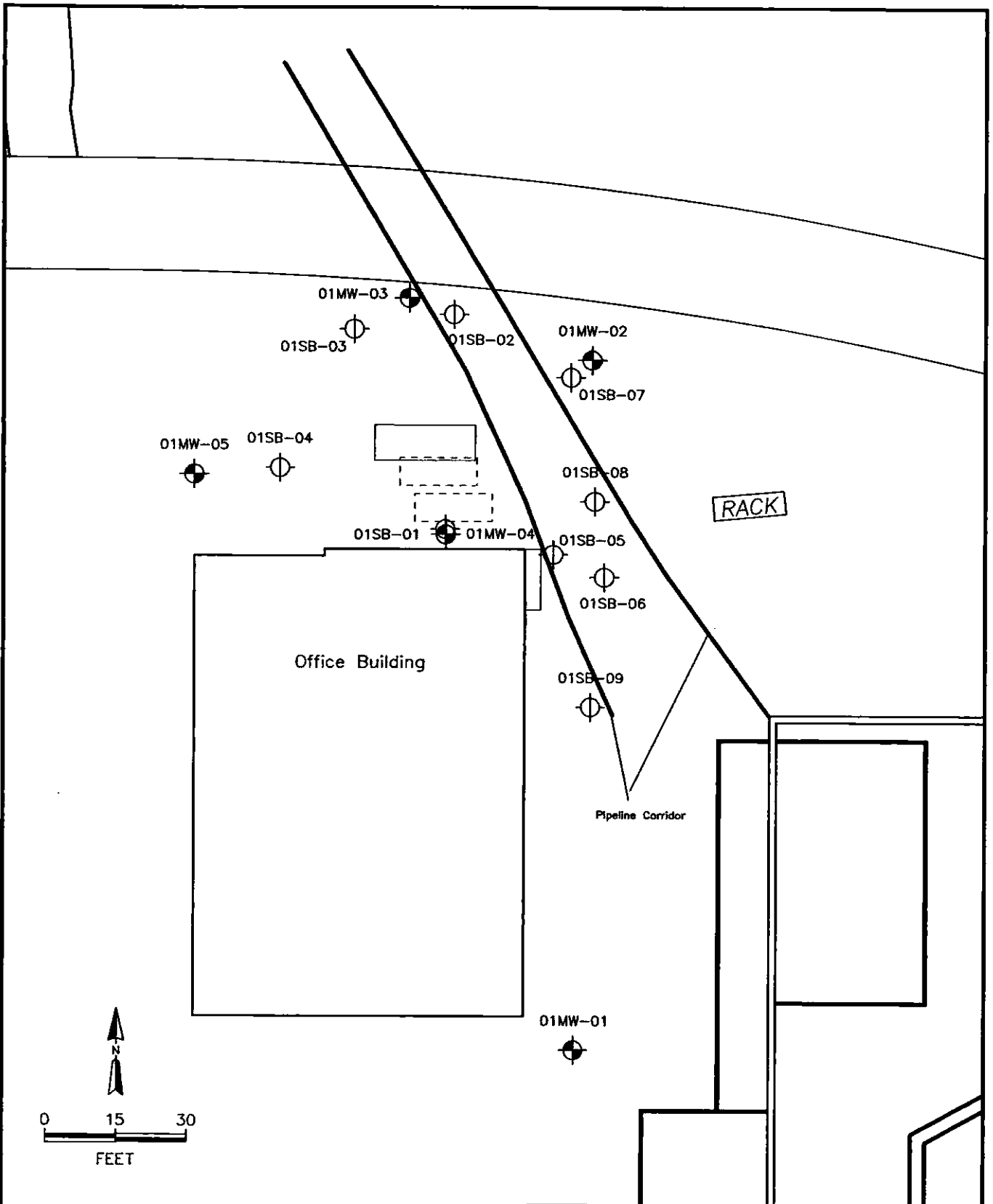
Efforts to excavate the petroleum-impacted soil were impeded by the proximity of the TOC building to the excavation and the presence of groundwater in the excavation space. Water samples were not collected. Soil samples indicated that the highest concentration (12,000 ppm) of hydrocarbons was present in surficial soils beneath the former fuel dispensers (east side of the building).

Additional site assessment activities were conducted in 1999, including the installation of nine soil borings and five groundwater monitoring wells (IT, 2000). The locations of the 1999 borings are shown in Figure 5. Soil boring logs included in the IT report indicate that soil composition beneath the Property from the surface to approximately 20 to 25 feet bgs consists of sands and silts, with varying amounts of clay and gravel. Very dense dry clay underlies this sand/silt unit and acts as an aquitard. Several soil samples contained diesel and gasoline at concentrations above the Model Toxics Control Act (MTCA) Method A Cleanup Level. The concentrations ranged from 381 ppm to 755,000 ppm. One soil sample (01SB-09 at 2.5 feet bgs) contained heavy oil above the MTCA Method A Cleanup Level and, although the analytical results for heavy oil on several others were below limits of detection, the detection limits exceed the MTCA cleanup level. Benzene was reported above the soil cleanup level in samples collected from borings 01SB-08, 01SB-09, and 01MW-05.



Concentrations of benzene ranged from 2.1 ppm to 5,590 ppm. Several soil samples also exceeded the cleanup level for toluene, ethylbenzene, and xylene. Table 1 shows the analytical results for soil samples with petroleum concentrations above the cleanup levels.

Groundwater was encountered in eight of the nine borings and all of the monitoring wells. Depth to groundwater ranged from 14 to 17 feet bgs. The wells were sampled in September 1999. Only one well (01MW-01) did not contain detectable concentrations of hydrocarbons.

I:\PROJECTS\23063512\DWG\ETIOFG10.DWG  
PLOT/UPDATE: JUL 24 2000 13:15:39



**LEGEND**

- 01SB-09  
 1999 Sample Location
- 01MW-01  
 Groundwater Monitoring Well

**FOSTER  WHEELER  
ENVIRONMENTAL CORPORATION**

**Figure 5  
1999 Sampling Locations  
2737 West Commodore Way  
Seattle, Washington**

**Table 1.** Analytical Results from 1999 Soil Samples Above Cleanup Levels

	Depth (feet)	Gasoline (mg/kg)	Diesel (mg/kg)	Oil (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl Benzene (mg/kg)	Total Xylene (mg/kg)
MTCA <sup>1/</sup>		100	200	200	0.5	40	20	20
01SB-05	10	<b>2,360</b>	<b>2,450</b>	ND (125)	ND (2.5)	33.5	<b>31</b>	<b>190</b>
01SB-08	12.5	<b>3,650</b>	<b>33,900</b>	ND (1030)	<b>9.96</b>	ND (5.0)	<b>20.9</b>	<b>73.4</b>
01SB-09	2.5	<b>381</b>	<b>1,780</b>	<b>514</b>	<b>2.12</b>	ND (0.2)	ND (1.4)	ND (1.2)
01SB-09	7.0	<b>2,360</b>	<b>24,800</b>	ND (525)	<b>3.45</b>	8.11	11.9	<b>32.1</b>
01SB-09	12.5	<b>755,000</b>	<b>15,000</b>	ND (525)	<b>5,590</b>	<b>26,200</b>	<b>9,500</b>	<b>55,800</b>
01SB-09	18	<b>3,970</b>	<b>5,870</b>	ND (525)	<b>5.26</b>	10.5	13.7	<b>61.5</b>

1/ MTCA Cleanup Levels in 1999

Results exceeding cleanup levels are in bold

ND – not detected above method reporting limit (reporting limit in parentheses)

Well 01MW-05 contained 0.78 feet of floating product. The concentrations of gasoline ranged from 12.2 ppm to 27.2 ppm; and diesel ranged from 0.7 ppm to 1.2 ppm. Heavy oil was not detected in any of the wells. Benzene ranged from 3,880 ppb to 11,300 ppb. Wells 01MW-02 through -04 contained concentrations of toluene, ethylbenzene, and xylene above the cleanup level. Total lead exceeded the cleanup level in every well except 01MW-01, with the highest concentration (130 ppb) being detected in 01MW-04. Table 2 lists the analytical results from the groundwater monitoring well and boring water samples collected in 1999. Most of the elevated concentrations appear to be located near the northeast corner of the office building. The IT report includes recommendations for additional site characterization.

In May 2000, TOC submitted a letter (TOC, 2000) to Mr. Joe Hickey of the UST division of Ecology, summarizing previous field activities. In the letter, TOC indicated that future assessment of the extent of contamination beneath the Property would be conducted.

**Table 2. Results from 1999 Groundwater and Boring Water Samples Above Cleanup Levels**

	Date	Gasoline (mg/L)	Diesel (mg/L)	Oil (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl benzene (µg/L)	Total Xylene (µg/L)	Total Lead (µg/L)
MTCA <sup>1/</sup>		1.0	1.0	1.0	5.0	40.0	30.0	20.0	5.0
01MW-02	9/28/99	<b>12.2</b>	0.714	ND (0.5)	<b>3,880</b>	<b>525</b>	<b>230</b>	<b>1,100</b>	<b>84.9</b>
01MW-03	9/28/99	<b>27.2</b>	0.944	ND (0.5)	<b>11,300</b>	<b>405</b>	<b>398</b>	<b>1,590</b>	<b>87</b>
01MW-04	9/28/99	<b>18.9</b>	<b>1.32</b>	ND (0.5)	<b>4,370</b>	<b>1,150</b>	<b>606</b>	<b>2,780</b>	<b>130</b>
01SB-01	6/6/99	<b>9</b>	<b>7.56</b>	ND (0.5)	<b>2,280</b>	<b>579</b>	<b>106</b>	<b>483</b>	--
01SB-02	6/6/99	<b>1.12</b>	<b>0.965</b>	ND (0.5)	<b>25.1</b>	<b>13.5</b>	<b>19.8</b>	<b>43.6</b>	--
01SB-03	6/6/99	0.881	ND (0.25)	ND (0.5)	<b>147</b>	5.58	24.6	<b>68</b>	--
01SB-04	6/6/99	<b>11</b>	<b>7.12</b>	ND (0.5)	<b>547</b>	<b>847</b>	<b>358</b>	<b>1,630</b>	--
01SB-05	6/6/99	<b>42.9</b>	<b>8.71</b>	<b>1.01</b>	<b>9,580</b>	<b>6,600</b>	<b>657</b>	<b>3,050</b>	--
01SB-07	6/6/99	<b>5.36</b>	<b>4.18</b>	0.577	<b>1,360</b>	<b>270</b>	<b>139</b>	<b>586</b>	--
01SB-08	6/6/99	<b>3.41</b>	<b>9.55</b>	ND (2.5)	<b>1,160</b>	<b>93.3</b>	<b>60.5</b>	<b>218</b>	--
01SB-09	6/6/99	<b>54.8</b>	<b>12.8</b>	<b>1.06</b>	<b>11,000</b>	<b>7,510</b>	<b>840</b>	<b>4,570</b>	--

1/ MTCA Cleanup Levels in 1999

Results exceeding cleanup levels are bolded

ND – not detected above method reporting limit (reporting limit in parentheses)

-- no analysis conducted

### 3. RESULTS OF INVESTIGATION AND RECORDS REVIEW

#### 3.1 PROPERTY INSPECTION OBSERVATIONS

On June 20, 2000, Foster Wheeler Environmental conducted a reconnaissance of the Property. The purpose of the visit was to obtain information relating to recognized environmental conditions, if any, associated with the Property.

In general, the facility is well kept. Much of the Property is paved, with the exception of the tank farm and the area behind the warehouse. The Property reconnaissance focused on the historical areas of interest and the current operations. The tank farm did not exhibit any unusual characteristics. Small patches of dried petroleum were visible around some of the



tanks. Portions of the former rail spur that ran behind the upper yard of the tank farm were still visible. Though the rails were gone, some of the timbers remained, as did a rail switching mechanism. The former off-loading pipe for the rail spurs behind the warehouse was visible on the ground surface; the portion leading to the tank farm was still buried.

The overhead loading racks had stained concrete at the base. The area around the office building, particularly in the vicinity of the new UST and fuel dispensers, appeared well kept. Patches in the pavement that runs directly toward the new barrel shed, behind the office building, may indicate the location of the buried lines used to feed the facility.

Miscellaneous equipment is stored adjacent to the new barrel shed, including unused fuel dispensers, signs, and drums wastewater collected from nearby TOC retail facilities. There were no recognized environmental conditions in the area behind the warehouse.

### **3.2 RECORDS REVIEW**

The Phase I database search was performed by EDR, Inc. EDR searched readily available state, federal, regional, and local agency database listings. The results of the database search are presented in Appendix C. As specified in ASTM E 1527-97, the following government records were reviewed:

- EPA National Priorities List (NPL) within 1.0 mile
- EPA Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) within ½ mile
- EPA Resource Conservation and Recovery Act (RCRA) Corrective Action Reports (CORRACTS) within 1.0 mile
- EPA RCRA non-CORRACTS Treatment, Storage, and Disposal Facilities within ½ mile
- EPA RCRA generators list on the Property and adjoining properties
- Federal Emergency Response Notification System (ERNS) list on the Property
- State Hazardous Waste Site List within 1.0 mile
- Leaking Underground Storage Tanks (LUST) list within ½ mile
- State Registered UST list on the Property and adjoining properties
- Solid Waste/Landfills within ½ mile.

#### **3.2.1 EPA National Priorities List (NPL)**

The NPL identifies federal Superfund Sites with the highest priority for cleanup. ASTM Standards require the identification of NPL sites within one mile of the subject property. There were no NPL sites identified within a one-mile radius of the Property.

### **3.2.2 EPA Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)**

The CERCLIS list identifies sites that the EPA has investigated or is in the process of investigating for potential hazardous substance contamination. A CERCLIS site may or may not become a NPL site. The ASTM Standards require the identification of CERCLIS sites within ½ mile of the subject property. The EDR report did not identify any CERCLIS sites within a ½-mile radius of the Property.

### **3.2.3 EPA RCRA Corrective Action Reports (CORRACTS)**

RCRA tracks the status and filing of any corrective actions that have taken place at a facility. The ASTM Standards require the identification of RCRA CORRACTS facilities within one mile of the subject property. The EDR report did not identify any such facilities within a one-mile radius of the Property.

### **3.2.4 EPA RCRA non-CORRACTS Treatment, Storage, and Disposal Facilities**

RCRA non-CORRACTS Treatment, Storage, and Disposal (TSD) Facilities are those facilities on which treatment, storage, and/or disposal of hazardous wastes takes place, and at which corrective remedial action has not been required by EPA, as defined and regulated by RCRA. ASTM Standards require the identification of RCRA non-CORRACTS TSD Facilities within ½ mile of the subject property. This information is listed in the EDR report under the heading of Resource Conservation and Recovery Information System (RCRIS) TSD Facilities, which are substantively the same. The EDR report did not identify any such facilities within a ½-mile radius of the Property.

### **3.2.5 EPA RCRA Generators List**

The ASTM Standards require the identification of RCRA generators on or adjacent to the subject property. RCRIS includes information on facilities that generate, transport, store, treat and/or dispose of hazardous wastes as defined and regulated by RCRA, and as listed in the EDR report. The EDR report showed 11 RCRIS small quantity generators (SQGs) within ¼ mile of the site. The SQGs include:

- Aickinstrut Incorporated                      2901 West Commodore Way
- ASKO Hydraulic Repair                      2805 West Commodore Way
- Icicle Seafoods, Inc.                      2752 West Commodore Way  
    (no longer in operation)                      (also listed as 2770 West Commodore Way)

- Northwest Awning Fabric, Inc. 2600 West Commodore Way
- Tosco Corp Seattle Terminal 2740 West Commodore Way
- Seattle Port Maritime Industries 2700 West Commodore Way
- U.S. DOT CG Support Center 2700 West Commodore Way
- Sea Coast Towing, Inc. 2700 West Commodore Way
- Rapp Hydema U.S., Inc. 4433 27th Avenue West
- Abella Woodworking, Inc. 2600 West Commodore Way
- Gilman Pl Waste Pain 4439 Gilman PL W

### **3.2.6 Federal Emergency Response Notification System (ERNS) List**

The ERNS list records and stores information on reported releases of oil and hazardous substances. The ASTM Standards require the identification of ERNS on the subject property. According to the EDR report, the Property was not identified on the ERNS list.

### **3.2.7 State Hazardous Waste List**

The State of Washington lists potential or confirmed hazardous substance release properties on Ecology's Confirmed and Suspected Contaminated Sites List (CSCSL) Database. The ASTM Standard requires the identification of these sites within 1 mile of subject property. There were 20 sites on the CSCSL identified within 1 mile of the Property. The sites listed on the EDR report are:

- Springer Dave 4459 26th Avenue West
- Washington Marine Engine Co. 4403 24th Avenue West (listed twice on database)
- U.S. Army COE 3015 NW 54th Street
- Dyno Battery Co. 4248 23rd Avenue West
- NW Market Street Site 2801 NW Market Street
- Salmon Bay Center 5301-5309 Shilshole Avenue
- Weiman Property 5332 Ballard Avenue NW
- Thordarson Property 2200 West Emerson Place
- Chevron 60090968 2021 NW Market Street
- Ballard Auto Wrecking 1515 NW Leary Way
- Ballard Recycling 1509 NW 49th Street
- Interbay Prints 1809 West Emerson
- Discovery Park Old Maint Yd Discovery Park 40th West
- The Tux Shop 5409 15th Avenue NW

- Mamco MFG Bldg. 1415/1427 NW 49th Street (listed twice)
- General Disposal Corp. 1415 NW Ballard Way
- Bardahl 1400 NW 52nd Street
- Anderson Marine Repair 2360 West Commodore Way

### **3.2.8 EPA Leaking Underground Storage Tank (LUST) Sites**

The LUST list shows the sites containing one or more underground storage tanks that have been identified as having leaked or are potentially leaking their contents into the ground or groundwater. The ASTM Standards require the identification of LUST sites within ½ mile of the subject property. There are eight LUST Sites within ½ mile of the Property. The sites listed in the EDR report are:

- Time Oil Co. 2754 West Commodore Way
- Time Oil Co. 2750 West Commodore Way
- USCG Support Center 2700 West Commodore Way
- Time Oil Co. 3031 West Commodore Way
- Ric's Automotive and Texaco 3317 West Government Way
- Hiram Chittenden Locks 3015 Northwest 54th Street
- Northwest Market Street 2801 NW Market Street
- Sabroe Refrigeration Inc. 4401 23rd Avenue West

The LUST sites at 2754, 2750, and 3031 West Commodore Way have been remediated but not reviewed by Ecology. Available documents on these sites have been reviewed. No further action was recommended by the remediation contractors at each site, with the exception of the site at 2750 West Commodore Way. The LUST will continue to appear on this list until Ecology reviews the Property and closes the case.

### **3.2.9 EPA Underground Storage Tank (UST) Sites**

The UST list shows sites containing one or more USTs that have been identified as being located on the subject property. The ASTM Standards require the identification of USTs on the subject property and adjoining properties. There are five USTs within ¼ mile of the Property. The sites listed in the EDR report are:

- Time Oil Co. 2754 West Commodore Way
- Time Oil Co. 2752 West Commodore Way
- USCG Support Center 2700 West Commodore Way

- Time Oil Co. 3031 West Commodore Way
- Northwest Instrument Co. 2525 West Commodore Way

The UST shown at 2754 West Commodore Way is the same UST as the former UST at 2752 West Commodore Way. An administrative error has listed the LUST with two addresses. The UST will continue to appear on this list until Ecology reviews the Property and closes the case.

### **3.2.10 Solid Waste/Landfill Facilities**

Solid waste/landfill facilities are those sites that currently accept, or have accepted in the past, waste of any kind for disposal on site. The ASTM Standards require the identification of solid waste/landfill sites within ½ mile of the subject property. The EDR report did not identify any such sites within ½ mile of the Property.

## **4. CONCLUSIONS AND RECOMMENDATIONS**

Foster Wheeler Environmental conducted a Phase I ESA of the Property at 2737 West Commodore Way, Seattle, Washington. The purpose of this Phase I ESA was to identify, to the extent feasible pursuant to the processes described herein, recognized environmental conditions, if any, associated with the Property. Our findings are summarized as follows.

According to available information, the Property has been used as a petroleum storage facility since the late 1930s. Several past operations on the Property have led to subsurface contamination that has not been fully defined. Remedial actions were conducted in 1991 (UST removal) and 1999 (additional site characterization). The results of these investigations show that petroleum-impacted groundwater is present beneath the Property and that additional site assessment activities may be necessary to determine the extent of contamination.

Foster Wheeler Environmental recommends that the following additional site investigation activities be conducted:

### **Groundwater Sampling**

- Sample five existing groundwater monitoring wells and analyze for the presence of petroleum hydrocarbon constituents, pentachlorophenol, and lead.



## Soil Borings

- Drill a minimum of three soil borings in the vicinity of the Rail Spur in the upper tank yard. Analyze soil samples for the presence of petroleum hydrocarbon constituents and total lead.
- Drill a minimum of four soil borings in the vicinity of the Rail Spur on the south side of the warehouse. Analyze soil samples for the presence of petroleum hydrocarbon constituents, pentachlorophenol, and total lead.
- Drill a minimum of three soil borings in the vicinity of the former ASTs north of warehouse. Analyze soil samples for the presence of petroleum hydrocarbon constituents, pentachlorophenol, and total lead.
- Drill a minimum of six soil borings in the vicinity of the former barreling shed. Analyze soil samples for the presence of petroleum hydrocarbon constituents, pentachlorophenol, and total lead.
- Drill a minimum of three soil borings in the vicinity of the new barreling shed. Analyze soil samples for the presence of petroleum hydrocarbon constituents, pentachlorophenol, and total lead.
- Drill a minimum of four soil borings in the vicinity of the tank yard. Analyze soil samples for the presence of petroleum hydrocarbon constituents and total lead.
- Drill a minimum of five soil borings in the vicinity of the former LUST at the NE corner of the office building. Analyze soil samples for the presence of petroleum hydrocarbon constituents, pentachlorophenol, and total lead.

## Groundwater Wells

- Complete three soil borings in the vicinity of the former LUST at the NE corner of the office building, as groundwater monitoring wells.
- Sample groundwater and analyze for the following parameters:
  - Total petroleum hydrocarbons - gasoline
  - Total petroleum hydrocarbons – diesel and residual range organics (heavy oils)
  - Total dissolved lead
  - Pentachlorophenol

### 4.1 LIMITATIONS

This report is prepared for the sole use of TOC, pursuant to their contract with Foster Wheeler Environmental. The scope of work and the findings should not be considered suitable for other potential users and any use by other parties shall be at their sole risk.

This report is based on the review of limited data, as described herein, in accordance with generally accepted professional practices applicable to work of similar nature and complexity in similar localities, at the time the services were performed. No warranty, expressed or implied, is made. The scope of this report is limited in nature and intended to provide a preliminary evaluation of the current conspicuous environmental conditions at the Property at the time of the report. It does not constitute definitive or in-depth review of all the potential environmental impairments and situations. Foster Wheeler Environmental assumes no responsibility for conditions of which it is unaware and/or as to which there was no opportunity or request for review.

