

**Final Comprehensive
Remedial Investigation Report
Part I of IV
Volume 3 of 7**

**For Philip Services Corporation's
Georgetown Facility
734 S. Lucile Street,
Seattle, Washington
WAD 00081 2909**

Submitted to:
Washington State Department of Ecology

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November 14, 2003

1A INFORMATION ON ADJACENT PROPERTIES AND PROPERTIES DOWNGRAIENT OF PSC FACILITY

Section 2.3.2 of the RI discussed potential sources of contamination originating at the PSC facility. Although groundwater contamination resulting from releases at the facility has migrated beyond the property boundary, it is also not likely that all of the contaminants detected in groundwater samples outside the facility are associated with releases from the facility. Due to the location of the facility in a historically industrial corridor, it is highly likely that some of the elevated chemical concentrations detected in groundwater could be a result of releases from other properties in the area.

1A.1 *Potential Historical Sources*

Potential sources of contamination in the Georgetown neighborhood have been abundant throughout the settled history of the area. Much of the area considered to be the current Georgetown neighborhood was tidal flats, filled at the turn of the century during the industrial development coinciding with the channelization of the Duwamish River. The fill material included a mixture of dredge spoils, sluiced materials from the regrade of hills such as the ridge between the current Beacon and Capitol Hills, and municipal and industrial waste. However, the locations and boundaries of the filled areas and the types of fill materials received are uncertain, as discussed in a report on the former landfilling activities in Seattle:

“Everything that is wasted from the home, the business house, manufacturing plant...the material went to sanitary fills located at convenient spots throughout the area. Lowlands such as tidelands, marsh or dry ravines were favorite locations. It was not unusual for property owners to lease land to the County for a garbage dump in order to level the property, making it more desirable for development. In addition, the County was plagued by promiscuous dumping on vacant property and dead-end streets.” (Seattle-King County Department of Public Health, 1985).

The Georgetown neighborhood of Seattle has a long history of industrial activity providing many potential sources of contamination in the area. The industrialization of the Georgetown area was spurred by the construction of rail lines through the neighborhood. Immediately following the placement of the terminus of the Northern Pacific's transcontinental rail line in Tacoma, work began on a Seattle-based rail spur. With the construction of Seattle's first rail line in Georgetown in 1874, all major rail connections to Seattle from the south ran through Georgetown along the base of Beacon Hill making the area a prime location for industry. Turn of the century Georgetown was also the home of the Seattle Brewing and Malting Company, the world's sixth largest brewing company that would later become the Rainier Brewing Company, and a large steam power plant, which provided electricity to the burgeoning industry in the area (Wilma, 2001).

A 1945 report titled "Sources of Pollution in the Duwamish-Green River Drainage Area" (Foster, 1945) identifies a number of businesses that discharged waste directly to the Duwamish River or landfilled waste within the Duwamish Valley. These businesses included Seattle Boiler Works, and I.F. Laucks factory located on the east side of the waterway, near Brandon Street. Seattle Boiler Works discharged water from a hydraulic press into the Waterway. Glues and paints were manufactured in the I.F. Laucks factory, and it was estimated that three to five gallons of paint and five pounds of glue were lost from mixing machines each day. Their operations also included the use of a 180 cubic foot washing tank of flaked caustic for washing drums containing phenolic-blood glue. The water from this tank is emptied roughly every six weeks and discharged to a sump.

The Polk City Directory for Seattle (Polk, 1939-1996) was also searched to identify other potential sources located to the southwest of the facility prior to the passage of environmental legislation that would have identified these as hazardous waste sites. The results of this search indicated that the area to the southwest of the PSC facility was primarily residential until approximately 1970, with several businesses including: electronics and appliance repair shops, auto repair facilities, machining shops, printing facilities and a number of commercial retail establishments. The businesses listed in the Polk City Directories searched are summarized in

Table 1A-1. Of particular interest is Coin Op Dry Cleaners, located at 5700 6th Avenue South during 1970, which may have contributed to chlorinated solvent contamination in the area.

1A.2 Potential Sources in Modern Georgetown

Following the passage of substantial environmental legislation in the early 1980's, reporting was required for releases of hazardous chemicals facilitating the identification of other sources of contamination. In 1999 and 2003, PSC contracted Environmental Data Resources Inc. (EDR) to conduct a database search to determine if other identified potential sources of contamination exist within one mile of the facility. Table 1A-2 summarizes the databases searched. The full text of the EDR report is included in Attachment A.