It is important to recognize that even the most comprehensive scope of services may not detect all the environmental liabilities at a particular site. Therefore, nothing herein shall be construed as a representation or certification that the Property is either fully characterized or is free of environmental impairments and/or contamination.

In order to conduct the investigation for this report, Foster Wheeler Environmental relied upon readily available information, as discussed in the report, and unless explicitly included in our scope, included no verification of the accuracy or completeness of documentation or data, or possible withholding of information by the interviewees, agencies, or other parties. [Please also refer to the EDR Disclaimer.]

## 5. REFERENCES

- EDR (Environmental Data Resources). 2000. The EDR-Radius Map with GeoCheck<sup>®</sup>, prepared for Time Oil Company. Inquiry Number 502304.1s. June 2, 2000.
- EPA (United States Environmental Protection Agency). 2000. CERCLIS, RODS, & Archive (NFRAP) Information Database. Downloaded June 19, 2000.  
[www.epa.gov/superfund/sites/cursites/index.htm](http://www.epa.gov/superfund/sites/cursites/index.htm).
- IT (IT Corporation). 2000. Site Assessment Report, Time Oil Co. Site 2737, 2750 West Commodore Way, Seattle, Washington. March 8, 2000.
- National Priorities List (NPL) Sites in Washington. Downloaded June 19, 2000.  
[www.epa.gov/superfund/sites/npl/wa.htm](http://www.epa.gov/superfund/sites/npl/wa.htm).

TOC (Time Oil Company). 1991. Underground Storage Tank Site Check/Site Assessment at Seattle Terminal, 2737 West Commodore Way, Seattle, Washington – Property No. 01-228. December 30, 1991.

TOC. 2000. Transmittal of Site Assessment Report, Time Oil Co. Property No. 01-600; Seattle Terminal Service USTs, 2737 West Commodore Way, Seattle, Washington. May 25, 2000.

Washington State Department of Ecology Web Site. Downloaded on May 12, 2000. Facility/Site Identification System. [www.wa.gov/ecology/iss/fsweb/fshelp.html](http://www.wa.gov/ecology/iss/fsweb/fshelp.html).

**APPENDIX A**

**PROPERTY PHOTOGRAPHS**

**Property Photographs: 2737 West Commodore Way**

1. Looking southeast at tank farm and office building.
2. Looking east along axis of former barrel shed; boiler house in background.
3. Looking north towards ship canal; TOC dock on the left.
4. Looking south at TOC pipeline on 2750 West Commodore Way.
5. Looking east towards warehouse.
6. Drums stored west of new barrel shed.
7. Looking east from front of barrel shed, wood slats mark rails of former barrel operation.
8. Looking south towards warehouse.
9. Looking south, new barrel shed in center of photograph.
10. Pump shed on west side of tank farm.
11. Fuel dispensers on east side of office building.
12. Outside overhead fuel loading rack.
13. Newer inside overhead fuel loading rack.
14. Pipelines in lower yard of tank farm.
15. Base of large AST; black material is dried petroleum product.
16. Looking north into lower yard of tank farm.
17. Looking south into upper yard of tank farm.
18. West wall of upper yard of tank farm, misc. pipes from hillside.
19. Looking west along former spur of rail line.
20. Looking southeast along former spur of rail line.
21. Looking west along former spur of rail lines behind warehouse. Pipe surfacing at ground used to receive fuel from off-loading tankers.
22. Looking east along former spur of rail lines behind warehouse.















10.

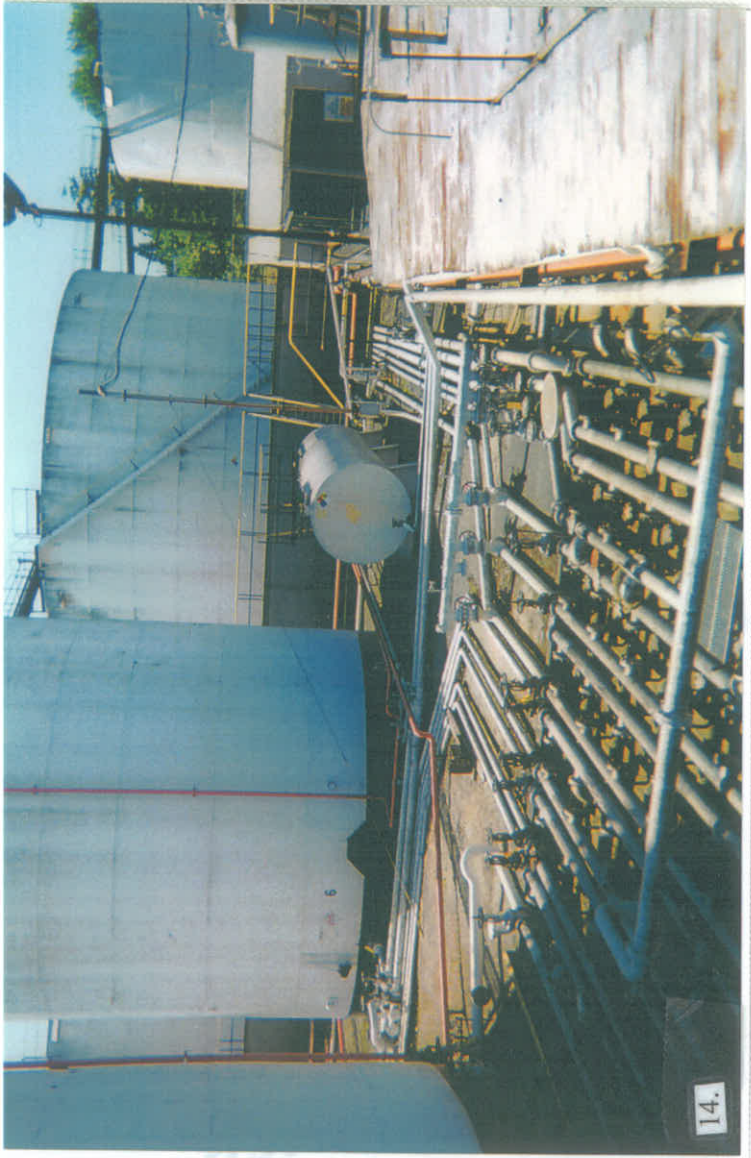


11.



12.

















**APPENDIX B**

**HISTORICAL PHOTOGRAPHS**

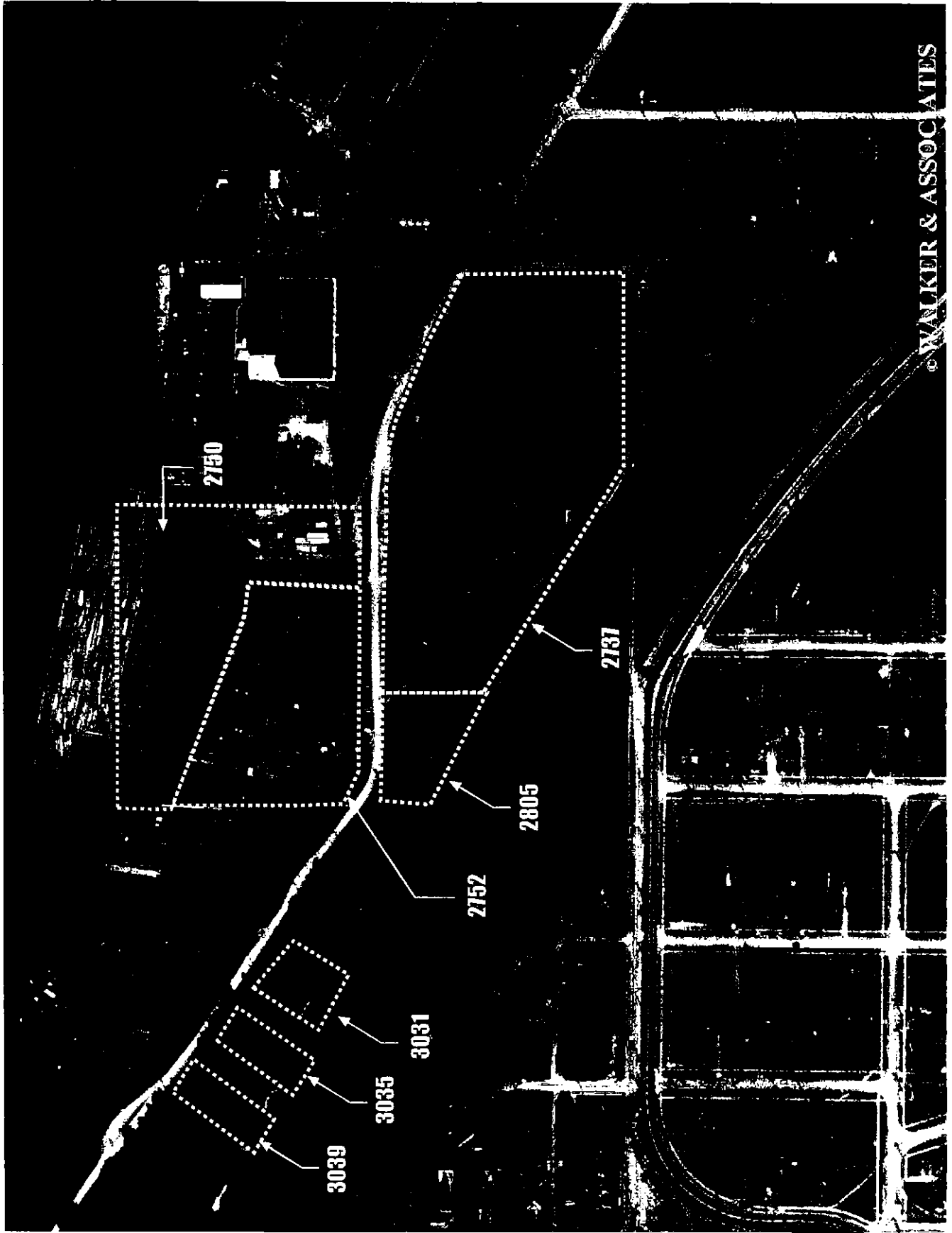


Figure B-1 Aerial Photo of West Commodore Way (1936)



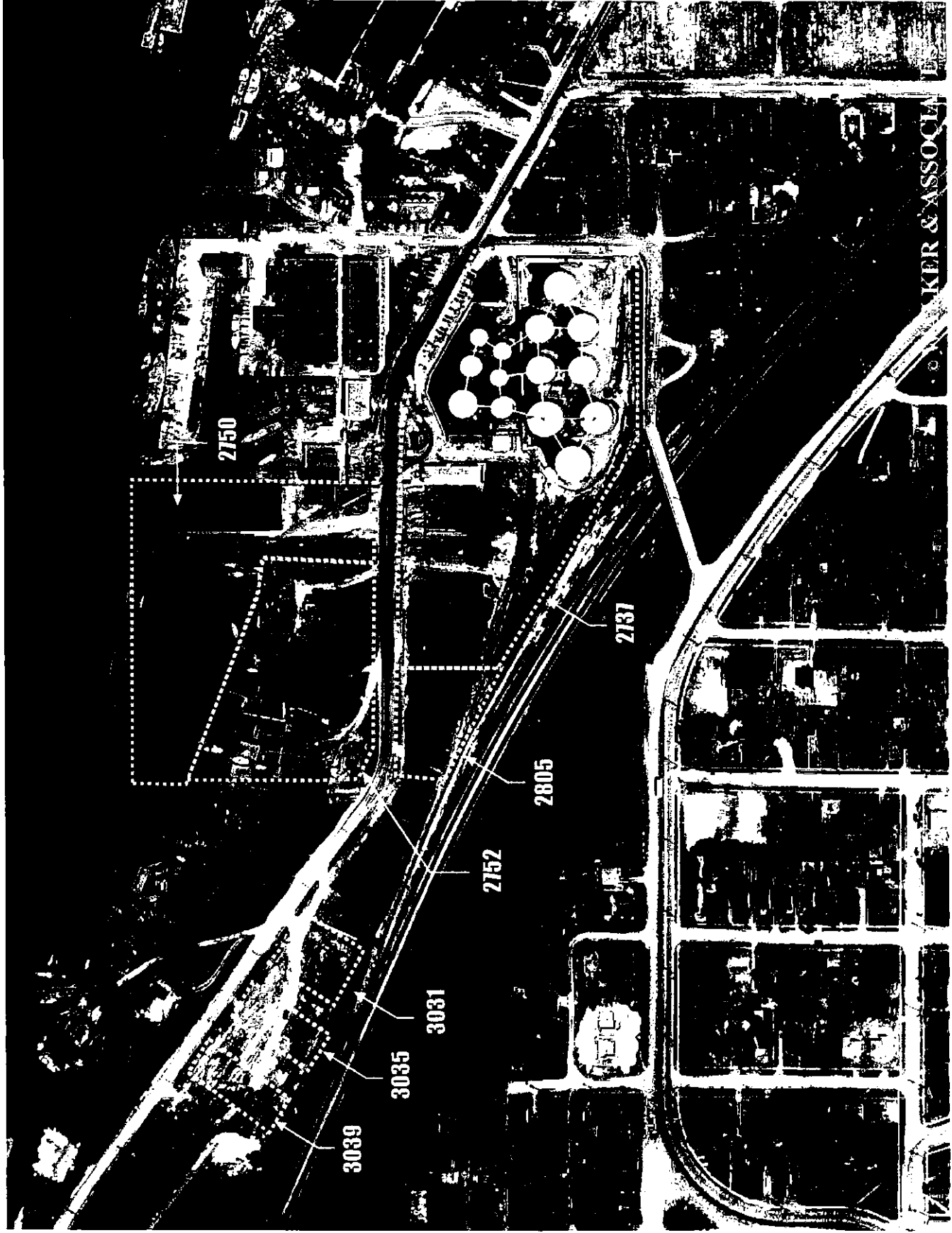


Figure B-2 Aerial Photo of West Commodore Way (1946)

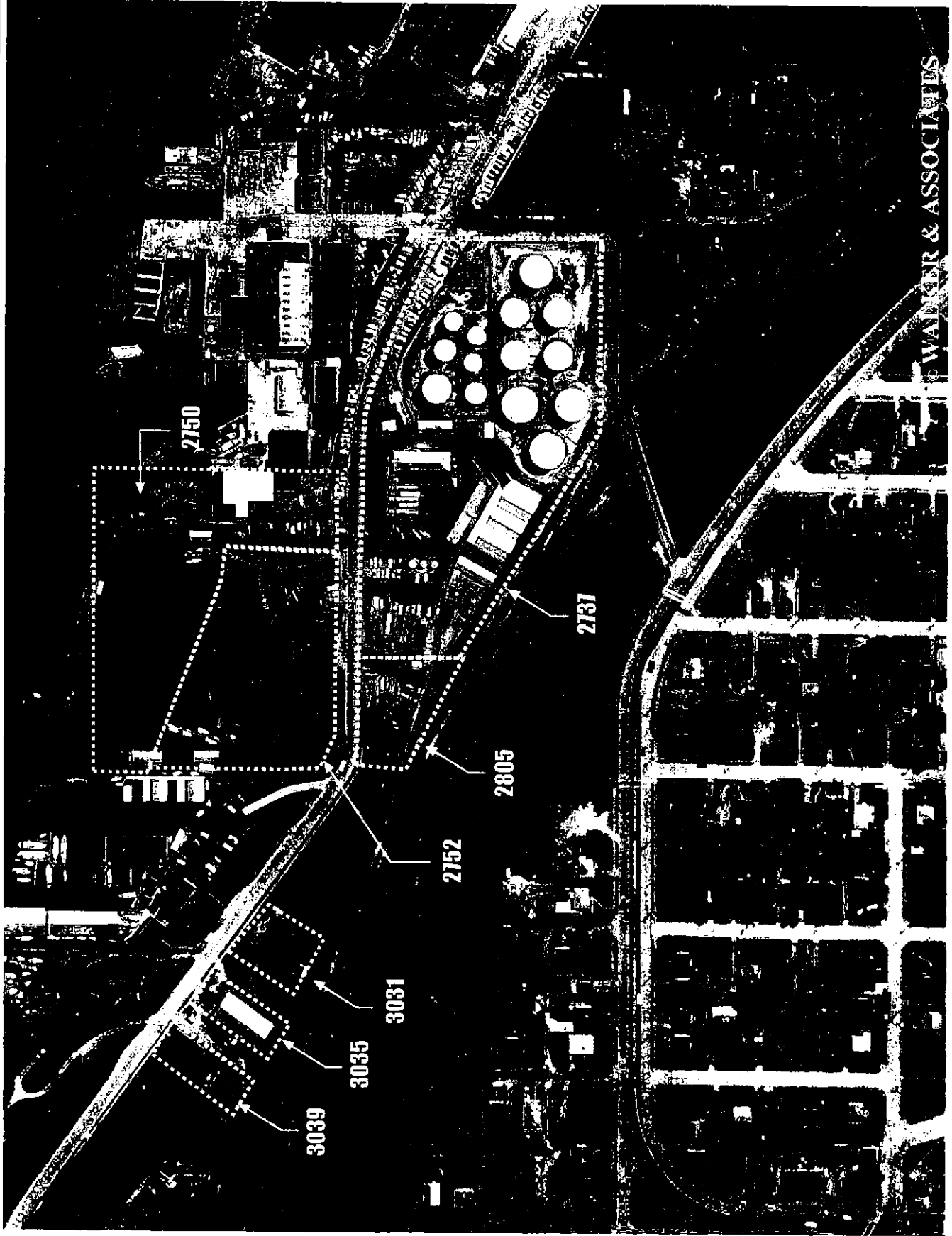


Figure B-3 Aerial Photo of West Commodore Way (1960)

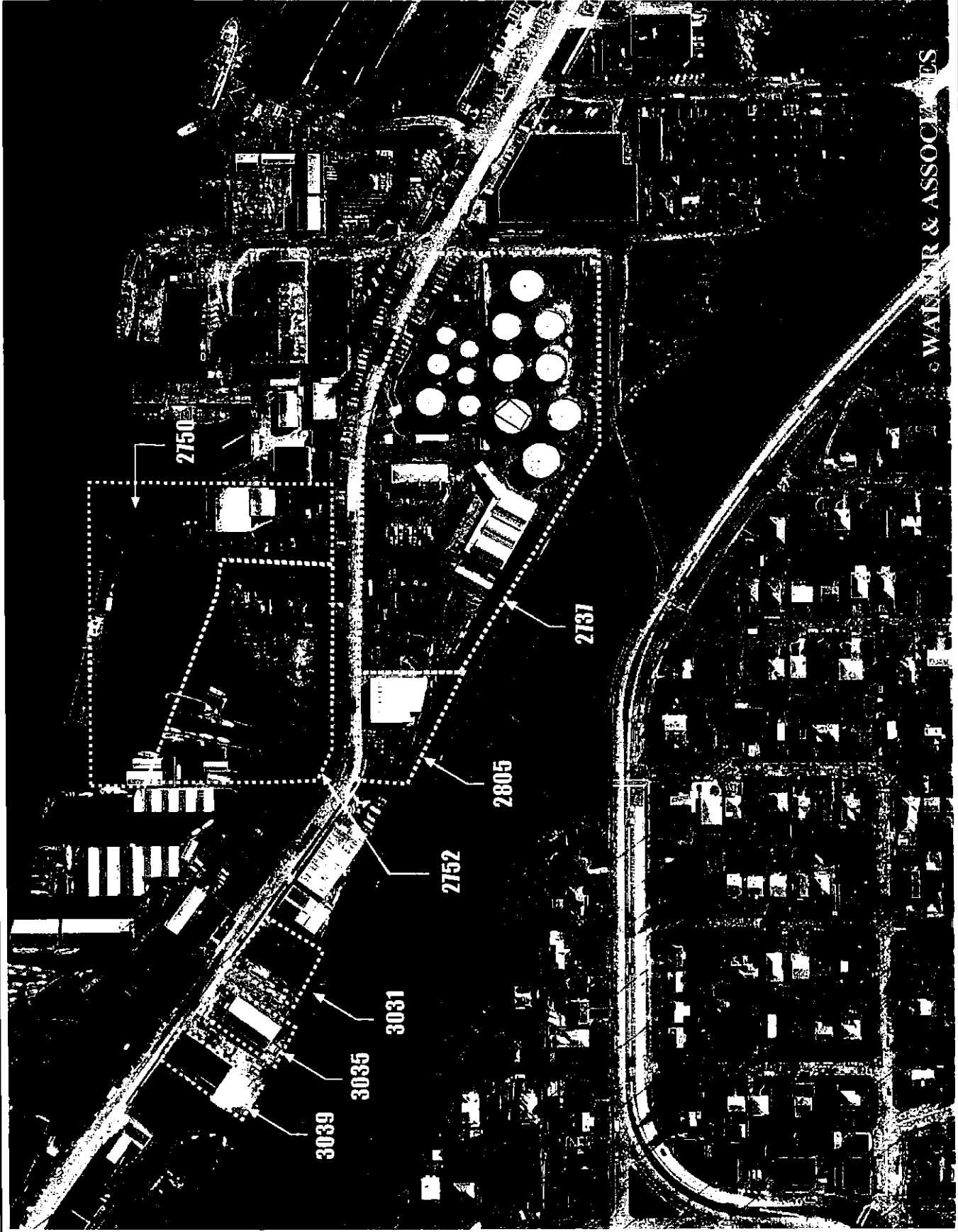


Figure B-4 Aerial Photo of West Commodore Way (1974)

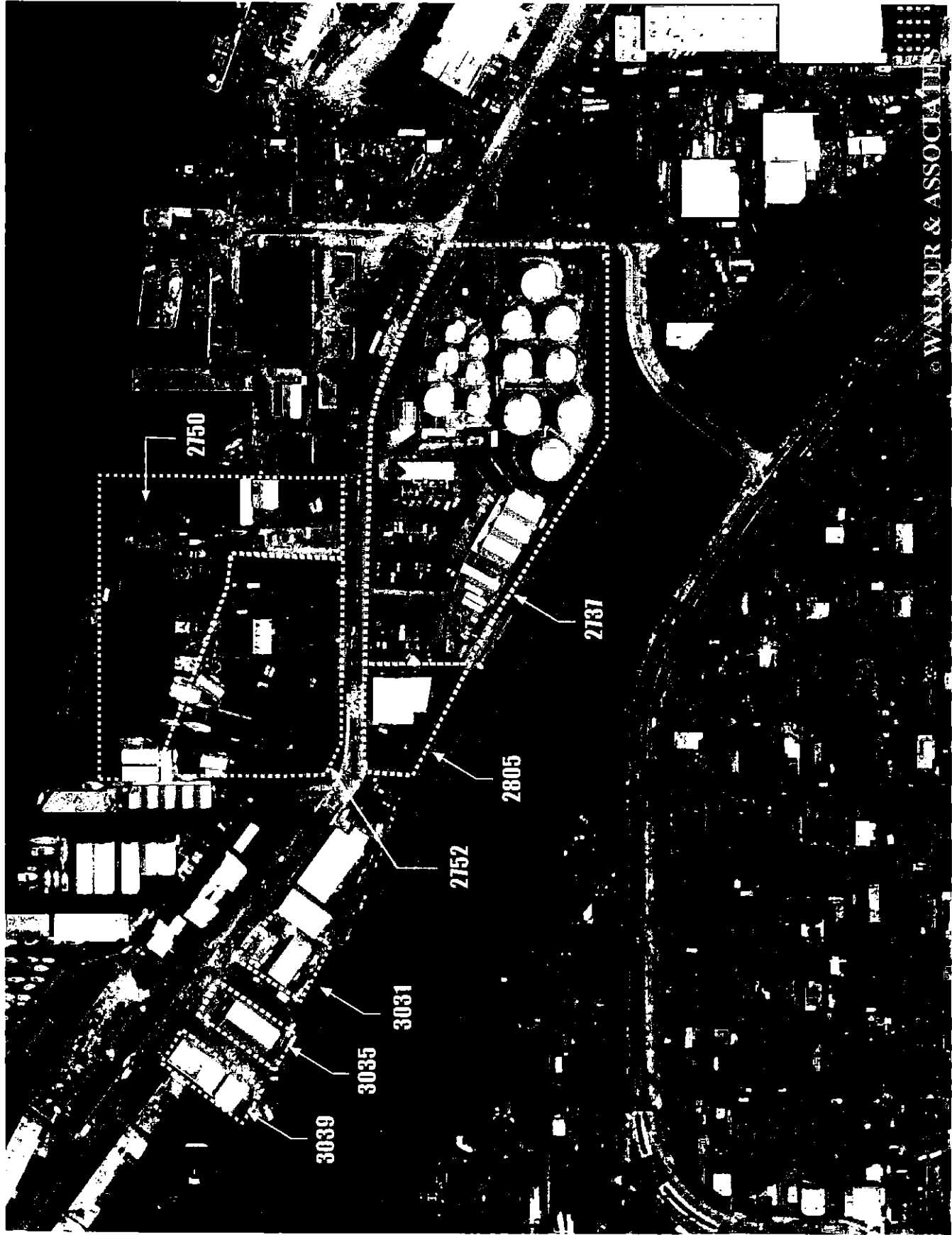


Figure B-5 Aerial Photo of West Commodore Way (1997)

**APPENDIX C**

**EDR REPORT**



## **The EDR-Radius Map with GeoCheck®**

**Time Oil Company  
2737 West Commodore Way  
Seattle, WA 98199**

**Inquiry Number: 502304.1s**

**June 02, 2000**

## ***The Source For Environmental Risk Management Data***

3530 Post Road  
Southport, Connecticut 06490

### **Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

# TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	5
Orphan Summary .....	95

## GEOCHECK ADDENDUM

Physical Setting Source Addendum .....	A-1
Physical Setting Source Summary .....	A-2
Physical Setting Source Map .....	A-7
Physical Setting Source Map Findings .....	A-8
Physical Setting Source Records Searched .....	A-13

***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

### Disclaimer and Other Information

This Report contains information obtained from a variety of public and other sources and Environmental Data Resources, Inc. (EDR) makes no representation or warranty regarding the accuracy, reliability, quality, suitability, or completeness of said information or the information contained in this report. The customer shall assume full responsibility for the use of this report.

**NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, EXPRESSED OR IMPLIED, SHALL APPLY AND EDR SPECIFICALLY DISCLAIMS THE MAKING OF SUCH WARRANTIES. IN NO EVENT SHALL EDR BE LIABLE TO ANYONE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES. COPYRIGHT (C) 2000 BY ENVIRONMENTAL DATA RESOURCES, INC. ALL RIGHTS RESERVED.**

Unless otherwise indicated, all trademarks used herein are the property of Environmental Data Resources, Inc. or its affiliates.





## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-97. Search distances are per ASTM standard or custom distances requested by the user.

### TARGET PROPERTY ADDRESS

2737 WEST COMMODORE WAY  
SEATTLE, WA 98199

### TARGET PROPERTY COORDINATES

Latitude (North): 47.662390 - 47° 39' 44.6"  
Longitude (West): 122.391970 - 122° 23' 31.1"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 545652.8  
UTM Y (Meters): 5278737.5

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2447122-F4 SHILSHOLE BAY, WA  
Source: USGS 7.5 min quad index

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 5 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
TIME OIL 2737 COMMODORE WAY TIME OIL 2737 COMMODORE WAY SEATTLE, WA	ERNS	N/A
TIME OIL CO. 2737 WEST COMMODORE WAY TIME OIL CO. 2737 WEST COMMODORE WAY SEATTLE, WA	ERNS	N/A
TIME OIL CO SEATTLE TERMINAL 2737 W COMMODORE WAY SEATTLE, WA 98199	RCRIS-SQG FINDS UST LUST	WAD009591207
TIME OIL #01 228 2737 W COMMODORE WAY SEATTLE, WA 98199	WA ICR	N/A
TIME OIL #01 228 (FOUR REPORTS) 2737 W COMMODORE WAY SEATTLE, WA 98199	WA ICR	N/A

### SURROUNDING SITES: DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ( "reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-97 search radius around the target property for the following Databases:

### FEDERAL ASTM STANDARD

NPL:..... National Priority List

## EXECUTIVE SUMMARY

**Delisted NPL:**..... NPL Deletions  
**CERCLIS:**..... Comprehensive Environmental Response, Compensation, and Liability Information System  
**CORRACTS:**..... Corrective Action Report  
**RCRIS-TSD:**..... Resource Conservation and Recovery Information System  
**RCRIS-LQG:**..... Resource Conservation and Recovery Information System

### STATE ASTM STANDARD

**SWF/LF:**..... Solid Waste Facility Database

### FEDERAL ASTM SUPPLEMENTAL

**CONSENT:**..... Superfund (CERCLA) Consent Decrees  
**ROD:**..... ROD  
**HMIRS:**..... Hazardous Materials Information Reporting System  
**MLTS:**..... Material Licensing Tracking System  
**MINES:**..... Mines Master Index File  
**NPL Lien:**..... NPL Liens  
**PADS:**..... PCB Activity Database System  
**RAATS:**..... RCRA Administrative Action Tracking System  
**TRIS:**..... Toxic Chemical Release Inventory System  
**TSCA:**..... Toxic Substances Control Act

### STATE OR LOCAL ASTM SUPPLEMENTAL

**Air Emissions:**..... Wa Air Emissions (EMI)

### EDR PROPRIETARY DATABASES

**Coal Gas:**..... Former Manufactured gas (Coal Gas) Sites.

### SURROUNDING SITES: DATABASES WITH MAPPED SITES

Unmapped (orphan) sites are not considered in the foregoing analysis.

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

### FEDERAL ASTM STANDARD

**CERCLIS-NFRAP:** As of February 1995. CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund Action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA

## EXECUTIVE SUMMARY

does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

A review of the CERC-NFRAP list, as provided by EDR, and dated 02/14/2000 has revealed that there is 1 CERC-NFRAP site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>SEATTLE PORT MARITIME INDUSTRI</b>	<b>2700 W COMMODORE WAY CG</b>	<b>0 - 1/8 E</b>	<b>D18</b>	<b>13</b>

**RCRIS:** The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 12/22/1999 has revealed that there are 11 RCRIS-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>AICKINSTRUT INC</b>	<b>2901 W COMMODORE WAY</b>	<b>0 - 1/8 NW</b>	<b>6</b>	<b>8</b>
<b>ASKO HYDRAULIC REPAIR A DIV OF</b>	<b>2805 W COMMODORE WAY</b>	<b>0 - 1/8 ENE</b>	<b>B7</b>	<b>8</b>
<b>ICICLE SEAFOODS INC</b>	<b>2770 W COMMODORE WAY</b>	<b>0 - 1/8 E</b>	<b>B8</b>	<b>8</b>
<b>NORTHWEST AWNING FABRIC INC</b>	<b>2600 W COMMODORE WAY MD</b>	<b>0 - 1/8 ESE</b>	<b>9</b>	<b>9</b>
<b>TOSCO CORP SEATTLE TERM</b>	<b>2740 W COMMODORE WAY</b>	<b>0 - 1/8 E</b>	<b>C15</b>	<b>11</b>
<b>SEATTLE PORT MARITIME INDUSTRI</b>	<b>2700 W COMMODORE WAY CG</b>	<b>0 - 1/8 E</b>	<b>D18</b>	<b>13</b>
<b>US DOT CG SEATTLE SUPPORT CTR</b>	<b>2700 W COMMODORE WAY</b>	<b>0 - 1/8 E</b>	<b>D19</b>	<b>14</b>
<b>SEA COAST TOWING INC</b>	<b>2700 W COMMODORE WAY</b>	<b>0 - 1/8 E</b>	<b>D20</b>	<b>14</b>
<b>RAPP HYDEMA US INC</b>	<b>4433 27TH AVE W</b>	<b>1/8 - 1/4 SE</b>	<b>22</b>	<b>15</b>
<b>ABELLA WOODWORKING INC</b>	<b>2600 W COMMODORE WAY</b>	<b>1/8 - 1/4 ESE</b>	<b>E24</b>	<b>19</b>
<b>GILMAN PL WASTE PAIN</b>	<b>4439 GILMAN PL W</b>	<b>1/8 - 1/4 SE</b>	<b>26</b>	<b>20</b>

### STATE ASTM STANDARD

**CSCSL:** The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Ecology's Confirmed & Suspected Contaminated Sites List.

A review of the CSCSL list, as provided by EDR, has revealed that there are 20 CSCSL sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>SPRINGER DAVID</b>	<b>4459 26TH AV W</b>	<b>1/8 - 1/4 ESE</b>	<b>E23</b>	<b>16</b>
<b>WASHINGTON MARINE ENG CORP</b>	<b>4403 24TH AVE W</b>	<b>1/4 - 1/2 SE</b>	<b>F29</b>	<b>21</b>
<b>WASHINGTON MARINE ENG CORP</b>	<b>4403 24TH AVE W</b>	<b>1/4 - 1/2 SE</b>	<b>F30</b>	<b>22</b>
<b>USARMY COE LAKE WASHINGTON SHI</b>	<b>3015 NW 54TH ST</b>	<b>1/4 - 1/2 NNW</b>	<b>J41</b>	<b>35</b>
<b>DYNO BATTERY CO</b>	<b>4248 23RD AVE W</b>	<b>1/4 - 1/2 SE</b>	<b>43</b>	<b>39</b>
<b>NW MARKET ST SITE</b>	<b>2801 NW MARKET ST</b>	<b>1/4 - 1/2 N</b>	<b>K44</b>	<b>41</b>
<b>SALMON BAY CENTER</b>	<b>5301-5309 SHILSHOLE AV</b>	<b>1/4 - 1/2 NE</b>	<b>M52</b>	<b>49</b>
<b>WEIMAN PROPERTY</b>	<b>5332 BALLARD AV NW</b>	<b>1/2 - 1 NE</b>	<b>53</b>	<b>51</b>
<b>THORDARSON PROPERTY</b>	<b>2200 W EMERSON PL</b>	<b>1/2 - 1 SE</b>	<b>54</b>	<b>54</b>
<b>CHEVRON 60090968</b>	<b>2021 NW MARKET ST</b>	<b>1/2 - 1 NE</b>	<b>55</b>	<b>55</b>
<b>BALLARD AUTO WRECKING</b>	<b>1515 NW LEARY WAY</b>	<b>1/2 - 1 E</b>	<b>56</b>	<b>58</b>

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BALLARD RECYCLING	1509 NW 49TH ST	1/2 - 1 E	57	63
<b>INTERBAY PRINTS450-1-2 LS50 1S</b>	<b>1809 W EMERSON</b>	<b>1/2 - 1 SE</b>	<b>58</b>	<b>67</b>
DISCOVERY PARK OLD MAINT YD	DISCOVERY PARK 40TH W W	1/2 - 1 SW	59	75
THE TUX SHOP	5409 15TH AVE NW	1/2 - 1 ENE	60	76
MAMCO MFG BLDGS B&C	1415 / 1427 NW 49TH S	1/2 - 1 E	61	78
<b>GENERAL DISPOSAL CORP</b>	<b>1415 NW BALLARD WAY</b>	<b>1/2 - 1 E</b>	<b>62</b>	<b>81</b>
<b>MAMCO MFG BLDG A</b>	<b>1411 NW 50TH ST</b>	<b>1/2 - 1 ENE</b>	<b>63</b>	<b>86</b>
<b>BARDAHL</b>	<b>1400 NW 52ND ST</b>	<b>1/2 - 1 ENE</b>	<b>64</b>	<b>89</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>ANDERSON MARINE REPAIR INC</b>	<b>2360 W COMMODORE WAY</b>	<b>1/4 - 1/2ESE</b>	<b>35</b>	<b>28</b>

**LUST:** The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Ecology's Leaking Underground Storage Tanks Site List.

A review of the LUST list, as provided by EDR, and dated 03/22/2000 has revealed that there are 8 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>TIME OIL CO.</b>	<b>2754 W COMMODORE WAY</b>	<b>0 - 1/8 E</b>	<b>C10</b>	<b>9</b>
TIME OIL VEHICLE MAINTENANCE	2750 W COMMODORE WY	0 - 1/8 E	C13	10
<b>USCG SUPPORT CENTER NORTH BASE</b>	<b>2700 WEST COMMODORE WAY</b>	<b>0 - 1/8 E</b>	<b>D16</b>	<b>11</b>
<b>TIME OIL CO</b>	<b>3031 W COMMODORE WAY</b>	<b>0 - 1/8 WNW</b>	<b>21</b>	<b>15</b>
<b>RIC'S AUTOMOTIVE &amp; TEXACO INC</b>	<b>3317 W GOVERNMENT WAY</b>	<b>1/4 - 1/2 WSW</b>	<b>G32</b>	<b>25</b>
<b>HIRAM M CHITTENDEN LOCKS</b>	<b>3015 NORTHWEST 54TH STR</b>	<b>1/4 - 1/2 N</b>	<b>J42</b>	<b>37</b>
<b>NORTHWEST MARKET STREET</b>	<b>2801 NW MARKET ST</b>	<b>1/4 - 1/2 N</b>	<b>K45</b>	<b>43</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>SABROE REFRIGERATION INC</b>	<b>4401 23RD AVE W</b>	<b>1/4 - 1/2ESE</b>	<b>I38</b>	<b>34</b>

**UST:** The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Ecology's Statewide UST Site/Tank Report.

A review of the UST list, as provided by EDR, and dated 03/22/2000 has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>TIME OIL CO.</b>	<b>2754 W COMMODORE WAY</b>	<b>0 - 1/8 E</b>	<b>C10</b>	<b>9</b>
TIME OIL CO.	2752 W COMMODORE WAY	0 - 1/8 E	C11	10
<b>USCG SUPPORT CENTER NORTH BASE</b>	<b>2700 WEST COMMODORE WAY</b>	<b>0 - 1/8 E</b>	<b>D16</b>	<b>11</b>
<b>TIME OIL CO</b>	<b>3031 W COMMODORE WAY</b>	<b>0 - 1/8 WNW</b>	<b>21</b>	<b>15</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NORTHWEST INSTRUMENT CO INC	2525 W COMMODORE WAY	1/8 - 1/4 ESE	25	20

## EXECUTIVE SUMMARY

### STATE OR LOCAL ASTM SUPPLEMENTAL

**ICR:** These are remedial action reports Ecology has received from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree.

A review of the WA ICR list, as provided by EDR, has revealed that there are 21 WA ICR sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>TIME OIL CO.</b>	<b>2754 W COMMODORE WAY</b>	<b>0 - 1/8 E</b>	<b>C10</b>	<b>9</b>
ICICLE SEAFOODS (TIME OIL COMP	2752 W COMMODORE WAY	0 - 1/8 E	C12	10
TIME OIL VEHICLE MAINTENANCE (	2750 W COMMODORE WAY	0 - 1/8 E	C14	11
US COAST GUARD	2700 W COMMODORE WAY	0 - 1/8 E	D17	13
<b>TIME OIL CO</b>	<b>3031 W COMMODORE WAY</b>	<b>0 - 1/8 WNW</b>	<b>21</b>	<b>15</b>
PACIFIC COAST - HEMPHILL	4410 24TH AVE W	1/4 - 1/2SE	F27	20
UNOCAL/COMMODORE LOAD RACK	4410 24TH AVE W	1/4 - 1/2SE	F28	21
<b>GILMAN APARTMENTS</b>	<b>4403 GILMAN AVENUE W</b>	<b>1/4 - 1/2SSE</b>	<b>31</b>	<b>23</b>
TEXACO	3317 W GOVERNMENT WAY	1/4 - 1/2WSW	G33	27
TYSON SEAFOOD GROUP (TWO REPOR	4250 24TH AVE W	1/4 - 1/2SE	H36	33
<b>TYSON SEAFOOD GROUP INC</b>	<b>4250 24TH AVE W</b>	<b>1/4 - 1/2SE</b>	<b>H37</b>	<b>33</b>
HIRAM CHITTENDON LOCKS	3015 NW 54TH ST	1/4 - 1/2NNW	J40	35
EMIL ASSOCIATES PROPERTY	2801 NW MARKET ST	1/4 - 1/2N	K46	45
<b>EMIL ASSOCIATES</b>	<b>2801 NW MARKET ST</b>	<b>1/4 - 1/2N</b>	<b>K47</b>	<b>46</b>
ARNOLD'S DELI (THREE REPORTS)	2654 NW MARKET ST	1/4 - 1/2NNE	L48	46
ARNOLD'S DELI (TWO REPORTS)	2654 NW MARKET ST	1/4 - 1/2NNE	L49	47
<b>ARNOLD'S DELI AND GAS</b>	<b>2654 NW MARKET ST</b>	<b>1/4 - 1/2NNE</b>	<b>L50</b>	<b>47</b>
C.D. STIMSON CO. - SALMON BAY	5305 SHILSHOLE AVE NW	1/4 - 1/2NE	M51	48
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
JACOBSON TERMINALS/US ARMY COR	5355 28TH AVE NW	1/4 - 1/2N	34	28
<b>SABROE REFRIGERATION INC</b>	<b>4401 23RD AVE W</b>	<b>1/4 - 1/2ESE</b>	<b>I38</b>	<b>34</b>
SABRO REFRIGERATION	4401 23RD AVE W	1/4 - 1/2ESE	I39	35

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

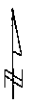
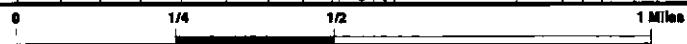
<u>Site Name</u>	<u>Database(s)</u>
PACIFIC CLEANING & CHYEMICAL COMPANY	CSCSL
SOUTH PARK ABANDONED LANDFILL	SWF/LF
GENESEE PARK ABANDONED LANDFILL	SWF/LF
SOUTH TS / SOUTH HHW FACILITY - MRW	SWF/LF
DISCOVER PARK	UST
SAGSTAD MARINA	RCRIS-SQG,WA ICR
2611 NW 54TH ST BALLARD OIL CO	ERNS
BALLARD OIL 5300 26TH AVE NW	ERNS
BALLARD OIL COMPANY 5300 26TH AVE NW	ERNS
BALLARD OIL	ERNS
BALLARD OIL FUEL DOCK 5300 26TH AVE NW LAKE WASHINGTON SHIP	ERNS
BALLARD OIL CO 5300 26TH AVE NW	ERNS
BALLARD OIL DOCK	ERNS
BETWEEN BALLARD OIL & PACIFIC WEST CO.	ERNS
CHEVRON OIL DOCK	ERNS
LAKE UNION BALLARD OIL DOCK	ERNS
LEAKED LUBE OIL & RAIN WASHED SOME MATERIAL INTO THE BAY	ERNS
NOT SURE IF OIL SLICK OR NOT.	ERNS
OIL TERMINAL OF COVITCH AND WILLIAMS/SHILSHOLE AVENUE/BALLAR	ERNS
ROSSOE ENERGY SYSTEMS & OIL	ERNS
SEVERAL SMALL CONTAINERS OF AN OIL OR PAINT THINNER	ERNS
SHEEN SIZE: 500 FT X 60 FT / COLOR: "OLD OIL	ERNS
NIX AUTO WRECKING	WA ICR
CALIFORNIA AVE. LAW APTS. PROP.	WA ICR
MAMCO PROPERTIES/QAF MANUFACTURING, INC.	WA ICR
SR 99 & FIRST AVE. BRIDGE SPILL/WSDOT	WA ICR
KERN & GREENE PROPERTY	WA ICR
NW BOLTS AND NUTS	WA ICR
MEHRER DRYWALL, INC.	WA ICR
BNRR (FORMER GLACIER PARK PROPERTY)	WA ICR
US ARMY - FORT LAWTON	WA ICR
DISCOVERY PARK/SEATTLE PARKS DEPARTMENT	WA ICR
BURLINGTON NORTHERN RAILROAD - BALMER YARD	WA ICR
HATCH AND KIRK INC.	WA ICR
TERMINAL 91	WA ICR

# OVERVIEW MAP - 502304.1s - Foster Wheeler Environmental



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- National Priority List Sites
- Landfill Sites

- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Wetlands per National Wetlands Inventory (1994)