Within a one-mile radius of the facility, there are 30 sites on the Ecology's Confirmed and Suspected Contaminated Sites List (CSCSL), the state's equivalent of the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) list, eight sites with former CERCLIS status now designated as No Further Remedial Action Planned (CERC-NFRAP) and two sites with RCRA Corrective Action Activity (CORRACTS). Eighty-nine sites have conducted independent cleanups under Ecology (WA ICR). There are also 54 Leaking Underground Storage Tank (LUST) sites, 119 sites with registered Underground Storage Tanks (UST), 206 Resource Conservation and Recovery Information System Small Quantity Generators (RCRIS-SQG) and eight RCRIS Large Quantity Generators (RCRIS-LQG) within a one-mile radius of the facility. Brief descriptions of the sites are listed in Table 1A-3 and their locations are shown in Figures 1A-1 and 1A-2.

Of the sites identified, two are located upgradient and within an eighth of a mile of the PSC facility. Soil and groundwater beneath Kelly Moore Preservative Paint are suspected to be contaminated with halogenated organic compounds, non-halogenated solvents, petroleum products and metals. Due to the mobile nature of some of these compounds, there is potential for the impacted groundwater from this site to migrate to the PSC facility, particularly in the intermediate aquifer where groundwater flows in a westerly direction. The other upgradient

property is Pioneer Enamel where soil, groundwater and surface water are suspected to be contaminated with metals and cyanide. Due to the relatively low water solubility of metals, it is not likely that these compounds are migrating onto the PSC site in any appreciable quantities.

A number of sites identified are also located directly downgradient of the PSC facility, complicating the delineation and determination of the off-site nature and extent of the contaminant plume emanating from the site. Ecology's Facility/Site database (Ecology, 2001a) was also queried to identify other potential sources located downgradient of the site. Sites in the vicinity of the PSC facility that are current or former hazardous waste generators, UST sites, Toxics Release Inventory sites, or state or voluntary cleanup sites are shown in Figure 1A-3 and summarized in Table 1A-4. Additional information on these sites was obtained during a review of Ecology files. This information is included in Attachment B and is summarized below, along with locations of each facility on Figure 1A-3. It should be noted that the information included in Ecology's files is limited only to reports, permits and correspondence relating to the site's interaction with Ecology. Information regarding releases and cleanup actions is available only if the release was reported to Ecology. Consequently, information on historical releases prior to strict reporting requirements and undocumented releases is not available in Ecology files. Information regarding waste streams and chemicals used in facility operations was included to help account for potential historical and undocumented releases.

1A.2.1 Amalgamated Sugar, 5400 Denver Avenue South (M15)

The Amalgamated Sugar Company, located at 5400 Denver Avenue South and formerly called White Satin Sugar, was a small quantity generator of hazardous waste (Ecology, 2001a). It is not known what types of hazardous waste were generated at the facility, but acids are typically used in the processing of sugar. Three USTs were installed between 1960 and 1964 and used for the storage of gasoline, heating oil and an unknown liquid. These tanks were removed at an unknown date (EDR, 1999 and 2003). It is not known whether there is any contamination related to activities on the property or migrating from the property.

1A.2.2 Art Brass Plating, 5516 3rd Avenue South (H13, H10)

Art Brass Plating operates a metal plating business at 5516 3rd Avenue South, with facilities for copper, chromium, nickel, brass and gold plating, painting and powder coating as well as an operating vapor degreaser. The company, which has been operating since the turn of the century, formerly located its operations at 5815 4th Avenue South, several blocks from its current location (Graves, 1999). The waste streams generated at the Art Brass Plating facilities contain cyanide, copper hydroxide, methylene chloride, trichloroethene, copper, iodine, and spent methyl ethyl ketone. An Ecology Dangerous Waste Compliance Inspection in 1997 indicated that spills from the chemical baths were not promptly cleaned up and were accumulating and potentially mixing on the plating room floor (Ecology, 1997a; 1998a, 1998b). Signs of potential waste migration from the building through the concrete blocks were noted during an Ecology Dangerous Waste Compliance Inspection in 1998 (Ecology, 1998a). In August 1999, cyanide solution from a brass plating tank was observed to be exiting the rear door plating shop and running west toward the storm drain at the intersection of Findlay Street and 3rd Avenue (Hay, 1999).

Two soil and groundwater samples were collected at the 3rd Avenue Art Brass Plating property in April 1999. These samples were analyzed for total copper, chromium, nickel, lead, zinc, and cyanide. Only chromium in groundwater exceeded Method A Cleanup Levels (PSI, 1999).

1A.2.3 Capital Industries, 5801 3rd Avenue South (G10)

Founded in 1953, Capital Industries Inc. is a specialty metal fabricator located at 5801 3rd Avenue South. Part of Capital Industries' daily production involves coating metal products with liquid paint. Until 1993, a trichloroethene vapor degreaser was likely in use at the facility. The company is a registered hazardous waste generator with waste streams including xylenes, toluene, methyl ethyl ketone, acetone, barium, zinc, chromium, iron phosphate, surfactants, and until 1993, trichloroethene (EPA, 2001c). Booth sweepings from the process area were analyzed for metals and were found to be high in barium (B&