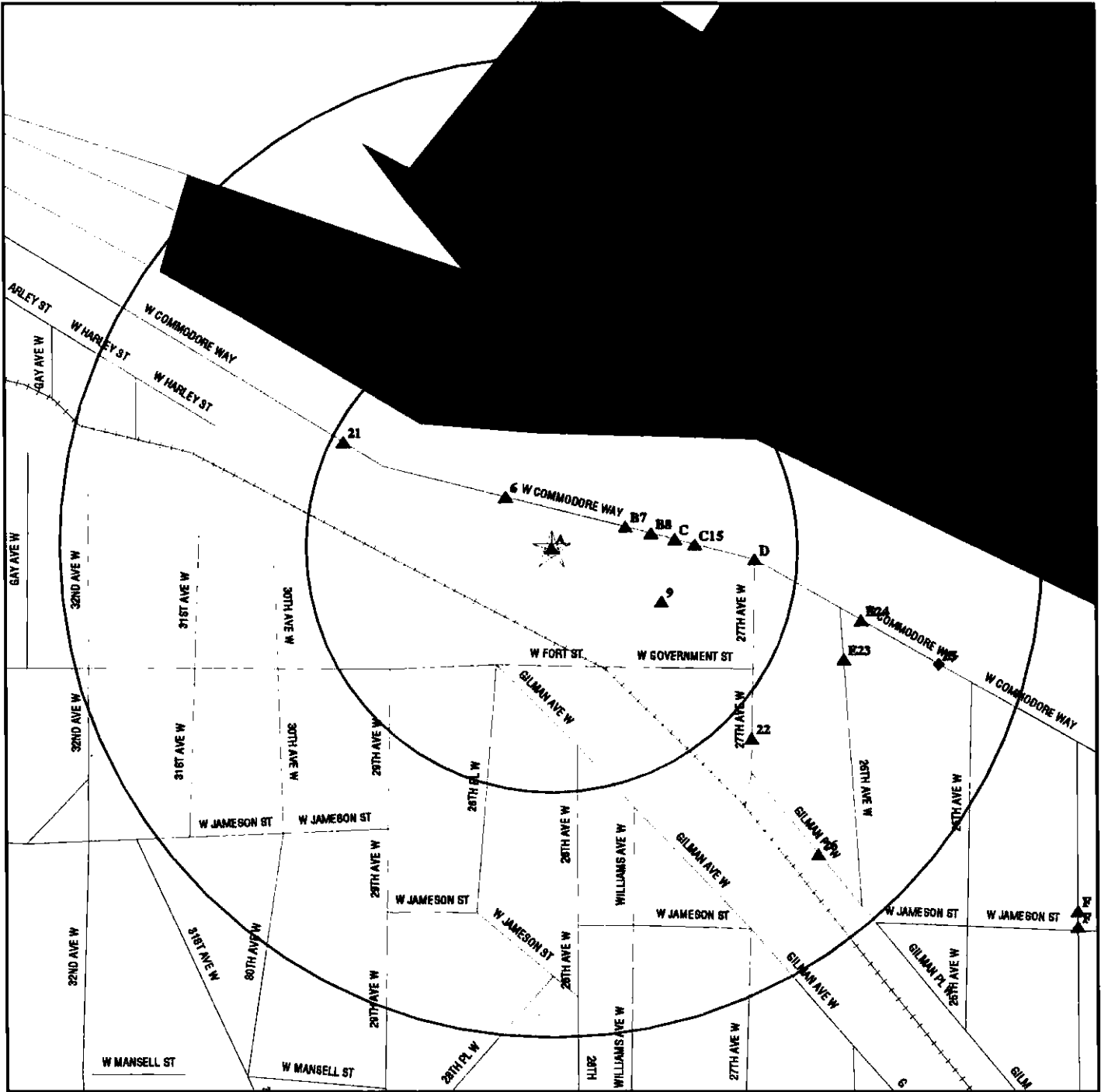


<b>TARGET PROPERTY:</b> <b>ADDRESS:</b> <b>CITY/STATE/ZIP:</b> <b>LAT/LONG:</b>	Time Oil Company 2737 West Commodore Way Seattle WA 98199 47.6624 / 122.3920	<b>CUSTOMER:</b> <b>CONTACT:</b> <b>INQUIRY #:</b> <b>DATE:</b>	Foster Wheeler Environmental Mr. Bryan Graham 502304.1s June 02, 2000 7:42 am
--	---	--	--





# DETAIL MAP - 502304.1s - Foster Wheeler Environmental



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- ⚡ Sensitive Receptors
- ☐ National Priority List Sites
- ☐ Landfill Sites
- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines
- ▨ 100-year flood zone
- 500-year flood zone

<b>TARGET PROPERTY:</b> Time Oil Company <b>ADDRESS:</b> 2737 West Commodore Way <b>CITY/STATE/ZIP:</b> Seattle WA 98199 <b>LAT/LONG:</b> 47.6624 / 122.3920	<b>CUSTOMER:</b> Foster Wheeler Environmental <b>CONTACT:</b> Mr. Bryan Graham <b>INQUIRY #:</b> 502304.1s <b>DATE:</b> June 02, 2000 7:43 am
---	--



## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL ASTM STANDARD</u></b>								
NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	1	0	NR	NR	NR	1
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.	X	0.250	8	3	NR	NR	NR	11
ERNS	X	TP	NR	NR	NR	NR	NR	0
<b><u>STATE ASTM STANDARD</u></b>								
CSCSL		1.000	0	1	7	12	NR	20
State Landfill		0.500	0	0	0	NR	NR	0
LUST	X	0.500	4	0	4	NR	NR	8
UST	X	0.250	4	1	NR	NR	NR	5
<b><u>FEDERAL ASTM SUPPLEMENTAL</u></b>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
<b><u>STATE OR LOCAL ASTM SUPPLEMENTAL</u></b>								
WA ICR	X	0.500	5	0	16	NR	NR	21
Wa Air Emissions (EMI)		TP	NR	NR	NR	NR	NR	0
<b><u>EDR PROPRIETARY DATABASES</u></b>								
Coal Gas		1.000	0	0	0	0	NR	0
AQUIFLOW - see EDR Physical Setting Source Addendum								

TP = Target Property

NR = Not Requested at this Search Distance

\* Sites may be listed in more than one database

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site \_\_\_\_\_ Database(s) \_\_\_\_\_ EDR ID Number \_\_\_\_\_  
 EPA ID Number \_\_\_\_\_

**Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.**

<b>A1</b>	<b>TIME OIL 2737 COMMODORE WAY</b>	<b>ERNS</b>	<b>8859954</b>
<b>Target</b>	<b>TIME OIL 2737 COMMODORE WAY</b>		<b>N/A</b>
<b>Property</b>	<b>SEATTLE, WA</b>		
<b>A5</b>	<b>TIME OIL CO. 2737 WEST COMMODORE WAY</b>	<b>ERNS</b>	<b>8868166</b>
<b>Target</b>	<b>TIME OIL CO. 2737 WEST COMMODORE WAY</b>		<b>N/A</b>
<b>Property</b>	<b>SEATTLE, WA</b>		
<b>A2</b>	<b>TIME OIL CO SEATTLE TERMINAL</b>	<b>RCRIS-SQG</b>	<b>1000197849</b>
<b>Target</b>	<b>2737 W COMMODORE WAY</b>	<b>FINDS</b>	<b>WAD009591207</b>
<b>Property</b>	<b>SEATTLE, WA 98199</b>	<b>UST</b>	
		<b>LUST</b>	

**RCRIS:**

Owner: TIME OIL CO  
 (206) 285-2400

Contact: DONALD BUTLER  
 (206) 285-2400

Record Date: 12/31/1997

Classification: Large Quantity Generator

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 1997

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D006	4000.00	D007	4000.00
D008	4000.00		

Used Oil Recyc: No

Violation Status: No violations found

**LUST:**

Facility ID: 4055 Ecology Region: North Western  
 Release ID: 5698 Release Date: 10/24/1994 0:00  
 Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00  
 Alternate Name: TIME OIL FISHING FLEET MAINTENANCE  
 Affected Media: SOIL

Facility ID: 4055 Ecology Region: North Western  
 Release ID: 2489 Release Date: 9/17/1991 0:00  
 Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00  
 Alternate Name: TIME OIL TERMINAL # 01-228  
 Affected Media: SOIL

Facility ID: 4055 Ecology Region: North Western  
 Release ID: 2489 Release Date: 9/17/1991 0:00  
 Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00  
 Alternate Name: TIME OIL TERMINAL # 01-228  
 Affected Media: GROUND WATER

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

TIME OIL CO SEATTLE TERMINAL (Continued)

1000197849

UST:

Facility ID: 4055  
Install Date: 1/1/1970 0:00  
Capacity: Not reported  
Status: Unknown  
Tank Name: 206  
Tank Material: Not reported  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 4055  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Removed  
Tank Name: 825  
Tank Material: Steel-Unprotected  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 4055  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Removed  
Tank Name: 824  
Tank Material: Steel-Unprotected  
Substance: LEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 4055  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Removed  
Tank Name: 736  
Tank Material: Steel-Unprotected  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 4055  
Install Date: 9/16/1991 0:00  
Capacity: 111 to 1,100 Gallons  
Status: Operational  
Tank Name: 951  
Tank Material: Steel-Unprotected  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**TIME OIL CO SEATTLE TERMINAL (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

1000197849

Facility ID: 4055  
Install Date: 9/16/1991 0:00  
Capacity: 111 to 1,100 Gallons  
Status: Operational  
Tank Name: 951  
Tank Material: Steel-Unprotected  
Substance: Not reported  
Compartment #: 2  
Ecology Region: North Western

Facility ID: 4055  
Install Date: 9/24/1991 0:00  
Capacity: 2,001 TO 4,999 GALLONS  
Status: Operational  
Tank Name: 591  
Tank Material: Steel-Unprotected  
Substance: Not reported  
Compartment #: 2  
Ecology Region: North Western

Facility ID: 4055  
Install Date: 12/31/1964 0:00  
Capacity: 111 to 1,100 Gallons  
Status: Removed  
Tank Name: 202  
Tank Material: Steel-Unprotected  
Substance: LEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 4055  
Install Date: 9/24/1991 0:00  
Capacity: 2,001 TO 4,999 GALLONS  
Status: Operational  
Tank Name: 591  
Tank Material: Steel-Unprotected  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

**A3  
Target  
Property**

**TIME OIL #01 228  
2737 W COMMODORE WAY  
SEATTLE, WA 98199**

**WA ICR**

**S103850958  
N/A**

**WA ICR:**

Date Ecology Received Report: 01/02/1992  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Cause of Contamination: Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-15  
County Code: 17

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

		Database(s)	EDR ID Number EPA ID Number
--	--	-------------	--------------------------------

**A4**      **TIME OIL #01 228 (FOUR REPORTS)**  
**Target**    **2737 W COMMODORE WAY**  
**Property**   **SEATTLE, WA 98199**

**WA ICR**      **S103850954**  
**N/A**

WA ICR:  
 Date Ecology Received Report: 02/24/1994  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Soil  
 Cause of Contamination: Tank, Spill  
 Region: North Western  
 Type of Report Ecology Received: Final cleanup report  
 Site Register Issue: 93-25  
 County Code: 17

**6**      **AICKINSTRUT INC**  
**NW**      **2901 W COMMODORE WAY**  
**< 1/8**    **SEATTLE, WA 98199**  
**184**  
**Higher**

**RCRIS-SQG**    **1000659340**  
**FINDS**        **WAD988490090**

RCRIS:  
 Owner: AICKINSTRUT INC  
           (360) 555-1212  
 Contact: WILLIAM BURG  
           (206) 284-4283  
 Record Date: Not reported  
 Classification: Not reported  
 Used Oil Recyc: No  
 Violation Status: No violations found

**B7**      **ASKO HYDRAULIC REPAIR A DIV OF**  
**ENE**      **2805 W COMMODORE WAY**  
**< 1/8**    **SEATTLE, WA 98199**  
**207**  
**Higher**

**RCRIS-SQG**    **1000920619**  
**FINDS**        **WA0000568980**

RCRIS:  
 Owner: ASKO PROCESSING INC  
           (206) 634-2080  
 Contact: MARK STOBBS  
           (206) 284-2659  
 Record Date: 12/31/1997  
 Classification: Not reported  
 Used Oil Recyc: No  
 Violation Status: No violations found

**B8**      **ICICLE SEAFOODS INC**  
**East**      **2770 W COMMODORE WAY**  
**< 1/8**    **SEATTLE, WA 98199**  
**270**  
**Higher**

**RCRIS-SQG**    **1000879010**  
**FINDS**        **WAD988523502**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

ICICLE SEAFOODS INC (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000879010

RCRIS:

Owner: ICICLE SEAFOODS INC  
(360) 555-1212

Contact: THOMAS SWANSON  
(206) 281-0330

Record Date: 12/31/1993

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

9  
ESE  
< 1/8  
327  
Higher

NORTHWEST AWNING FABRIC INC  
2600 W COMMODORE WAY MDL BLDG  
SEATTLE, WA 98199

RCRIS-SQG 1000474150  
FINDS WAD988482477

RCRIS:

Owner: NORTHWEST AWNING FABRIC INC  
(360) 555-1212

Contact: MIKE DEAVER  
(206) 285-2941

Record Date: 05/20/1994

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

C10  
East  
< 1/8  
332  
Higher

TIME OIL CO.  
2754 W COMMODORE WAY  
SEATTLE, WA 98199

UST U002038090  
WA ICR N/A  
LUST

LUST:

Facility ID: 102451 Ecology Region: North Western  
Release ID: 5586 Release Date: 12/21/1994 0:00  
Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00  
Alternate Name: TIME OIL 2754 COMMODORE  
Affected Media: SOIL

WA ICR:

Date Ecology Received Report: 12/21/1994  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Cause of Contamination: Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 93-42  
County Code: 17



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site \_\_\_\_\_ Database(s) \_\_\_\_\_ EDR ID Number  
 EPA ID Number

**TIME OIL CO. (Continued)** **U002038090**

UST:  
 Facility ID: 102451  
 Install Date: 12/31/1964 0:00  
 Capacity: Not reported  
 Status: Removed  
 Tank Name: 206  
 Tank Material: Not reported  
 Substance: Not reported  
 Compartment #: 1  
 Ecology Region: North Western

**C11** **TIME OIL CO.** **UST** **U002038089**  
**East** **2752 W COMMODORE WAY**  
**< 1/8** **SEATTLE, WA 98199**  
**338**  
**Higher**

UST:  
 Facility ID: 102450  
 Install Date: 12/31/1964 0:00  
 Capacity: Not reported  
 Status: Removed  
 Tank Name: 202  
 Tank Material: Not reported  
 Substance: USED OIL/WASTE OIL  
 Compartment #: 1  
 Ecology Region: North Western

**C12** **ICICLE SEAFOODS (TIME OIL COMPANY)** **WA ICR** **S103507809**  
**East** **2752 W COMMODORE WAY**  
**< 1/8** **SEATTLE, WA 98199**  
**338**  
**Higher**

WA ICR:  
 Date Ecology Received Report: 11/30/1993  
 Contaminants Found at Site: Metals  
 Total petroleum hydrocarbons  
 Media Contaminated: Soil  
 Cause of Contamination: Tank  
 Region: North Western  
 Type of Report Ecology Received: Final cleanup report  
 Site Register Issue: 93-18  
 County Code: 17

**C13** **TIME OIL VEHICLE MAINTENANCE** **LUST** **S102779706**  
**East** **2750 W COMMODORE WY**  
**< 1/8** **SEATTLE, WA 0**  
**348**  
**Higher**

LUST:  
 Facility ID: 200923 Ecology Region: North Western  
 Release ID: 3914 Release Date: 9/23/1992 0:00  
 Release Status: CLEANUP STARTED Status Date: 5/21/1995 0:00  
 Alternate Name: TIME OIL VEHICLE MAINTENANCE  
 Affected Media: SOIL

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site \_\_\_\_\_ Database(s) \_\_\_\_\_ EDR ID Number  
 EPA ID Number

**C14** **TIME OIL VEHICLE MAINTENANCE (FORMER)** **WA ICR** **S103510195**  
**East** **2750 W COMMODORE WAY** **N/A**  
**< 1/8** **SEATTLE, WA 98199**  
**348**  
**Higher**

WA ICR:  
 Date Ecology Received Report: 09/23/1992  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Soil  
 Cause of Contamination: Tank  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 92-35  
 County Code: 17

**C15** **TOSCO CORP SEATTLE TERM** **RCRIS-SQG** **1000175669**  
**East** **2740 W COMMODORE WAY** **FINDS** **WAD991281734**  
**< 1/8** **SEATTLE, WA 98199**  
**385**  
**Higher**

RCRIS:  
 Owner: TOSCO CORP-SPOKANE TERMINAL  
 (360) 555-1212  
 Contact: K RASMUSSEN  
 (213) 552-7000  
 Record Date: 04/01/1985  
 Classification: Not reported  
 Used Oil Recyc: No  
 Violation Status: No violations found

**D16** **USCG SUPPORT CENTER NORTH BASE SEATTLE** **UST** **U003028971**  
**East** **2700 WEST COMMODORE WAY** **LUST** **N/A**  
**< 1/8** **SEATTLE, WA 98199**  
**547**  
**Same**

LUST:  
 Facility ID: 9711 Ecology Region: North Western  
 Release ID: 2674 Release Date: 10/23/1991 0:00  
 Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00  
 Alternate Name: US COAST GUARD COMMODORE WAY  
 Affected Media: SOIL  
 Facility ID: 9711 Ecology Region: North Western  
 Release ID: 2674 Release Date: 10/23/1991 0:00  
 Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00  
 Alternate Name: US COAST GUARD COMMODORE WAY  
 Affected Media: GROUND WATER

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

USCG SUPPORT CENTER NORTH BASE SEATTLE (Continued)

U003028971

UST:

Facility ID: 9711  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Removed  
Tank Name: 6  
Tank Material: Steel-Unprotected  
Substance: HEATING FUEL  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 9711  
Install Date: 12/31/1964 0:00  
Capacity: 111 to 1,100 Gallons  
Status: Removed  
Tank Name: 3  
Tank Material: Not reported  
Substance: LEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 9711  
Install Date: 12/31/1964 0:00  
Capacity: 111 to 1,100 Gallons  
Status: Removed  
Tank Name: 4  
Tank Material: Concrete  
Substance: USED OIL/WASTE OIL  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 9711  
Install Date: 12/31/1964 0:00  
Capacity: 111 to 1,100 Gallons  
Status: Removed  
Tank Name: 1  
Tank Material: Steel-Unprotected  
Substance: HEATING FUEL  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 9711  
Install Date: 12/31/1964 0:00  
Capacity: 111 to 1,100 Gallons  
Status: Removed  
Tank Name: 2  
Tank Material: Steel-Unprotected  
Substance: HEATING FUEL  
Compartment #: 1  
Ecology Region: North Western

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**USCG SUPPORT CENTER NORTH BASE SEATTLE (Continued)**

**U003028971**

Facility ID: 9711  
Install Date: 12/31/1964 0:00  
Capacity: 111 to 1,100 Gallons  
Status: Removed  
Tank Name: 5  
Tank Material: Steel-Unprotected  
Substance: LEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

**D17  
East  
< 1/8  
547  
Same**

**US COAST GUARD  
2700 W COMMODORE WAY  
SEATTLE, WA 98199**

**WA ICR S103510279  
N/A**

WA ICR:  
Date Ecology Received Report: / /  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Cause of Contamination: Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-39  
County Code: 17  
  
Date Ecology Received Report: 02/21/1992  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Cause of Contamination: Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-46  
County Code: 17

**D18  
East  
< 1/8  
547  
Same**

**SEATTLE PORT MARITIME INDUSTRI  
2700 W COMMODORE WAY CGN ANNEX  
SEATTLE, WA 98199**

**RCRIS-SQG 1000342709  
FINDS WA6690390004  
CERC-NFRAP**

CERCLIS-NFRAP Classification Data:  
Site Incident Category: Not reported  
Ownership Status: Unknown  
Federal Facility: Federal Facility  
NPL Status: Not on the NPL  
CERCLIS-NFRAP Assessment History:  
Assessment: DISCOVERY  
Assessment: PRELIMINARY ASSESSMENT  
Completed: 19880212  
Completed: 19890327

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**SEATTLE PORT MARITIME INDUSTRI (Continued)**

Database(s) EPA ID Number  
EDR ID Number

**1000342709**

RCRIS:  
Owner: SEATTLE PORT  
(206) 728-3201  
Contact: LEAH ALCYON  
(206) 728-3562  
Record Date: 03/03/1998  
Classification: Not reported  
Used Oil Recyc: No  
Violation Status: Violation information exist

There are 1 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	07/04/1994

D19  
East  
< 1/8  
547  
Same

**US DOT CG SEATTLE SUPPORT CTR A  
2700 W COMMODORE WAY  
SEATTLE, WA 98119**

RCRIS-SQG **1000342711**  
**WA7690308922**

RCRIS:  
Owner: US DOT CG  
(360) 555-1212  
Contact: A HAGSTROM  
(206) 442-1805  
Record Date: 11/21/1997  
Classification: Not reported  
Used Oil Recyc: No  
Violation Status: No violations found

D20  
East  
< 1/8  
547  
Same

**SEA COAST TOWING INC  
2700 W COMMODORE WAY  
SEATTLE, WA 98199**

RCRIS-SQG **1000226575**  
**FINDS WAD988466751**

RCRIS:  
Owner: US DOT CG  
(360) 555-1212  
Contact: A HAGSTROM  
(206) 442-1805  
Record Date: 11/21/1997  
Classification: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site \_\_\_\_\_ Database(s) \_\_\_\_\_ EDR ID Number  
EPA ID Number

**SEA COAST TOWING INC (Continued)**

1000226575

Used Oil Recyc: No  
Violation Status: No violations found

21  
WNW  
< 1/8  
626  
Higher

**TIME OIL CO**  
3031 W COMMODORE WAY  
SEATTLE, WA 98199

UST  
WA ICR  
LUST

U002038064  
N/A

LUST:

Facility ID:	102423	Ecology Region:	North Western
Release ID:	5548	Release Date:	10/24/1994 0:00
Release Status:	CLEANUP STARTED	Status Date:	6/1/1995 0:00
Alternate Name:	TIME OIL MAINTENANCE SHOP 2		
Affected Media:	SOIL		

WA ICR:

Date Ecology Received Report:	10/29/1999
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-19
County Code:	17

Date Ecology Received Report:	12/15/1994
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-42
County Code:	17

UST:

Facility ID:	102423
Install Date:	1/1/1964 0:00
Capacity:	Not reported
Status:	Removed
Tank Name:	1
Tank Material:	Not reported
Substance:	Not reported
Compartment #:	1
Ecology Region:	North Western

22  
SE  
1/8-1/4  
743  
Higher

**RAPP HYDEMA US INC**  
4433 27TH AVE W  
SEATTLE, WA 98199

RCRIS-SQG

1001820098  
WAD988517975

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

		Database(s)	EDR ID Number EPA ID Number
<hr/>			
<b>RAPP HYDEMA US INC (Continued)</b>			<b>1001820098</b>

RCRIS:  
Contact: MONTY BENNETT  
(206) 286-8162  
Record Date: Not reported  
Classification: Not reported  
Used Oil Recyc: No  
Violation Status: No violations found

E23  
ESE  
1/8-1/4  
841  
Higher

**SPRINGER DAVID**  
4459 26TH AV W  
SEATTLE, WA 98199

CSCSL      S100835994  
N/A

SHWS:  
Facility ID: 2303  
Facility Status: Not reported  
Rank: Not reported  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 41  
Longitude: 122 23 24  
Ecology Site Status relative to the MTCA cleanup process:  
Awaiting Site Hazard Assessment (SHA)  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
Not reported  
Affected Media: Soil  
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Suspected to be present  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Suspected to be present  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**SPRINGER DAVID (Continued)**

**S100835994**

Facility ID: 2303  
Facility Status: Not reported  
Rank: Not reported  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 41  
Longitude: 122 23 24  
Ecology Site Status relative to the MTCA cleanup process:  
Awaiting Site Hazard Assessment (SHA)  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
Not reported  
Affected Media: Sediment  
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations  
or manufacturing processes, certain contaminants are suspected to be present at the  
site  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Suspected to be present  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Suspected to be present  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**SPRINGER DAVID (Continued)**

**S100835994**

Facility ID: 2303  
Facility Status: Not reported  
Rank: Not reported  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 41  
Longitude: 122 23 24  
Ecology Site Status relative to the MTCA cleanup process:  
Awaiting Site Hazard Assessment (SHA)  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
Not reported  
Affected Media: Groundwater  
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations  
or manufacturing processes, certain contaminants are suspected to be present at the  
site  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Suspected to be present  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Suspected to be present  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

**MAP FINDINGS**

Database(s) EDR ID Number  
 EPA ID Number

**SPRINGER DAVID (Continued)**

**S100835994**

Facility ID: 2303  
 Facility Status: Not reported  
 Rank: Not reported  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 41  
 Longitude: 122 23 24  
 Ecology Site Status relative to the MTCA cleanup process:  
     Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Not reported  
 Affected Media: Surface Water  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Suspected to be present
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

**E24  
 ESE  
 1/8-1/4  
 855  
 Same**

**ABELLA WOODWORKING INC  
 2600 W COMMODORE WAY  
 SEATTLE, WA 98199**

**RCRIS-SQG 1000288884  
 FINDS WAD037417458**

RCRIS:  
 Owner: ABELLA WOODWORKING INC  
     (360) 555-1212  
 Contact: CELIA CHING  
     (808) 737-3050  
 Record Date: Not reported  
 Classification: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site \_\_\_\_\_ Database(s) \_\_\_\_\_ EDR ID Number  
 EPA ID Number

**ABELLA WOODWORKING INC (Continued)**

**1000288884**

Used Oil Recyc: No  
 Violation Status: No violations found

**25  
 ESE  
 1/8-1/4  
 1088  
 Lower**

**NORTHWEST INSTRUMENT CO INC  
 2525 W COMMODORE WAY  
 SEATTLE, WA 98199**

**UST**

**U001122933  
 N/A**

**UST:**

Facility ID: 2882  
 Install Date: 12/31/1964 0:00  
 Capacity: Not reported  
 Status: Removed  
 Tank Name: 2  
 Tank Material: Not reported  
 Substance: Not reported  
 Compartment #: 1  
 Ecology Region: North Western

Facility ID: 2882  
 Install Date: 12/31/1964 0:00  
 Capacity: Not reported  
 Status: Removed  
 Tank Name: 1  
 Tank Material: Not reported  
 Substance: UNLEADED GASOLINE  
 Compartment #: 1  
 Ecology Region: North Western

**26  
 SE  
 1/8-1/4  
 1092  
 Higher**

**GILMAN PL WASTE PAIN  
 4439 GILMAN PL W  
 SEATTLE, WA 98199**

**RCRIS-SQG 1000697083  
 FINDS WAD988507638**

**RCRIS:**

Owner: MANCHESTER LABORATORY  
 (360) 555-1212

Contact: RICHARD STOREY  
 (425) 649-7116

Record Date: Not reported  
 Classification: Not reported  
 Used Oil Recyc: No  
 Violation Status: No violations found

**F27  
 SE  
 1/4-1/2  
 1720  
 Higher**

**PACIFIC COAST - HEMPHILL  
 4410 24TH AVE W  
 SEATTLE, WA 98199**

**WA ICR S103508543  
 N/A**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**PACIFIC COAST - HEMPHILL (Continued)**

**S103508543**

WA ICR:  
 Date Ecology Received Report: 06/11/1993  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Soil  
 Cause of Contamination: Tank  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 93-02  
 County Code: 17

Date Ecology Received Report: 10/27/1992  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Soil  
 Cause of Contamination: Tank  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 92-37  
 County Code: 17

**F28  
 SE  
 1/4-1/2  
 1720  
 Higher**

**UNOCAL/COMMODORE LOAD RACK  
 4410 24TH AVE W  
 SEATTLE, WA 98199**

**WA ICR**

**S103510948  
 N/A**

WA ICR:  
 Date Ecology Received Report: 06/20/1994  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Soil  
 Cause of Contamination: Tank  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 93-49  
 County Code: 17

**F29  
 SE  
 1/4-1/2  
 1744  
 Higher**

**WASHINGTON MARINE ENG CORP  
 4403 24TH AVE W  
 SEATTLE, WA 98199**

**CSCSL**

**S104320400  
 N/A**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**WASHINGTON MARINE ENG CORP (Continued)**

**S104320400**

**SHWS:**

Facility ID: 2281  
 Facility Status: Not reported  
 Rank: Not reported  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 34  
 Longitude: 122 23 15  
 Ecology Site Status relative to the MTCA cleanup process:  
   Independent Remedial Action  
 Independent Site Status - those sites undergoing an independent cleanup:  
   Independent Site Assessment of Interim Remedial Action Report received  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
   Not reported  
 Affected Media: Groundwater  
 Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations  
   or manufacturing processes, certain contaminants are suspected to be present at the  
   site  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 Horizontal Collection Method: 3  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Suspected to be present  
 Polychlorinated biPhenyls (PCBs): Suspected to be present  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

F30  
 SE  
 1/4-1/2  
 1744  
 Higher

**WASHINGTON MARINE ENG CORP**  
**4403 24TH AVE W**  
**SEATTLE, WA 98199**

**CSCSL**

**S104320399**  
**N/A**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**WASHINGTON MARINE ENG CORP (Continued)**

**S104320399**

SHWS:  
 Facility ID: 2281  
 Facility Status: Not reported  
 Rank: Not reported  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 34  
 Longitude: 122 23 15  
 Ecology Site Status relative to the MTCA cleanup process:  
 Independent Remedial Action  
 Independent Site Status - those sites undergoing an independent cleanup:  
 Independent Site Assessment of Interim Remedial Action Report received  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
 Not reported  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 Horizontal Collection Method: 3  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant metals: Confirmed above MTCA cleanup levels  
 Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

31  
 SSE  
 1/4-1/2  
 1755  
 Higher

**GILMAN APARTMENTS**  
**4403 GILMAN AVENUE W**  
**SEATTLE, WA 98199**

**UST** **U003604863**  
**WA ICR** **N/A**

WA ICR:  
 Date Ecology Received Report: 10/16/1995  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Soil  
 Cause of Contamination: Heating fuel tank  
 Region: North Western  
 Type of Report Ecology Received: Final cleanup report  
 Site Register Issue: 94-09  
 County Code: 17

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

GILMAN APARTMENTS (Continued)

U003604863

UST:

Facility ID: 498145  
Install Date: Not reported  
Capacity: 111 TO 1,000 GALLONS  
Status: Not reported  
Tank Name: 5  
Tank Material: Not reported  
Substance: Not reported  
Compartment #: Not reported  
Ecology Region: North Western

Facility ID: 498145  
Install Date: Not reported  
Capacity: 111 TO 1,000 GALLONS  
Status: Not reported  
Tank Name: 3  
Tank Material: Not reported  
Substance: HEATING FUEL  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 498145  
Install Date: Not reported  
Capacity: 111 TO 1,000 GALLONS  
Status: Not reported  
Tank Name: 4  
Tank Material: Not reported  
Substance: HEATING FUEL  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 498145  
Install Date: Not reported  
Capacity: 111 TO 1,000 GALLONS  
Status: EXEMPT  
Tank Name: 1  
Tank Material: Not reported  
Substance: HEATING FUEL  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 498145  
Install Date: Not reported  
Capacity: 111 TO 1,000 GALLONS  
Status: EXEMPT  
Tank Name: 2  
Tank Material: Not reported  
Substance: HEATING FUEL  
Compartment #: 1  
Ecology Region: North Western

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

**MAP FINDINGS**

**GILMAN APARTMENTS (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**U003604863**

Facility ID: 498145  
Install Date: Not reported  
Capacity: 111 TO 1,000 GALLONS  
Status: EXEMPT  
Tank Name: 6  
Tank Material: Not reported  
Substance: HEATING FUEL  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 498145  
Install Date: Not reported  
Capacity: 111 TO 1,000 GALLONS  
Status: EXEMPT  
Tank Name: 7  
Tank Material: Not reported  
Substance: HEATING FUEL  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 498145  
Install Date: Not reported  
Capacity: 111 TO 1,000 GALLONS  
Status: EXEMPT  
Tank Name: 8  
Tank Material: Not reported  
Substance: HEATING FUEL  
Compartment #: 1  
Ecology Region: North Western

**G32  
WSW  
1/4-1/2  
1806  
Higher**

**RIC'S AUTOMOTIVE & TEXACO INC  
3317 W GOVERNMENT WAY  
SEATTLE, WA 98199**

**UST  
LUST**

**U003024934  
N/A**

**LUST:**

Facility ID: 100740 Ecology Region: North Western  
Release ID: 3260 Release Date: 3/30/1992 0:00  
Release Status: REPORTED CLEANED UP Status Date: 6/1/1995 0:00  
Alternate Name: TEXACO STATION MAGNOLIA  
Affected Media: SOIL

Facility ID: 100740 Ecology Region: North Western  
Release ID: 3260 Release Date: 3/30/1992 0:00  
Release Status: CLEANUP STARTED Status Date: 3/30/1992 0:00  
Alternate Name: TEXACO STATION MAGNOLIA  
Affected Media: SOIL



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

RIC'S AUTOMOTIVE & TEXACO INC (Continued)

U003024934

UST:  
Facility ID: 100740  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: REMOVED  
Tank Name: 2OLD  
Tank Material: Not reported  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 100740  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Removed  
Tank Name: 1OLD  
Tank Material: Steel-Unprotected  
Substance: LEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 100740  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Removed  
Tank Name: 3OLD  
Tank Material: Steel-Unprotected  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 100740  
Install Date: 12/31/1964 0:00  
Capacity: 111 to 1,100 Gallons  
Status: Removed  
Tank Name: 4OLD  
Tank Material: Steel-Unprotected  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 100740  
Install Date: 3/19/1992 0:00  
Capacity: 1,101 TO 2,000 GALLONS  
Status: Operational  
Tank Name: Apr-00  
Tank Material: Coated Steel  
Substance: DIESEL  
Compartment #: 1  
Ecology Region: North Western

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

RIC'S AUTOMOTIVE & TEXACO INC (Continued)

U003024934

Facility ID: 100740  
Install Date: 3/19/1992 0:00  
Capacity: 5,000 TO 9,999 GALLONS  
Status: Operational  
Tank Name: Mar-00  
Tank Material: Coated Steel  
Substance: LEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 100740  
Install Date: 3/19/1992 0:00  
Capacity: 111 to 1,100 Gallons  
Status: Operational  
Tank Name: 5-550  
Tank Material: Coated Steel  
Substance: USED OIL/WASTE OIL  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 100740  
Install Date: 12/31/1964 0:00  
Capacity: 111 to 1,100 Gallons  
Status: Removed  
Tank Name: 5OLD  
Tank Material: Steel-Unprotected  
Substance: USED OIL/WASTE OIL  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 100740  
Install Date: 3/19/1992 0:00  
Capacity: 5,000 TO 9,999 GALLONS  
Status: OPERATIONAL  
Tank Name: Jan-00  
Tank Material: COATED STEEL  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 100740  
Install Date: 3/19/1992 0:00  
Capacity: 5,000 TO 9,999 GALLONS  
Status: Operational  
Tank Name: Feb-00  
Tank Material: Coated Steel  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

G33  
WSW  
1/4-1/2  
1806  
Higher  
TEXACO  
3317 W GOVERNMENT WAY  
SEATTLE, WA 98199

WA ICR S103509813  
N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

**MAP FINDINGS**

**TEXACO (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**S103509813**

WA ICR:  
Date Ecology Received Report: 03/30/1992  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Cause of Contamination: Tank  
Region: North Western  
Type of Report Ecology Received: Final cleanup report  
Site Register Issue: 92-23  
County Code: 17

**34**  
North  
1/4-1/2  
1860  
Lower

**JACOBSON TERMINALS/US ARMY CORPS OF ENGINEERS**  
5355 28TH AVE NW  
SEATTLE, WA 98107

WA ICR

**S103503514**  
N/A

WA ICR:  
Date Ecology Received Report: 12/29/1997  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Cause of Contamination: Not reported  
Region: North Western  
Type of Report Ecology Received: Final cleanup report  
Site Register Issue: 95-16  
County Code: 17

**35**  
ESE  
1/4-1/2  
1922  
Lower

**ANDERSON MARINE REPAIR INC**  
2360 W COMMODORE WAY  
SEATTLE, WA 98199

RCRIS-SQG  
FINDS  
CSCSL

**1000218847**  
**WAD121165831**

RCRIS:  
Owner: ANDERSON MARINE REPAIR INC  
(206) 282-3746  
Contact: SEAN KEITH  
(206) 282-3746  
Record Date: 12/31/1997  
Classification: Not reported  
Used Oil Recyc: No  
Violation Status: No violations found

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**ANDERSON MARINE REPAIR INC (Continued)**

**1000218847**

SHWS:

Facility ID: 2069  
Facility Status: AWAITING RA  
Rank: 1  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 38  
Longitude: 122 23 12

Ecology Site Status relative to the MTCA cleanup process:

Ranked, Awaiting Remedial Action (RA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

1 - Greatest assessed risk to human health and to the environment

Affected Media: Air

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Confirmed above MTCA cleanup levels
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Suspected to be present
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Confirmed above MTCA cleanup levels
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Confirmed above MTCA cleanup levels
Conventional Contaminants, Inorganic:	Confirmed above MTCA cleanup levels

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ANDERSON MARINE REPAIR INC (Continued)**

**1000218847**

Facility ID: 2069  
 Facility Status: AWAITING RA  
 Rank: 1  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 38  
 Longitude: 122 23 12  
 Ecology Site Status relative to the MTCA cleanup process:  
 Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
 Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
 1 - Greatest assessed risk to human health and to the environment  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals:	Confirmed above MTCA cleanup levels
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Suspected to be present
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Confirmed above MTCA cleanup levels
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Confirmed above MTCA cleanup levels
Conventional Contaminants, Inorganic:	Confirmed above MTCA cleanup levels

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

**MAP FINDINGS**

**ANDERSON MARINE REPAIR INC (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000218847**

Facility ID: 2069  
Facility Status: AWAITING RA  
Rank: 1  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 38  
Longitude: 122 23 12  
Ecology Site Status relative to the MTCA cleanup process:  
Ranked, Awaiting Remedial Action (RA)  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
1 - Greatest assessed risk to human health and to the environment  
Affected Media: Sediment  
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
Metals - Other non-priority pollutant metals: Confirmed above MTCA cleanup levels  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Suspected to be present  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Confirmed above MTCA cleanup levels  
Conventional Contaminants, Inorganic: Confirmed above MTCA cleanup levels

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**ANDERSON MARINE REPAIR INC (Continued)**

**1000218847**

Facility ID: 2069  
Facility Status: AWAITING RA  
Rank: 1  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 38  
Longitude: 122 23 12  
Ecology Site Status relative to the MTCA cleanup process:  
Ranked, Awaiting Remedial Action (RA)  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
1 - Greatest assessed risk to human health and to the environment  
Affected Media: Groundwater  
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
Metals - Other non-priority pollutant medals: Confirmed above MTCA cleanup levels  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Suspected to be present  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Confirmed above MTCA cleanup levels  
Conventional Contaminants, Inorganic: Confirmed above MTCA cleanup levels



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s)  
 EDR ID Number  
 EPA ID Number

**ANDERSON MARINE REPAIR INC (Continued)**

1000218847

Facility ID: 2069  
 Facility Status: AWAITING RA  
 Rank: 1  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 38  
 Longitude: 122 23 12  
 Ecology Site Status relative to the MTCA cleanup process:  
 Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
 Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
 1 - Greatest assessed risk to human health and to the environment  
 Affected Media: Surface Water  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals:	Confirmed above MTCA cleanup levels
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Suspected to be present
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Confirmed above MTCA cleanup levels
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Confirmed above MTCA cleanup levels
Conventional Contaminants, Inorganic:	Confirmed above MTCA cleanup levels

H36  
 SE  
 1/4-1/2  
 2069  
 Higher

**TYSON SEAFOOD GROUP (TWO REPORTS)**  
 4250 24TH AVE W  
 SEATTLE, WA 98199

WA ICR S103512187  
 N/A

WA ICR:  
 Date Ecology Received Report: 08/15/1996  
 Contaminants Found at Site: Chlorinated solvents  
 Media Contaminated: Groundwater  
 Cause of Contamination: Unknown  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 94-35  
 County Code: 17

H37  
 SE  
 1/4-1/2  
 2069  
 Higher

**TYSON SEAFOOD GROUP INC**  
 4250 24TH AVE W  
 SEATTLE, WA 98107

RCRIS-SQG 1000411441  
 FINDS WAD988469870  
 WA ICR

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**TYSON SEAFOOD GROUP INC (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000411441**

RCRIS:

Owner: TYSON SEAFOOD GROUP INC  
(206) 282-3445

Contact: CHARLOTTE PARKS  
(206) 298-4101

Record Date: 12/31/1996

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

WA ICR:

Date Ecology Received Report: 12/10/1996  
Contaminants Found at Site: PCB's  
Media Contaminated: Soil  
Cause of Contamination: Not reported  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 94-53  
County Code: 17

138  
ESE  
1/4-1/2  
2075  
Lower

**SABROE REFRIGERATION INC  
4401 23RD AVE W  
SEATTLE, WA 98199**

**RCRIS-SQG 1000660653  
FINDS WAD988503405  
WA ICR  
LUST**

RCRIS:

Owner: SABROE REFRIGERATION INC  
(206) 285-0904

Contact: RANDY DOUCET  
(206) 285-0904

Record Date: 12/31/1996

Classification: Conditionally Exempt Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

LUST:

Facility ID: 200603 Ecology Region: North Western  
Release ID: 4776 Release Date: 10/15/1993 0:00  
Release Status: REPORTED CLEANED UP Status Date: 9/10/1998 0:00  
Alternate Name: SABROE REFRIGERATION  
Affected Media: SOIL

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
 EPA ID Number

**SABROE REFRIGERATION INC (Continued)**

1000660653

WA ICR:  
 Date Ecology Received Report: 10/19/1993  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Cause of Contamination: Tank  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 93-15  
 County Code: 17

I39  
 ESE  
 1/4-1/2  
 2075  
 Lower

**SABRO REFRIGERATION**  
 4401 23RD AVE W  
 SEATTLE, WA 98199

WA ICR

S103504605  
 N/A

WA ICR:  
 Date Ecology Received Report: 09/04/1998  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Soil  
 Cause of Contamination: Tank  
 Region: North Western  
 Type of Report Ecology Received: Final cleanup report  
 Site Register Issue: 98-07  
 County Code: 17

J40  
 NNW  
 1/4-1/2  
 2280  
 Higher

**HIRAM CHITTENDON LOCKS**  
 3015 NW 54TH ST  
 SEATTLE, WA 98107

WA ICR

S103507782  
 N/A

WA ICR:  
 Date Ecology Received Report: 09/21/1993  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Soil  
 Cause of Contamination: Tank  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 93-08  
 County Code: 17

J41  
 NNW  
 1/4-1/2  
 2280  
 Higher

**USARMY COE LAKE WASHINGTON SHIP CANAL**  
 3015 NW 54TH ST  
 SEATTLE, WA 98107

RCRIS-SQG  
 CSCSL

1001820665  
 WA3960010152

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

USARMY COE LAKE WASHINGTON SHIP CANAL (Continued)

1001820665

RCRIS:  
Contact: THEODORE BORCHERT  
(206) 789-2622  
Record Date: Not reported  
Classification: Not reported  
Used Oil Recyc: No  
Violation Status: No violations found

SHWS:  
Facility ID: 2460  
Facility Status: Not reported  
Rank: Not reported  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 40 5  
Longitude: 122 23 48  
Ecology Site Status relative to the MTCA cleanup process:  
Independent Remedial Action  
Independent Site Status - those sites undergoing an independent cleanup:  
Independent Site Assessment of Interim Remedial Action Report received  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
Not reported  
Affected Media: Soil  
Media Status: R (Remediated) - Contaminants have been treated, removed, or contained to meet cleanup levels established for the site. (This status determination may only be made by Ecology  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Not reported  
Petroleum Products: Treated, removed, or contained  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Not reported  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**USARMY COE LAKE WASHINGTON SHIP CANAL (Continued)**

**1001820665**

Facility ID: 2460  
 Facility Status: Not reported  
 Rank: Not reported  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 40 5  
 Longitude: 122 23 48  
 Ecology Site Status relative to the MTCA cleanup process:  
 Independent Remedial Action  
 Independent Site Status - those sites undergoing an independent cleanup:  
 Independent Site Assessment of Interim Remedial Action Report received  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
 Not reported  
 Affected Media: Groundwater  
 Media Status: B (Below) - The presence of hazardous substances below MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum products). The B code may only be applied following completion of analytical work in conjunction with a Site Hazard Assessment (SHA) or Remedial Investigation/Feasibility Study (RI/FS)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Below MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

**J42  
 NNW  
 1/4-1/2  
 2280  
 Higher**

**HIRAM M CHITTENDEN LOCKS  
 3015 NORTHWEST 54TH STREET  
 SEATTLE, WA 98107**

**UST  
 LUST**

**U003027854  
 N/A**

**LUST:**

Facility ID:	6687	Ecology Region:	North Western
Release ID:	2697	Release Date:	11/12/1991 0:00
Release Status:	CLEANUP STARTED	Status Date:	6/1/1995 0:00
Alternate Name:	HIRAM CHITTENDON LOCKS		
Affected Media:	SOIL		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

HIRAM M CHITTENDEN LOCKS (Continued)

U003027854

UST:

Facility ID: 6687  
Install Date: 7/15/1978 0:00  
Capacity: Not reported  
Status: Removed  
Tank Name: 5  
Tank Material: Not reported  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 6687  
Install Date: 7/15/1978 0:00  
Capacity: Not reported  
Status: Removed  
Tank Name: 6  
Tank Material: Not reported  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 6687  
Install Date: 1/1/1976 0:00  
Capacity: 111 to 1,100 Gallons  
Status: Removed  
Tank Name: 1  
Tank Material: Not reported  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 6687  
Install Date: 1/1/1946 0:00  
Capacity: 111 to 1,100 Gallons  
Status: Removed  
Tank Name: 3  
Tank Material: Steel-Unprotected  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 6687  
Install Date: 12/31/1964 0:00  
Capacity: 111 to 1,100 Gallons  
Status: Closed in Place  
Tank Name: 2  
Tank Material: Steel-Unprotected  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

HIRAM M CHITTENDEN LOCKS (Continued)

U003027854

Facility ID: 6687  
Install Date: 12/31/1964 0:00  
Capacity: 111 to 1,100 Gallons  
Status: Removed  
Tank Name: FOUNTANK06  
Tank Material: Not reported  
Substance: LEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 6687  
Install Date: 11/30/1991 0:00  
Capacity: 111 to 1,100 Gallons  
Status: Removed  
Tank Name: 7  
Tank Material: Steel-Unprotected  
Substance: USED OIL/WASTE OIL  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 6687  
Install Date: 12/31/1964 0:00  
Capacity: 111 to 1,100 Gallons  
Status: Closed in Place  
Tank Name: 4  
Tank Material: Steel-Unprotected  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

43  
SE  
1/4-1/2  
2323  
Higher

DYNO BATTERY CO  
4248 23RD AVE W  
SEATTLE, WA 98199

RCRIS-SQG 1001233993  
FINDS WAH000003996  
CSCSL

RCRIS:  
Owner: MARK KNOWLTON  
(206) 283-7450  
Contact: MARK KNOWLTON  
(206) 283-7450  
Record Date: 01/08/1998  
Classification: Large Quantity Generator  
Used Oil Recyc: No  
Violation Status: Violation information exist

There are 1 violation record(s) reported at this site:

Evaluation \_\_\_\_\_  
Compliance Evaluation Inspection (CEI)

Area of Violation \_\_\_\_\_  
Generator-All Requirements

Date of  
Compliance  
07/16/1998

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

DYNO BATTERY CO (Continued)

1001233993

SHWS:

Facility ID: 72957545  
Facility Status: Not reported  
Rank: Not reported  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 23 35  
Longitude: 122 13 54  
Ecology Site Status relative to the MTCA cleanup process:  
Awaiting Site Hazard Assessment (SHA)  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
Not reported  
Affected Media: Not reported  
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
Horizontal Collection Method: 99  
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Not reported  
Petroleum Products: Not reported  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Not reported  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

EDR ID Number  
 EPA ID Number  
 Database(s)

**DYNO BATTERY CO (Continued)**

**1001233993**

Facility ID: 72957545  
 Facility Status: Not reported  
 Rank: Not reported  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 23 35  
 Longitude: 122 13 54  
 Ecology Site Status relative to the MTCA cleanup process:  
     Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Not reported  
 Affected Media: Not reported  
 Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations  
     or manufacturing processes, certain contaminants are suspected to be present at the  
     site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	99
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

**K44  
 North  
 1/4-1/2  
 2324  
 Higher**

**NW MARKET ST SITE  
 2801 NW MARKET ST  
 SEATTLE, WA 98107**

**CSCSL**

**S100079852  
 N/A**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

NW MARKET ST SITE (Continued)

S100079852

SHWS:

Facility ID: 2234  
Facility Status: Not reported  
Rank: Not reported  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 40 7  
Longitude: 122 23 35  
Ecology Site Status relative to the MTCA cleanup process:  
Independent Remedial Action  
Independent Site Status - those sites undergoing an independent cleanup:  
Independent Site Assessment of Interim Remedial Action Report received  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
5 - Lowest assessed risk to human health and to the environment  
Affected Media: Soil  
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
Metals - Other non-priority pollutant metals: Suspected to be present  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Suspected to be present  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Suspected to be present  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**NW MARKET ST SITE (Continued)**

**S100079852**

Facility ID: 2234  
 Facility Status: Not reported  
 Rank: Not reported  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 40 7  
 Longitude: 122 23 35  
 Ecology Site Status relative to the MTCA cleanup process:  
 Independent Remedial Action  
 Independent Site Status - those sites undergoing an independent cleanup:  
 Independent Site Assessment of Interim Remedial Action Report received  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
 5 - Lowest assessed risk to human health and to the environment  
 Affected Media: Groundwater  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 Horizontal Collection Method: 3  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant medals: Suspected to be present  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Suspected to be present  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

**K45**  
 North  
 1/4-1/2  
 2324  
 Higher

**NORTHWEST MARKET STREEET**  
**2801 NW MARKET ST**  
**SEATTLE, WA 98107**

**UST**  
**LUST**

**U001126047**  
**N/A**

**LUST:**

Facility ID: 9776 Ecology Region: North Western  
 Release ID: 4627 Release Date: 7/30/1993 0:00  
 Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00  
 Alternate Name: EMIL ASSOCIATES PROPERTY  
 Affected Media: SOIL

Facility ID: 9776 Ecology Region: North Western  
 Release ID: 4627 Release Date: 7/30/1993 0:00  
 Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00  
 Alternate Name: EMIL ASSOCIATES PROPERTY  
 Affected Media: GROUND WATER

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**NORTHWEST MARKET STREET (Continued)**

**U001126047**

UST:

Facility ID: 9776  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Closed in Place  
Tank Name: 6  
Tank Material: Not reported  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 9776  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Closed in Place  
Tank Name: 7  
Tank Material: Not reported  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 9776  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Closed in Place  
Tank Name: 8  
Tank Material: Steel-Unprotected  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 9776  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Closed in Place  
Tank Name: 4  
Tank Material: Not reported  
Substance: USED OIL/WASTE OIL  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 9776  
Install Date: 12/31/1964 0:00  
Capacity: 111 to 1,100 Gallons  
Status: REMOVED  
Tank Name: 5  
Tank Material: Not reported  
Substance: USED OIL/WASTE OIL  
Compartment #: 1  
Ecology Region: North Western

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**NORTHWEST MARKET STREET (Continued)**

**U001126047**

Facility ID: 9776  
 Install Date: 12/31/1964 0:00  
 Capacity: 111 to 1,100 Gallons  
 Status: Closed in Place  
 Tank Name: 3  
 Tank Material: Not reported  
 Substance: UNLEADED GASOLINE  
 Compartment #: 1  
 Ecology Region: North Western

Facility ID: 9776  
 Install Date: 12/31/1964 0:00  
 Capacity: Not reported  
 Status: Closed in Place  
 Tank Name: 2  
 Tank Material: Fiberglass Reinforced Plastic  
 Substance: HAZARDOUS SUBSTANCE  
 Compartment #: 1  
 Ecology Region: North Western

Facility ID: 9776  
 Install Date: 12/31/1964 0:00  
 Capacity: 111 to 1,100 Gallons  
 Status: Exempt  
 Tank Name: 1  
 Tank Material: Fiberglass Reinforced Plastic  
 Substance: HEATING FUEL  
 Compartment #: 1  
 Ecology Region: North Western

**K46  
 North  
 1/4-1/2  
 2324  
 Higher**

**EMIL ASSOCIATES PROPERTY  
 2801 NW MARKET ST  
 SEATTLE, WA 98107**

**WA ICR S103506766  
 N/A**

WA ICR:

Date Ecology Received Report: 12/29/1993  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Cause of Contamination: Tank  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 93-18  
 County Code: 17

Date Ecology Received Report: 05/01/1995  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater  
 Cause of Contamination: Tank  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 94-03  
 County Code: 17

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**K47**  
 North  
 1/4-1/2  
 2324  
 Higher

**EMIL ASSOCIATES**  
 2801 NW MARKET ST  
 SEATTLE, WA 98107

**FINDS** 1000420327  
**RCRIS-LQG** WAD009257999  
**WA ICR**

RCRIS:  
 Owner: EMIL ASSOC  
 (360) 789-0824  
 Contact: KEVIN LAKEY  
 (425) 485-5000  
 Record Date: 12/31/1997  
 Classification: Large Quantity Generator

BIENNIAL REPORTS:  
 Last Biennial Reporting Year: 1997

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D039	2920575.26	D040	2920575.26

Used Oil Recyc: No  
 Violation Status: Violation information exist

There are 1 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Non-Financial Record Review	Generator-All Requirements	07/04/1994

WA ICR:  
 Date Ecology Received Report: 12/24/1996  
 Contaminants Found at Site: Solvents  
 Media Contaminated: Groundwater  
 Cause of Contamination: Not reported  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 94-50  
 County Code: 17

**L48**  
 NNE  
 1/4-1/2  
 2398  
 Higher

**ARNOLD'S DELI (THREE REPORTS)**  
 2654 NW MARKET ST  
 SEATTLE, WA 98107

**WA ICR** S103505278  
 N/A

WA ICR:  
 Date Ecology Received Report: 11/10/1994  
 Contaminants Found at Site: Metals  
 Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Cause of Contamination: Not reported  
 Region: North Western  
 Type of Report Ecology Received: Final cleanup report  
 Site Register Issue: 94-02  
 County Code: 17

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**L49**  
**NNE**  
 1/4-1/2  
 2398  
 Higher

**ARNOLD'S DELI (TWO REPORTS)**  
 2654 NW MARKET ST  
 SEATTLE, WA 98107

WA ICR

S103505277  
 N/A

WA ICR:

Date Ecology Received Report: 04/05/1993  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Soil  
 Cause of Contamination: Tank  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 92-50  
 County Code: 17

**L50**  
**NNE**  
 1/4-1/2  
 2398  
 Higher

**ARNOLD'S DELI AND GAS**  
 2654 NW MARKET ST  
 SEATTLE, WA 98107

UST  
 WA ICR

U003025542  
 N/A

WA ICR:

Date Ecology Received Report: 04/05/1993  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Soil  
 Cause of Contamination: Tank  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 93-08  
 County Code: 17

UST:

Facility ID: 11260  
 Install Date: 12/31/1964 0:00  
 Capacity: Not reported  
 Status: REMOVED  
 Tank Name: 4  
 Tank Material: Not reported  
 Substance: LEADED GASOLINE  
 Compartment #: 1  
 Ecology Region: North Western

Facility ID: 11260  
 Install Date: 12/31/1964 0:00  
 Capacity: Not reported  
 Status: REMOVED  
 Tank Name: 5  
 Tank Material: Not reported  
 Substance: LEADED GASOLINE  
 Compartment #: 1  
 Ecology Region: North Western

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

ARNOLD'S DELI AND GAS (Continued)

U003025542

Facility ID: 11260  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: REMOVED  
Tank Name: 6  
Tank Material: Not reported  
Substance: LEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 11260  
Install Date: 10/11/1970 0:00  
Capacity: 2,001 TO 4,999 GALLONS  
Status: Operational  
Tank Name: 1  
Tank Material: Not reported  
Substance: Unleaded Gasoline  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 11260  
Install Date: 1/1/1968 0:00  
Capacity: 10,000 TO 19,999 GALLONS  
Status: Operational  
Tank Name: 2  
Tank Material: Not reported  
Substance: Leaded Gasoline  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 11260  
Install Date: 1/1/1968 0:00  
Capacity: 10,000 TO 19,999 GALLONS  
Status: Operational  
Tank Name: 3  
Tank Material: Not reported  
Substance: Unleaded Gasoline  
Compartment #: 1  
Ecology Region: North Western

M51  
NE  
1/4-1/2  
2587  
Higher

C.D. STIMSON CO. - SALMON BAY TECH. CENTER  
5305 SHILSHOLE AVE NW  
SEATTLE, WA 98107

WA ICR S103502726  
N/A



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**C.D. STIMSON CO. - SALMON BAY TECH. CENTER (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

S103502726

WA ICR:  
 Date Ecology Received Report: 05/30/1997  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Soil  
 Cause of Contamination: Unknown  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 95-02  
 County Code: 17

M52  
 NE  
 1/4-1/2  
 2589  
 Higher

**SALMON BAY CENTER**  
 5301-5309 SHILSHOLE AV NW  
 SEATTLE, WA 98107

CSCSL

S103822527  
 N/A

SHWS:  
 Facility ID: 2129  
 Facility Status: Not reported  
 Rank: Not reported  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 60  
 Longitude: 122 23 6  
 Ecology Site Status relative to the MTCA cleanup process:  
 Independent Remedial Action  
 Independent Site Status - those sites undergoing an independent cleanup:  
 Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
 Not reported  
 Affected Media: Not reported  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 Horizontal Collection Method: 3  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**SALMON BAY CENTER (Continued)**

**S103822527**

Facility ID: 2129  
Facility Status: Not reported  
Rank: Not reported  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 60  
Longitude: 122 23 6  
Ecology Site Status relative to the MTCA cleanup process:  
Independent Remedial Action  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
Not reported  
Affected Media: Not reported  
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Not reported  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Suspected to be present  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SALMON BAY CENTER (Continued)**

**S103822527**

Facility ID: 2129  
 Facility Status: Not reported  
 Rank: Not reported  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 60  
 Longitude: 122 23 6  
 Ecology Site Status relative to the MTCA cleanup process:  
 Independent Remedial Action  
 Independent Site Status - those sites undergoing an independent cleanup:  
 Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
 Not reported  
 Affected Media: Surface Water  
 Media Status: R (Remediated) - Contaminants have been treated, removed, or contained to meet cleanup levels established for the site. (This status determination may only be made by Ecology  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 Horizontal Collection Method: 3  
 EPA Priority Pollutants - Metals and Cyanide: Treated, removed, or contained  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Treated, removed, or contained  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Treated, removed, or contained  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

53  
 NE  
 1/2-1  
 2874  
 Higher

**WEIMAN PROPERTY  
 5332 BALLARD AV NW  
 SEATTLE, WA 98107**

**CSCSL**

**S100562856  
 N/A**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

**WEIMAN PROPERTY (Continued)**

**S100562856**

SHWS:

Facility ID: 2283  
Facility Status: Not reported  
Rank: Not reported  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 40 0  
Longitude: 122 23 1  
Ecology Site Status relative to the MTCA cleanup process:  
Awaiting Site Hazard Assessment (SHA)  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
Not reported  
Affected Media: Soil  
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Suspected to be present  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Suspected to be present  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**WEIMAN PROPERTY (Continued)**

**S100562856**

Facility ID: 2283  
Facility Status: Not reported  
Rank: Not reported  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 40 0  
Longitude: 122 23 1  
Ecology Site Status relative to the MTCA cleanup process:  
Awaiting Site Hazard Assessment (SHA)  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
Not reported  
Affected Media: Groundwater  
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations  
or manufacturing processes, certain contaminants are suspected to be present at the  
site  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Suspected to be present  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Suspected to be present  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**WEIMAN PROPERTY (Continued)**

**S100562856**

Facility ID: 2283  
 Facility Status: Not reported  
 Rank: Not reported  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 40 0  
 Longitude: 122 23 1  
 Ecology Site Status relative to the MTCA cleanup process:  
 Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
 Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
 Not reported  
 Affected Media: Surface Water  
 Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations  
 or manufacturing processes, certain contaminants are suspected to be present at the  
 site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Suspected to be present
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

54  
 SE  
 1/2-1  
 2893  
 Higher

**THORDARSON PROPERTY**  
 2200 W EMERSON PL  
 SEATTLE, WA 98199

CSCSL

S102258422  
 N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**THORDARSON PROPERTY (Continued)**

**S102258422**

SHWS:

Facility ID: 2582  
Facility Status: Not reported  
Rank: Not reported  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 24  
Longitude: 122 23 6  
Ecology Site Status relative to the MTCA cleanup process:  
Awaiting Site Hazard Assessment (SHA)  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
Not reported  
Affected Media: Soil  
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
Horizontal Collection Method: 18  
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Not reported  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported

55  
NE  
1/2-1  
3440  
Higher

**CHEVRON 60090968  
2021 NW MARKET ST  
SEATTLE, WA 98107**

**RCRIS-SQG 1000434633  
FINDS WAD982657363  
UST  
CSCSL  
LUST**

RCRIS:

Owner: CHEVRON PRODUCTS CO  
(360) 555-1212  
Contact: STEVE MERRITT  
(206) 628-5277  
Record Date: Not reported  
Classification: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**CHEVRON 60090968 (Continued)**

**1000434633**

Used Oil Recyc: No

Violation Status: No violations found

SHWS:

Facility ID: 2472

Facility Status: Not reported

Rank: Not reported

Flag: STATE

Responsible Unit: NW

Latitude: 47 40 7

Longitude: 122 22 59

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Soil

Media Status: R (Remediated) - Contaminants have been treated, removed, or contained to meet cleanup levels established for the site. (This status determination may only be made by Ecology

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 3

EPA Priority Pollutants - Metals and Cyanide: Not reported

Metals - Other non-priority pollutant medals: Not reported

Polychlorinated biPhenyls (PCBs): Not reported

Pesticides: Not reported

Petroleum Products: Treated, removed, or contained

Phenolic Compounds: Not reported

Non-Halogenated Solvents: Not reported

Dioxin: Not reported

Polynuclear Aromatic Hydrocarbons (PAH): Not reported

Reactive Wastes: Not reported

Corrosive Wastes: Not reported

Radioactive Wastes: Not reported

Asbestos: Not reported

Conventional Contaminants, Organic: Not reported

Conventional Contaminants, Inorganic: Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**CHEVRON 60090968 (Continued)**

**1000434633**

Facility ID: 2472  
 Facility Status: Not reported  
 Rank: Not reported  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 40 7  
 Longitude: 122 22 59  
 Ecology Site Status relative to the MTCA cleanup process:  
     Independent Remedial Action  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Independent Site Assessment of Interim Remedial Action Report received  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Not reported  
 Affected Media: Groundwater  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 Horizontal Collection Method: 3  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

LUST:

Facility ID:	5069	Ecology Region:	North Western
Release ID:	1231	Release Date:	3/23/1989 0:00
Release Status:	CLEANUP STARTED	Status Date:	6/1/1995 0:00
Alternate Name:	CHEVRON STATION # 9-0968		
Affected Media:	SOIL		

Facility ID:	5069	Ecology Region:	North Western
Release ID:	1231	Release Date:	3/23/1989 0:00
Release Status:	CLEANUP STARTED	Status Date:	6/1/1995 0:00
Alternate Name:	CHEVRON STATION # 9-0968		
Affected Media:	GROUND WATER		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

CHEVRON 60090968 (Continued)

1000434633

UST:

Facility ID: 5069  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Removed  
Tank Name: 2  
Tank Material: Steel-Unprotected  
Substance: LEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 5069  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Removed  
Tank Name: 1  
Tank Material: Steel-Unprotected  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 5069  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Removed  
Tank Name: 3  
Tank Material: Steel-Unprotected  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 5069  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Removed  
Tank Name: 5  
Tank Material: Steel-Unprotected  
Substance: USED OIL/WASTE OIL  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 5069  
Install Date: 12/31/1964 0:00  
Capacity: 111 to 1,100 Gallons  
Status: Removed  
Tank Name: 4  
Tank Material: Steel-Unprotected  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

56  
East  
1/2-1  
4256  
Higher

BALLARD AUTO WRECKING  
1515 NW LEARY WAY  
SEATTLE, WA 98107

CSCSL S100079751  
N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

**BALLARD AUTO WRECKING (Continued)**

**S100079751**

SHWS:

Facility ID: 2346  
Facility Status: AWAITING RA  
Rank: 2  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 49  
Longitude: 122 22 34

Ecology Site Status relative to the MTCA cleanup process:  
Ranked, Awaiting Remedial Action (RA)

Independent Site Status - those sites undergoing an independent cleanup:  
Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
2 - Moderate to greatest assessed risk to human health and to the environment

Affected Media: Air

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Suspected to be present
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Suspected to be present
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**BALLARD AUTO WRECKING (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**S100079751**

Facility ID: 2346  
 Facility Status: AWAITING RA  
 Rank: 2  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 49  
 Longitude: 122 22 34  
 Ecology Site Status relative to the MTCA cleanup process:  
   Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
   Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
   2 - Moderate to greatest assessed risk to human health and to the environment  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Suspected to be present
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Suspected to be present
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

**BALLARD AUTO WRECKING (Continued)**

**S100079751**

Facility ID: 2346  
Facility Status: AWAITING RA  
Rank: 2  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 49  
Longitude: 122 22 34  
Ecology Site Status relative to the MTCA cleanup process:  
Ranked, Awaiting Remedial Action (RA)  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
2 - Moderate to greatest assessed risk to human health and to the environment  
Affected Media: Sediment  
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Suspected to be present  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Suspected to be present  
Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Suspected to be present  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BALLARD AUTO WRECKING (Continued)**

**S100079751**

Facility ID: 2346  
Facility Status: AWAITING RA  
Rank: 2  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 49  
Longitude: 122 22 34  
Ecology Site Status relative to the MTCA cleanup process:  
Ranked, Awaiting Remedial Action (RA)  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
2 - Moderate to greatest assessed risk to human health and to the environment  
Affected Media: Groundwater  
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations  
or manufacturing processes, certain contaminants are suspected to be present at the  
site  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Suspected to be present  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Suspected to be present  
Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Suspected to be present  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BALLARD AUTO WRECKING (Continued)**

**S100079751**

Facility ID: 2346  
 Facility Status: AWAITING RA  
 Rank: 2  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 49  
 Longitude: 122 22 34  
 Ecology Site Status relative to the MTCA cleanup process:  
     Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     2 - Moderate to greatest assessed risk to human health and to the environment  
 Affected Media: Surface Water  
 Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations  
     or manufacturing processes, certain contaminants are suspected to be present at the  
     site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Suspected to be present
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Suspected to be present
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

57  
 East  
 1/2-1  
 4295  
 Higher

**BALLARD RECYCLING**  
**1509 NW 49TH ST**  
**SEATTLE, WA 98107**

**CSCSL**

**S100079752**  
**N/A**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BALLARD RECYCLING (Continued)**

**S100079752**

SHWS:

Facility ID: 2355  
 Facility Status: AWAITING RA  
 Rank: 3  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 52  
 Longitude: 122 22 34  
 Ecology Site Status relative to the MTCA cleanup process:  
     Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     3 - Moderate assessed risk to human health and to the environment  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 Horizontal Collection Method: 3  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BALLARD RECYCLING (Continued)**

**S100079752**

Facility ID: 2355  
Facility Status: AWAITING RA  
Rank: 3  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 52  
Longitude: 122 22 34  
Ecology Site Status relative to the MTCA cleanup process:  
Ranked, Awaiting Remedial Action (RA)  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
3 - Moderate assessed risk to human health and to the environment  
Affected Media: Sediment  
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Not reported  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BALLARD RECYCLING (Continued)**

**S100079752**

Facility ID: 2355  
Facility Status: AWAITING RA  
Rank: 3  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 52  
Longitude: 122 22 34  
Ecology Site Status relative to the MTCA cleanup process:  
Ranked, Awaiting Remedial Action (RA)  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
3 - Moderate assessed risk to human health and to the environment  
Affected Media: Groundwater  
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations  
or manufacturing processes, certain contaminants are suspected to be present at the  
site  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Not reported  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BALLARD RECYCLING (Continued)**

**S100079752**

Facility ID: 2355  
 Facility Status: AWAITING RA  
 Rank: 3  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 52  
 Longitude: 122 22 34  
 Ecology Site Status relative to the MTCA cleanup process:  
 Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
 Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
 3 - Moderate assessed risk to human health and to the environment  
 Affected Media: Surface Water  
 Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations  
 or manufacturing processes, certain contaminants are suspected to be present at the  
 site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

58 INTERBAY PRINTS450-1-2 LS50 1STSUB  
 SE 1809 W EMERSON  
 1/2-1 SEATTLE, WA 98199  
 4397  
 Higher

UST U001128753  
 CSCSL N/A  
 LUST

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

INTERBAY PRINTS450-1-2 LS50 1STSUB (Continued)

U001128753

SHWS:

Facility ID: 2331  
Facility Status: INDEPENDENT RA  
Rank: 1  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 14  
Longitude: 122 22 48

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

1 - Greatest assessed risk to human health and to the environment

Affected Media: Air

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Suspected to be present
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**INTERBAY PRINTS450-1-2 LS50 1STSUB (Continued)**

**U001128753**

Facility ID: 2331  
 Facility Status: INDEPENDENT RA  
 Rank: 1  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 14  
 Longitude: 122 22 48  
 Ecology Site Status relative to the MTCA cleanup process:  
 Independent Remedial Action  
 Independent Site Status - those sites undergoing an independent cleanup:  
 Independent Site Assessment of Interim Remedial Action Report received  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
 1 - Greatest assessed risk to human health and to the environment  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
 been confirmed by laboratory analysis (or field determination in the case of petroleum  
 contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Suspected to be present
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

INTERBAY PRINTS450-1-2 LS50 1STSUB (Continued)

U001128753

Facility ID: 2331  
Facility Status: INDEPENDENT RA  
Rank: 1  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 14  
Longitude: 122 22 48  
Ecology Site Status relative to the MTCA cleanup process:  
Independent Remedial Action  
Independent Site Status - those sites undergoing an independent cleanup:  
Independent Site Assessment of Interim Remedial Action Report received  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
1 - Greatest assessed risk to human health and to the environment  
Affected Media: Sediment  
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations  
or manufacturing processes, certain contaminants are suspected to be present at the  
site  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Suspected to be present  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Suspected to be present  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Suspected to be present  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

INTERBAY PRINTS450-1-2 LS50 1STSUB (Continued)

U001128753

Facility ID: 2331  
Facility Status: INDEPENDENT RA  
Rank: 1  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 14  
Longitude: 122 22 48  
Ecology Site Status relative to the MTCA cleanup process:  
Independent Remedial Action  
Independent Site Status - those sites undergoing an independent cleanup:  
Independent Site Assessment of Interim Remedial Action Report received  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
1 - Greatest assessed risk to human health and to the environment  
Affected Media: Groundwater  
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Not reported  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Suspected to be present  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**INTERBAY PRINTS450-1-2 LS50 1STSUB (Continued)**

**U001128753**

Facility ID: 2331  
 Facility Status: INDEPENDENT RA  
 Rank: 1  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 14  
 Longitude: 122 22 48  
 Ecology Site Status relative to the MTCA cleanup process:  
     Independent Remedial Action  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Independent Site Assessment of Interim Remedial Action Report received  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     1 - Greatest assessed risk to human health and to the environment  
 Affected Media: Surface Water  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Confirmed above MTCA cleanup levels  
 Horizontal Collection Method: 3  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Suspected to be present  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Suspected to be present  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

**LUST:**

Facility ID:	9422	Ecology Region:	North Western
Release ID:	2220	Release Date:	5/1/1991 0:00
Release Status:	REPORTED CLEANED UP	Status Date:	6/1/1995 0:00
Alternate Name:	BURLINGTON NORTHERN INTERBAY		
Affected Media:	SOIL		

Facility ID:	9422	Ecology Region:	North Western
Release ID:	2220	Release Date:	5/1/1991 0:00
Release Status:	CLEANUP STARTED	Status Date:	5/1/1991 0:00
Alternate Name:	BURLINGTON NORTHERN INTERBAY		
Affected Media:	SOIL		



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

INTERBAY PRINTS450-1-2 LS50 1STSUB (Continued)

U001128753

UST:

Facility ID: 9422  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Removed  
Tank Name: INT-10  
Tank Material: Not reported  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 9422  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Removed  
Tank Name: INT-11  
Tank Material: Not reported  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 9422  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: REMOVED  
Tank Name: 9  
Tank Material: Not reported  
Substance: KEROSENE  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 9422  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Removed  
Tank Name: INT-9  
Tank Material: Not reported  
Substance: HEATING FUEL  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 9422  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: REMOVED  
Tank Name: 1  
Tank Material: Not reported  
Substance: USED OIL/WASTE OIL  
Compartment #: 1  
Ecology Region: North Western

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

INTERBAY PRINTS450-1-2 LS50 1STSUB (Continued)

U001128753

Facility ID: 9422  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Removed  
Tank Name: INT-2  
Tank Material: Steel-Unprotected  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 9422  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Removed  
Tank Name: INT-4  
Tank Material: Steel-Unprotected  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 9422  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Removed  
Tank Name: INT-8  
Tank Material: Steel-Unprotected  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 9422  
Install Date: 12/1/1970 0:00  
Capacity: Not reported  
Status: REMOVED  
Tank Name: INT-7  
Tank Material: Not reported  
Substance: USED OIL/WASTE OIL  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 9422  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Closed in Place  
Tank Name: INT-3  
Tank Material: Steel-Unprotected  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**INTERBAY PRINTS450-1-2 LS50 1STSUB (Continued)**

**U001128753**

Facility ID: 9422  
Install Date: 9/30/1965 0:00  
Capacity: Not reported  
Status: REMOVED  
Tank Name: INT-12  
Tank Material: Steel-Unprotected  
Substance: USED OIL/WASTE OIL  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 9422  
Install Date: 7/10/1980 0:00  
Capacity: 10,000 TO 19,999 GALLONS  
Status: REMOVED  
Tank Name: INT-6  
Tank Material: Not reported  
Substance: USED OIL/WASTE OIL  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 9422  
Install Date: 12/31/1964 0:00  
Capacity: 111 to 1,100 Gallons  
Status: Removed  
Tank Name: INT-5  
Tank Material: Steel-Unprotected  
Substance: LEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

59  
SW  
1/2-1  
4667  
Higher

DISCOVERY PARK OLD MAINT YD  
DISCOVERY PARK 40TH W W EMERSON  
SEATTLE, WA 98199

CSCSL

S102258086  
N/A

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**DISCOVERY PARK OLD MAINT YD (Continued)**

**S102258086**

SHWS:

Facility ID: 2578  
 Facility Status: Not reported  
 Rank: Not reported  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 46  
 Longitude: 122 25 3  
 Ecology Site Status relative to the MTCA cleanup process:  
 Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
 Independent Site Assessment of Interim Remedial Action Report received  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
 Not reported  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
 been confirmed by laboratory analysis (or field determination in the case of petroleum  
 contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 Horizontal Collection Method: 4  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

60  
 ENE  
 1/2-1  
 4699  
 Higher

**THE TUX SHOP  
 5409 15TH AVE NW  
 SEATTLE, WA 98107**

**CSCSL**

**S102554739  
 N/A**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**THE TUX SHOP (Continued)**

**S102554739**

SHWS:

Facility ID: 6819  
 Facility Status: Not reported  
 Rank: Not reported  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 40 7  
 Longitude: 122 22 35  
 Ecology Site Status relative to the MTCA cleanup process:  
     Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Independent Site Assessment of Interim Remedial Action Report received  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Not reported  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Confirmed above MTCA cleanup levels  
 Horizontal Collection Method: 4  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**THE TUX SHOP (Continued)**

**S102554739**

Facility ID: 6819  
 Facility Status: Not reported  
 Rank: Not reported  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 40 7  
 Longitude: 122 22 35  
 Ecology Site Status relative to the MTCA cleanup process:  
     Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Independent Site Assessment of Interim Remedial Action Report received  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Not reported  
 Affected Media: Groundwater  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
Horizontal Collection Method:	4
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

61  
 East  
 1/2-1  
 4791  
 Higher

**MAMCO MFG BLDGS B&C**  
**1415 / 1427 NW 49TH ST**  
**SEATTLE, WA 98107**

CSCSL

S100835730  
 N/A

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**MAMCO MFG BLDGS B&C (Continued)**

**S100835730**

SHWS:

Facility ID: 2478  
 Facility Status: Not reported  
 Rank: Not reported  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 52  
 Longitude: 122 22 26  
 Ecology Site Status relative to the MTCA cleanup process:  
 Independent Remedial Action  
 Independent Site Status - those sites undergoing an independent cleanup:  
 Independent Site Assessment of Interim Remedial Action Report received  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
 Not reported  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 Horizontal Collection Method: 3  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**MAMCO MFG BLDGS B&C (Continued)**

**S100835730**

Facility ID: 2478  
 Facility Status: Not reported  
 Rank: Not reported  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 52  
 Longitude: 122 22 26  
 Ecology Site Status relative to the MTCA cleanup process:  
     Independent Remedial Action  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Independent Site Assessment of Interim Remedial Action Report received  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Not reported  
 Affected Media: Sediment  
 Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations  
     or manufacturing processes, certain contaminants are suspected to be present at the  
     site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**MAMCO MFG BLDGS B&C (Continued)**

**S100835730**

Facility ID: 2478  
 Facility Status: Not reported  
 Rank: Not reported  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 52  
 Longitude: 122 22 26  
 Ecology Site Status relative to the MTCA cleanup process:  
 Independent Remedial Action  
 Independent Site Status - those sites undergoing an independent cleanup:  
 Independent Site Assessment of Interim Remedial Action Report received  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
 Not reported  
 Affected Media: Groundwater  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Confirmed above MTCA cleanup levels  
 Horizontal Collection Method: 3  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

62  
 East  
 1/2-1  
 4822  
 Higher

**GENERAL DISPOSAL CORP**  
**1415 NW BALLARD WAY**  
**SEATTLE, WA 98107**

**CERC-NFRAP 1000214216**  
**UST WAD043023449**  
**CSCSL**  
**LUST**

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported  
 Ownership Status: Other

Federal Facility: Not a Federal Facility  
 NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY  
 Assessment: PRELIMINARY ASSESSMENT

Completed: 19810601  
 Completed: 19850508

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**GENERAL DISPOSAL CORP (Continued)**

**1000214216**

SHWS:

Facility ID: 2122  
 Facility Status: AWAITING RA  
 Rank: 5  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 46  
 Longitude: 122 22 26  
 Ecology Site Status relative to the MTCA cleanup process:  
 Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
 Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
 5 - Lowest assessed risk to human health and to the environment  
 Affected Media: Air  
 Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations  
 or manufacturing processes, certain contaminants are suspected to be present at the  
 site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**GENERAL DISPOSAL CORP (Continued)**

**1000214216**

Facility ID: 2122  
Facility Status: AWAITING RA  
Rank: 5  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 46  
Longitude: 122 22 26  
Ecology Site Status relative to the MTCA cleanup process:  
Ranked, Awaiting Remedial Action (RA)  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
5 - Lowest assessed risk to human health and to the environment  
Affected Media: Soil  
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

GENERAL DISPOSAL CORP (Continued)

1000214216

Facility ID: 2122  
Facility Status: AWAITING RA  
Rank: 5  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 46  
Longitude: 122 22 26  
Ecology Site Status relative to the MTCA cleanup process:  
Ranked, Awaiting Remedial Action (RA)  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
5 - Lowest assessed risk to human health and to the environment  
Affected Media: Groundwater  
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**GENERAL DISPOSAL CORP (Continued)**

**1000214216**

Facility ID: 2122  
 Facility Status: AWAITING RA  
 Rank: 5  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 46  
 Longitude: 122 22 26  
 Ecology Site Status relative to the MTCA cleanup process:  
   Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
   Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
   5 - Lowest assessed risk to human health and to the environment  
 Affected Media: Surface Water  
 Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations  
   or manufacturing processes, certain contaminants are suspected to be present at the  
   site  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 Horizontal Collection Method: 3  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Suspected to be present  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

**LUST:**

Facility ID: 101049 Ecology Region: North Western  
 Release ID: 460893 Release Date: 11/14/1997 0:00  
 Release Status: CLEANUP STARTED Status Date: 11/14/1997 0:00  
 Alternate Name: GENERAL DISPOSAL BALLARD  
 Affected Media: SOIL

**UST:**

Facility ID: 101049  
 Install Date: 12/31/1964 0:00  
 Capacity: 10,000 TO 19,999 GALLONS  
 Status: REMOVED  
 Tank Name: 2  
 Tank Material: Not reported  
 Substance: DIESEL  
 Compartment #: 1  
 Ecology Region: North Western

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**GENERAL DISPOSAL CORP (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

1000214216

Facility ID: 101049  
Install Date: 1/1/1979 0:00  
Capacity: 20,000 TO 29,999 GALLONS  
Status: REMOVED  
Tank Name: 3  
Tank Material: Not reported  
Substance: DIESEL  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 101049  
Install Date: 1/1/1979 0:00  
Capacity: 111 TO 1,000 GALLONS  
Status: REMOVED  
Tank Name: 1  
Tank Material: Not reported  
Substance: UNLEADED GASOLINE  
Compartment #: 1  
Ecology Region: North Western

63  
ENE  
1/2-1  
4945  
Higher

**MAMCO MFG BLDG A  
1411 NW 50TH ST  
SEATTLE, WA 98107**

**RCRIS-SQG 1000177084  
FINDS WAD059324533  
UST  
CSCSL**

**RCRIS:**

Owner: MAMCO MANUFACTURING INC  
(360) 789-1111  
Contact: BRADLEY KELTTO  
(206) 789-1111  
Record Date: 12/31/1997  
Classification: Conditionally Exempt Small Quantity Generator  
Used Oil Recyc: No  
Violation Status: Violation information exist

There are 2 violation record(s) reported at this site:

Evaluation  
Compliance Evaluation Inspection (CEI)

Area of Violation  
Generator-All Requirements  
Generator-All Requirements

Date of  
Compliance  
08/04/1997  
08/04/1997

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
National Compliance Database (NCDB)

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

MAMCO MFG BLDG A (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000177084

SHWS:

Facility ID: 2477  
Facility Status: Not reported  
Rank: Not reported  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 54  
Longitude: 122 22 25  
Ecology Site Status relative to the MTCA cleanup process:  
Independent Remedial Action  
Independent Site Status - those sites undergoing an independent cleanup:  
Independent Site Assessment of Interim Remedial Action Report received  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
Not reported  
Affected Media: Soil  
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Not reported  
Petroleum Products: Not reported  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

MAMCO MFG BLDG A (Continued)

1000177084

Facility ID: 2477  
Facility Status: Not reported  
Rank: Not reported  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 54  
Longitude: 122 22 25  
Ecology Site Status relative to the MTCA cleanup process:  
Independent Remedial Action  
Independent Site Status - those sites undergoing an independent cleanup:  
Independent Site Assessment of Interim Remedial Action Report received  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
Not reported  
Affected Media: Sediment  
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant metals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Not reported  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**MAMCO MFG BLDG A (Continued)**

1000177084

Facility ID: 2477  
 Facility Status: Not reported  
 Rank: Not reported  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 54  
 Longitude: 122 22 25  
 Ecology Site Status relative to the MTCA cleanup process:  
     Independent Remedial Action  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Independent Site Assessment of Interim Remedial Action Report received  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Not reported  
 Affected Media: Groundwater  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Confirmed above MTCA cleanup levels  
 Horizontal Collection Method: 3  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

UST:

Facility ID: 6953  
 Install Date: 12/31/1964 0:00  
 Capacity: 111 to 1,100 Gallons  
 Status: Closed in Place  
 Tank Name: 1  
 Tank Material: Steel-Unprotected  
 Substance: Not reported  
 Compartment #: 1  
 Ecology Region: North Western

64  
 ENE  
 1/2-1  
 5134  
 Higher

**BARDAHL**  
 1400 NW 52ND ST  
 SEATTLE, WA 98107

**FINDS** 1000184588  
**RCRIS-LQG** WAD009264649  
**TRIS**  
**UST**  
**WA ICR**  
**CSCSL**  
**LUST**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BARDAHL (Continued)**

**1000184588**

RCRIS:

Owner: BARDAHL MANUFACTURING CORP  
(206) 783-4851  
Contact: JOHN WILSON  
(206) 783-4851  
Record Date: 12/31/1997  
Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1997

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	47288.00	D018	47288.00
F003	47288.00	F005	47288.00

Used Oil Recyc: No

Violation Status: Violation information exist

There are 4 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	01/26/1997
	Generator-All Requirements	01/28/1997
	Generator-All Requirements	01/26/1997
	Generator-All Requirements	01/26/1997

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BARDAHL (Continued)**

**1000184588**

SHWS:

Facility ID: 2308  
Facility Status: AWAITING RA  
Rank: 3  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 59  
Longitude: 122 22 24  
Ecology Site Status relative to the MTCA cleanup process:  
Ranked, Awaiting Remedial Action (RA)  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
3 - Moderate assessed risk to human health and to the environment  
Affected Media: Soil  
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**BARDAHL (Continued)**

Database(s)      EDR ID Number  
 EPA ID Number

**1000184588**

Facility ID: 2308  
 Facility Status: AWAITING RA  
 Rank: 3  
 Flag: STATE  
 Responsible Unit: NW  
 Latitude: 47 39 59  
 Longitude: 122 22 24  
 Ecology Site Status relative to the MTCA cleanup process:  
     Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     3 - Moderate assessed risk to human health and to the environment  
 Affected Media: Groundwater  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BARDAHL (Continued)**

**1000184588**

Facility ID: 2308  
Facility Status: AWAITING RA  
Rank: 3  
Flag: STATE  
Responsible Unit: NW  
Latitude: 47 39 59  
Longitude: 122 22 24  
Ecology Site Status relative to the MTCA cleanup process:  
Ranked, Awaiting Remedial Action (RA)  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
3 - Moderate assessed risk to human health and to the environment  
Affected Media: Surface Water  
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations  
or manufacturing processes, certain contaminants are suspected to be present at the  
site

Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
Horizontal Collection Method: 3  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Non-Halogenated Solvents: Not reported  
Dioxin: Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported

**LUST:**

Facility ID: 2222 Ecology Region: North Western  
Release ID: 3934 Release Date: 10/13/1992 0:00  
Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00  
Alternate Name: BARDAHL MANUFACTURING  
Affected Media: SOIL

**WA ICR:**

Date Ecology Received Report: 06/28/1993  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Cause of Contamination: Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 93-04  
County Code: 17

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**BARDAHL (Continued)**

**1000184588**

Date Ecology Received Report: 07/21/1994  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Cause of Contamination: Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 94-03  
County Code: 17

UST:

Facility ID: 2222  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Closure in Process  
Tank Name: 1  
Tank Material: Steel-Unprotected  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 2222  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Closure in Process  
Tank Name: 2  
Tank Material: Steel-Unprotected  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

Facility ID: 2222  
Install Date: 12/31/1964 0:00  
Capacity: Not reported  
Status: Closure in Process  
Tank Name: 3  
Tank Material: Steel-Unprotected  
Substance: Not reported  
Compartment #: 1  
Ecology Region: North Western

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
SEATTLE	S103505014	NIX AUTO WRECKING	11TH AVE. NW AND LEARY WAY NW	98107	WA ICR	
SEATTLE	S103512940	CALIFORNIA AVE. LAW APTS. PROP.	3703, 3705, 3707 CALIFORNIA AVE.	98107	WA ICR	
SEATTLE	S103508159	MAMCO PROPERTIES/QAF MANUFACTURING, INC.	1411 NW 50TH/1427 NW 49TH/1415 NW 49TH	98107	WA ICR	
SEATTLE	98517882	2611 NW 54TH ST BALLARD OIL CO	2611 NW 54TH ST BALLARD OIL CO		ERNS	
SEATTLE	S104223669	SR 99 & FIRST AVE. BRIDGE SPILL/WSDOT	SR 99 / FIRST AVE. BRIDGE		WA ICR	
SEATTLE	S103850789	KERN & GREENE PROPERTY	822 AND 824 NW 46TH ST.	98107	WA ICR	
SEATTLE	S103508370	NW BOLTS AND NUTS	4250 8TH AVE NW	98107	WA ICR	
SEATTLE	S103504065	MEHRER DRYWALL, INC.	2657 20TH AVE W	98199	WA ICR	
SEATTLE	98444168	BALLARD OIL 5300 26TH AVE NW	BALLARD OIL 5300 26TH AVE NW		ERNS	
SEATTLE	99631947	BALLARD OIL COMPANY 5300 26TH AVE NW	BALLARD OIL COMPANY 5300 26TH AVE NW		ERNS	
SEATTLE	99635538	BALLARD OIL	BALLARD OIL		ERNS	
SEATTLE	99648082	BALLARD OIL FUEL DOCK 5300 26TH AVE NW	BALLARD OIL FUEL DOCK 5300 26TH AVE NW		ERNS	
SEATTLE	99640075	LAKE WASHINGTON SHIP	LAKE WASHINGTON SHIP		ERNS	
SEATTLE	99649797	BALLARD OIL CO 5300 26TH AVE NW	BALLARD OIL CO 5300 26TH AVE NW		ERNS	
SEATTLE	90166317	BETWEEN BALLARD OIL & PACIFIC WEST CO.	BETWEEN BALLARD OIL & PACIFIC WEST CO.		ERNS	
SEATTLE	91239881	CHEVRON OIL DOCK	CHEVRON OIL DOCK		ERNS	
SEATTLE	S103511549	BNRR (FORMER GLACIER PARK PROPERTY)	SW CORNER OCCIDENTAL AVE./LANDER ST.		WA ICR	
SEATTLE	S103510272	US ARMY - FORT LAWTON	DISCOVERY PARK	98199	WA ICR	
SEATTLE	S103511515	DISCOVERY PARK/SEATTLE PARKS DEPARTMENT	DISCOVERY PARK	98199	WA ICR	
SEATTLE	S103505765	BURLINGTON NORTHERN RAILROAD - BALMER YAR	1809 N. EMERSON	98199	WA ICR	
SEATTLE	U003528701	DISCOVER PARK	3801 GOVERNMENT WAY	98199	UST	485865
SEATTLE	S104179584	SOUTH PARK ABANDONED LANDFILL	IMMEDIATELY SOUTH OF SOUTH KENYON STF BETWEEN H		SWF/LF	
SEATTLE	99647268	LAKE UNION BALLARD OIL DOCK	LAKE UNION BALLARD OIL DOCK		ERNS	
SEATTLE	98418175	LEAKED LUBE OIL & RAIN WASHED SOME MATERIAL INTO THE BAY	LEAKED LUBE OIL & RAIN WASHED SOME MATERIAL INTO THE BAY		ERNS	
SEATTLE	S103507744	HATCH AND KIRK INC.	51111 LEARY AVE. NW	98107	WA ICR	
SEATTLE	98482178	NOT SURE IF OIL SLICK OR NOT.	NOT SURE IF OIL SLICK OR NOT.		ERNS	
SEATTLE	98485083	OIL TERMINAL OF COVITCH AND WILLIAMS/SHILSHOLE AVENUE/BALLAR	OIL TERMINAL OF COVITCH AND WILLIAMS/SHILSHOLE AVENUE/BALLAR	98199	ERNS	
SEATTLE	S103296744	PACIFIC CLEANING & CHYEMICAL COMPANY	PACIFIC CLEANING / CHYEMICAL COMPANY		CSCSL	
SEATTLE	S103509778	TERMINAL 91	PORT OF SEATTLE	98199	WA ICR	
SEATTLE	S104179583	GENESEE PARK ABANDONED LANDFILL	RAINIER VALLEY ON LAKE WASHINGTON BETWEEN 38TH AND		SWF/LF	
SEATTLE	88134477	ROSSEE ENERGY SYSTEMS & OIL	ROSSEE ENERGY SYSTEMS & OIL		ERNS	
SEATTLE	S103350801	SOUTH TS / SOUTH HHW FACILITY - MRW	7800 SECOND AVENUE S		SWF/LF	NKS6
SEATTLE	877354	SEVERAL SMALL CONTAINERS OF AN OIL OR PAINT THINNER	SEVERAL SMALL CONTAINERS OF AN OIL OR PAINT THINNER		ERNS	
SEATTLE	98436381	SHEEN SIZE: 500 FT X 60 FT / COLOR: *OLD OIL	SHEEN SIZE: 500 FT X 60 FT / COLOR: *OLD OIL		ERNS	
SEATTLE	1000164893	SAGSTAD MARINA	5109 SHILSHOLE AVE NW	98107	RCRIS-SQG, WA ICR	

## EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D018	BENZENE
D039	TETRACHLOROETHYLENE
D040	TRICHLOROETHYLENE
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.





# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Elapsed ASTM days:** Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

## FEDERAL ASTM STANDARD RECORDS

### **NPL: National Priority List**

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC).

Date of Government Version: 02/04/00

Date Made Active at EDR: 03/15/00

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/07/00

Elapsed ASTM days: 37

Date of Last EDR Contact: 05/09/00

### **DELISTED NPL: NPL Deletions**

Source: EPA

Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 11/08/99

Date Made Active at EDR: 03/15/00

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/07/00

Elapsed ASTM days: 37

Date of Last EDR Contact: 05/09/00

### **CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System**

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/14/00

Date Made Active at EDR: 03/15/00

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/02/00

Elapsed ASTM days: 13

Date of Last EDR Contact: 02/28/00

### **CERCLIS-NFRAP: No Further Remedial Action Planned**

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 02/14/00

Date Made Active at EDR: 03/15/00

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/02/00

Elapsed ASTM days: 13

Date of Last EDR Contact: 02/28/00

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**CORRACTS:** Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/07/99

Date Made Active at EDR: 10/28/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 09/13/99

Elapsed ASTM days: 45

Date of Last EDR Contact: 03/13/00

**RCRIS:** Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 12/22/99

Date Made Active at EDR: 03/23/00

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 01/07/00

Elapsed ASTM days: 76

Date of Last EDR Contact: 03/01/00

**ERNS:** Emergency Response Notification System

Source: EPA/NTIS

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 01/06/00

Date Made Active at EDR: 02/08/00

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/31/00

Elapsed ASTM days: 8

Date of Last EDR Contact: 05/05/00

**FEDERAL ASTM SUPPLEMENTAL RECORDS****BRS:** Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/97

Database Release Frequency: Biennially

Date of Last EDR Contact: 12/20/99

Date of Next Scheduled EDR Contact: 03/20/00

**CONSENT:** Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: Varies

Database Release Frequency: Varies

Date of Last EDR Contact: Varies

Date of Next Scheduled EDR Contact: N/A

**ROD:** Records Of Decision

Source: NTIS

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/31/99

Database Release Frequency: Annually

Date of Last EDR Contact: 04/10/00

Date of Next Scheduled EDR Contact: 07/10/00

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**FINDS: Facility Index System/Facility Identification Initiative Program Summary Report**

Source: EPA

Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/13/99

Date of Last EDR Contact: 03/29/00

Database Release Frequency: Quarterly

Date of Next Scheduled EDR Contact: 07/10/00

**HMIRS: Hazardous Materials Information Reporting System**

Source: U.S. Department of Transportation

Telephone: 202-366-4526

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/30/99

Date of Last EDR Contact: 03/15/00

Database Release Frequency: Annually

Date of Next Scheduled EDR Contact: 04/24/00

**MLTS: Material Licensing Tracking System**

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/29/99

Date of Last EDR Contact: 04/10/00

Database Release Frequency: Quarterly

Date of Next Scheduled EDR Contact: 07/10/00

**MINES: Mines Master Index File**

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959

Date of Government Version: 08/01/98

Date of Last EDR Contact: 04/03/00

Database Release Frequency: Semi-Annually

Date of Next Scheduled EDR Contact: 07/03/00

**NPL LIENS: Federal Superfund Liens**

Source: EPA

Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91

Date of Last EDR Contact: 02/24/00

Database Release Frequency: No Update Planned

Date of Next Scheduled EDR Contact: 05/22/00

**PADS: PCB Activity Database System**

Source: EPA

Telephone: 202-260-3936

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/01/99

Date of Last EDR Contact: 03/16/00

Database Release Frequency: No Update Planned

Date of Next Scheduled EDR Contact: 05/15/00

**RAATS: RCRA Administrative Action Tracking System**

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95

Date of Last EDR Contact: 03/13/00

Database Release Frequency: No Update Planned

Date of Next Scheduled EDR Contact: 06/12/00

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **TRIS: Toxic Chemical Release Inventory System**

Source: EPA

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/97

Database Release Frequency: Annually

Date of Last EDR Contact: 03/27/00

Date of Next Scheduled EDR Contact: 06/26/00

## **TSCA: Toxic Substances Control Act**

Source: EPA

Telephone: 202-260-1444

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/94

Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 04/24/00

Date of Next Scheduled EDR Contact: 07/24/00

## **STATE OF WASHINGTON ASTM STANDARD RECORDS**

### **CSCSL: Confirmed & Suspected Contaminated Sites List**

Source: Department of Ecology

Telephone: 360-407-7200

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 11/29/99

Date Made Active at EDR: 05/11/00

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 04/04/00

Elapsed ASTM days: 37

Date of Last EDR Contact: 04/04/00

### **HSL: Hazardous Sites List**

Source: Department of Ecology

Telephone: 360-407-7200

The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Date of Government Version: 02/29/00

Date Made Active at EDR: 04/28/00

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 03/13/00

Elapsed ASTM days: 46

Date of Last EDR Contact: 03/13/00

### **LF: Solid Waste Facility Database**

Source: Department of Ecology

Telephone: 360-407-6132

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/01/99

Date Made Active at EDR: 11/11/99

Database Release Frequency: Annually

Date of Data Arrival at EDR: 11/03/99

Elapsed ASTM days: 8

Date of Last EDR Contact: 04/10/00

### **LUST: Leaking Underground Storage Tanks Site List**

Source: Department of Ecology

Telephone: 360-407-7200

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/22/00

Date Made Active at EDR: 05/30/00

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/01/00

Elapsed ASTM days: 29

Date of Last EDR Contact: 05/01/00

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **UST: Underground Storage Tank Database**

Source: Department of Ecology  
Telephone: 360-407-7170

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/22/00  
Date Made Active at EDR: 05/25/00  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/01/00  
Elapsed ASTM days: 24  
Date of Last EDR Contact: 05/01/00

## **STATE OF WASHINGTON ASTM SUPPLEMENTAL RECORDS**

### **ICR: Independent Cleanup Reports**

Source: Department of Ecology  
Telephone: 360-407-7200

These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree.

Date of Government Version: 02/15/00  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/20/99  
Date of Next Scheduled EDR Contact: 02/21/00

### **AIR EMISSIONS: Washington Emissions Data System**

Source: Department of Ecology  
Telephone: 360-407-6040

Date of Government Version: 12/31/97  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/26/00  
Date of Next Scheduled EDR Contact: 07/24/00

## **LOCAL RECORDS**

### **KING COUNTY:**

#### **Abandoned Landfill Study in King County**

Source: Seattle-King County Department of Public Health  
Telephone: 206-296-4785

The King County Abandoned Landfill Survey was conducted from October through December 1984 by the Health Department's Environmental Health Division at the request of the King County Council. The primary objective of the survey was to determine if any public health problems existed at the predetermined 24 sites.

Date of Government Version: 04/30/85  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/21/94  
Date of Next Scheduled EDR Contact: N/A

### **SEATTLE COUNTY:**

#### **Abandoned Landfill Study in the City of Seattle**

Source: Seattle - King County Department of Public Health  
Telephone: 206-296-4785

The Seattle Abandoned Landfill Survey was conducted in June and July of 1984 by the Health Department's Environmental Health Division at the request of the Mayor's Office. The primary objective of the survey was to determine if any public health problems existed at the predetermined 12 sites.

Date of Government Version: 07/30/84  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/21/94  
Date of Next Scheduled EDR Contact: N/A

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SEATTLE/KING COUNTY:

### Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project

Source: Department of Public Health  
Telephone: 206-296-4785

This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

Date of Government Version: 12/31/86  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/14/95  
Date of Next Scheduled EDR Contact: N/A

## SNOHOMISH COUNTY:

### Solid Waste Sites of Record at Snohomish Health District

Source: Snohomish Health District  
Telephone: 206-339-5250

Date of Government Version: 03/16/00  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/26/00  
Date of Next Scheduled EDR Contact: 07/24/00

## TACOMA/PIERCE COUNTY:

### Closed Landfill Survey

Source: Tacoma-Pierce County Health Department  
Telephone: 206-591-6500

Following numerous requests for information about closed dumpsites and landfills in Pierce County, the Tacoma-Pierce County Health Department decided to conduct a study on the matter. The aim of the study was to evaluate public health risks associated with the closed dumpsites and landfills, and to determine the need, if any, for further investigations of a more detailed nature. The sites represent all of the known dumpsites and landfills closed after 1950.

Date of Government Version: 04/15/93  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 01/11/95  
Date of Next Scheduled EDR Contact: N/A

## EDR PROPRIETARY DATABASES

**Former Manufactured Gas (Coal Gas) Sites:** The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

### **Disclaimer Provided by Real Property Scan, Inc.**

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

## HISTORICAL AND OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**Oil/Gas Pipelines/Electrical Transmission Lines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in March 1997 from the U.S. Fish and Wildlife Service.

**Water Dams:** National Inventory of Dams

Source: Federal Emergency Management Agency

Telephone: 202-646-2801

National computer database of more than 74,000 dams maintained by the Federal Emergency Management Agency.





## GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

TIME OIL COMPANY  
2737 WEST COMMODORE WAY  
SEATTLE, WA 98199

### TARGET PROPERTY COORDINATES

Latitude (North):	47.662392 - 47° 39' 44.6"
Longitude (West):	122.391968 - 122° 23' 31.1"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	545652.8
UTM Y (Meters):	5278737.5

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-97, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2447122-F4 SHILSHOLE BAY, WA  
Source: USGS 7.5 min quad index

## GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General NNE

Source: General Topographic Gradient has been determined from the USGS 1 Degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## FEMA FLOOD ZONE

<u>Target Property County</u> KING, WA	<u>FEMA Q3 Flood Data Electronic Coverage</u> YES
Flood Plain Panel at Target Property: Additional Panels in search area:	53033C0320F / CWPP 53033C0340F / CWPP

## NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> SHILSHOLE BAY	<u>NWI Electronic Coverage</u> YES
---	---------------------------------------

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Site-Specific Hydrogeological Data\*:

Search Radius: 2.0 miles  
 Location Relative to TP: 1/4 - 1/2 Mile NE  
 Site Name: HONEYWELL INC.  
 Site EPA ID Number: WAD010215184  
 Groundwater Flow Direction: S TOWARD SALMON BAY  
 Inferred Depth to Water: less than 5 feet  
 Hydraulic Connection: The near-surface deposits include sand and gravel to a depth of approximately 36 feet and gravel interbedded with clay to a depth of 123 feet.  
 Sole Source Aquifer: A sole source aquifer is not present at or near the site  
 Data Quality: Information is inferred in the CERCLIS investigation report(s)

### AQUIFLOW™

Search Radius: 2.000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	0 - 1/8 Mile ESE	WSW
2	1/4 - 1/2 Mile North	S
7	1/2 - 1 Mile NNE	SW
B10	1/2 - 1 Mile SE	Not Reported
16	1 - 2 Miles East	SE
17	1 - 2 Miles East	SW
18	1 - 2 Miles NNE	S
19	1 - 2 Miles ENE	Not Reported
20	1 - 2 Miles South	ENE
21	1 - 2 Miles SSE	SE
22	1 - 2 Miles NNW	SW

For additional site information, refer to Physical Setting Source Map Findings.

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### ROCK STRATIGRAPHIC UNIT

Geologic Code: Q  
 Era: Cenozoic  
 System: Quaternary  
 Series: Quaternary

#### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

\* ©1998 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Surface Texture: loamy sand

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat excessive. Soils have high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information						
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)
	Upper	Lower		AASHTO Group	Unified Soil	
1	0 inches	20 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COURSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00
2	20 inches	38 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COURSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00
3	38 inches	60 inches	gravelly - sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COURSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 20.00

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information						
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)
	Upper	Lower		AASHTO Group	Unified Soil	
4	60 inches	70 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COURSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: fine sandy loam  
silt loam  
silty clay loam  
gravelly - loam  
gravelly - coarse sand  
muck  
loam

Surficial Soil Types: fine sandy loam  
silt loam  
silty clay loam  
gravelly - loam  
gravelly - coarse sand  
muck  
loam

Shallow Soil Types: fine sandy loam  
silty clay loam  
silt loam  
peaty - silt loam  
loam  
sandy loam

Deeper Soil Types: silt loam  
silty clay loam  
very gravelly - coarse sand  
stratified  
loamy fine sand  
very gravelly - sand  
sapric material  
sand  
very gravelly - loamy sand  
loamy sand

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-97, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
3	473954122225001	1/2 - 1 Mile ENE
A5	474022122235301	1/2 - 1 Mile NNW
A6	474023122235401	1/2 - 1 Mile NNW
A9	474024122235501	1/2 - 1 Mile NNW
A11	474025122235601	1/2 - 1 Mile NNW
A12	474026122235701	1/2 - 1 Mile NNW
B13	473915122224001	1/2 - 1 Mile SE
14	473908122224701	1/2 - 1 Mile SE
15	474022122224401	1/2 - 1 Mile NE

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

# PHYSICAL SETTING SOURCE MAP - 502304.1s



- ∨ Major Roads
- Contour Lines
- ⊕ Water Wells
- ⊕ Public Water Supply Wells
- ↑ Groundwater Flow Direction
- ⊖ Indeterminate Groundwater Flow at Location
- ⊖ Groundwater Flow Varies at Location
- Cluster of Multiple Icons

- ⊙ Earthquake epicenter, Richter 5 or greater
- Ⓡ Closest Hydrogeological Data

**TARGET PROPERTY:** Time Oil Company  
**ADDRESS:** 2737 West Commodora Way  
**CITY/STATE/ZIP:** Seattle WA 98199  
**LAT/LONG:** 47.6624 / 122.3920

**CUSTOMER:** Foster Wheeler Environmental  
**CONTACT:** Mr. Bryan Graham  
**INQUIRY #:** 502304.1s  
**DATE:** June 02, 2000 7:43 am





## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

<b>1</b> <b>ESE</b> <b>0 - 1/8 Mile</b> <b>Higher</b>	Site ID: 5488 Groundwater Flow: WSW Shallowest Water Table Depth: Not Reported Deepest Water Table Depth: Not Reported Average Water Table Depth: 3 Date: 02/13/1998	<b>AQUIFLOW</b>	<b>41800</b>
--	---	-----------------	--------------

<b>2</b> <b>North</b> <b>1/4 - 1/2 Mile</b> <b>Higher</b>	Site ID: 4627 Groundwater Flow: S Shallowest Water Table Depth: 9 Deepest Water Table Depth: 13.5 Average Water Table Depth: Not Reported Date: 12/28/1993	<b>AQUIFLOW</b>	<b>61481</b>
--	---	-----------------	--------------

<b>3</b> <b>ENE</b> <b>1/2 - 1 Mile</b> <b>Higher</b>		<b>FED USGS</b>	<b>47395412225001</b>
--	--	-----------------	-----------------------

**BASIC WELL DATA**

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Not Reported
Altitude:	25.00 ft.	State:	Not Reported
Well Depth:	250.00 ft.	Topographic Setting:	Hillside (slope)
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Industrial

<b>4</b> <b>NE</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID: Not Reported Groundwater Flow: Not Reported Shallowest Water Table Depth: 18.96 Deepest Water Table Depth: 27.62 Average Water Table Depth: Not Reported Date: 04/18/1996	<b>AQUIFLOW</b>	<b>61074</b>
---	---	-----------------	--------------

<b>A5</b> <b>NNW</b> <b>1/2 - 1 Mile</b> <b>Higher</b>		<b>FED USGS</b>	<b>474022122235301</b>
---	--	-----------------	------------------------

**BASIC WELL DATA**

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Not Reported
Altitude:	110.00 ft.	State:	Not Reported
Well Depth:	101.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	58.22 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	07221953	Prim. Use of Water:	Domestic

<b>A6</b> <b>NNW</b> <b>1/2 - 1 Mile</b> <b>Higher</b>		<b>FED USGS</b>	<b>474023122235401</b>
---	--	-----------------	------------------------

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

### BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1946	County:	Not Reported
Altitude:	50.00 ft.	State:	Not Reported
Well Depth:	124.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	64.43 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	07091953	Prim. Use of Water:	Domestic

<b>7</b> <b>NNE</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID:	349292		
	Groundwater Flow:	SW	<b>AQUIFLOW</b>	<b>41981</b>
	Shallowest Water Table Depth:	6.31		
	Deepest Water Table Depth:	10.79		
	Average Water Table Depth:	Not Reported		
	Date:	01/05/1998		

<b>B8</b> <b>SE</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID:	2835		
	Groundwater Flow:	Not Reported	<b>AQUIFLOW</b>	<b>61157</b>
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	8		
	Date:	10/29/1991		

<b>A9</b> <b>NNW</b> <b>1/2 - 1 Mile</b> <b>Higher</b>				<b>FED USGS</b>
				<b>474024122235501</b>

### BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Not Reported
Altitude:	110.00 ft.	State:	Not Reported
Well Depth:	66.50 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	55.05 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	07091953	Prim. Use of Water:	Domestic

<b>B10</b> <b>SE</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID:	2220		
	Groundwater Flow:	Not Reported	<b>AQUIFLOW</b>	<b>61003</b>
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	12		
	Date:	01/28/1992		

<b>A11</b> <b>NNW</b> <b>1/2 - 1 Mile</b> <b>Higher</b>				<b>FED USGS</b>
				<b>474025122235601</b>

### BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Not Reported
Altitude:	120.00 ft.	State:	Not Reported
Well Depth:	24.70 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	18.22 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	07091953	Prim. Use of Water:	Domestic

## GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A12**  
**NNW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      474026122235701**

**BASIC WELL DATA**

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Not Reported
Altitude:	160.00 ft.	State:	Not Reported
Well Depth:	22.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	15.56 ft.	Prim. Use of Site:	Unused
Date Measured:	07091953	Prim. Use of Water:	Unused

**B13**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      473915122224001**

**BASIC WELL DATA**

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Not Reported
Altitude:	10.00 ft.	State:	Not Reported
Well Depth:	250.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	3.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	03121952	Prim. Use of Water:	Industrial

**14**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      473908122224701**

**BASIC WELL DATA**

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1934	County:	Not Reported
Altitude:	15.00 ft.	State:	Not Reported
Well Depth:	545.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	9.20 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Commercial

**15**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      474022122224401**

**BASIC WELL DATA**

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Not Reported
Altitude:	320.00 ft.	State:	Not Reported
Well Depth:	72.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	66.11 ft.	Prim. Use of Site:	Unused
Date Measured:	07101953	Prim. Use of Water:	Unused

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
<b>16</b> <b>East</b> <b>1 - 2 Miles</b> <b>Higher</b>	Site ID:	2211	<b>AQUIFLOW</b>	<b>61412</b>
	Groundwater Flow:	SE		
	Shallowest Water Table Depth:	1.55		
	Deepest Water Table Depth:	11.43		
	Average Water Table Depth:	Not Reported		
Date:	04/15/1994			
<b>17</b> <b>East</b> <b>1 - 2 Miles</b> <b>Higher</b>	Site ID:	2724	<b>AQUIFLOW</b>	<b>61313</b>
	Groundwater Flow:	SW		
	Shallowest Water Table Depth:	0.51		
	Deepest Water Table Depth:	8.62		
	Average Water Table Depth:	Not Reported		
Date:	05/05/1998			
<b>18</b> <b>NNE</b> <b>1 - 2 Miles</b> <b>Higher</b>	Site ID:	Not Reported	<b>AQUIFLOW</b>	<b>61334</b>
	Groundwater Flow:	S		
	Shallowest Water Table Depth:	16		
	Deepest Water Table Depth:	20		
	Average Water Table Depth:	Not Reported		
Date:	03/1995			
<b>19</b> <b>ENE</b> <b>1 - 2 Miles</b> <b>Higher</b>	Site ID:	1685	<b>AQUIFLOW</b>	<b>61303</b>
	Groundwater Flow:	Not Reported		
	Shallowest Water Table Depth:	8.30		
	Deepest Water Table Depth:	10.89		
	Average Water Table Depth:	Not Reported		
Date:	09/18/1990			
<b>20</b> <b>South</b> <b>1 - 2 Miles</b> <b>Higher</b>	Site ID:	2078	<b>AQUIFLOW</b>	<b>61269</b>
	Groundwater Flow:	ENE		
	Shallowest Water Table Depth:	1.95		
	Deepest Water Table Depth:	11.54		
	Average Water Table Depth:	Not Reported		
Date:	07/22/1998			
<b>21</b> <b>SSE</b> <b>1 - 2 Miles</b> <b>Higher</b>	Site ID:	2052	<b>AQUIFLOW</b>	<b>61351</b>
	Groundwater Flow:	SE		
	Shallowest Water Table Depth:	5.90		
	Deepest Water Table Depth:	9.32		
	Average Water Table Depth:	Not Reported		
Date:	12/1991			
<b>22</b> <b>NNW</b> <b>1 - 2 Miles</b> <b>Higher</b>	Site ID:	2832	<b>AQUIFLOW</b>	<b>61414</b>
	Groundwater Flow:	SW		
	Shallowest Water Table Depth:	4.90		
	Deepest Water Table Depth:	9.01		
	Average Water Table Depth:	Not Reported		
Date:	03/02/1995			

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

EPA Radon Zone for KING County: 3

Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

Zip Code: 98199

Number of sites tested: 5

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.380 pCi/L	100%	0%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in March 1997 from the U.S. Fish and Wildlife Service.

## HYDROGEOLOGIC INFORMATION

### **AQUIFLOW™ Information System**

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### **Geologic Age and Rock Stratigraphic Unit**

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### **STATSGO: State Soil Geographic Database**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

## ADDITIONAL ENVIRONMENTAL RECORD SOURCES

### **FEDERAL WATER WELLS**

#### **PWS: Public Water Systems**

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### **PWS ENF: Public Water Systems Violation and Enforcement Data**

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

**USGS Water Wells:** In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## STATE RECORDS

### **Kitsap County Water Wells in Washington**

Source: Public Utility District No. 1 of Kitsap County  
Telephone: 206-779-7656

## RADON

**Area Radon Information:** The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

**EPA Radon Zones:** Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

## OTHER

**Epicenters:** World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration



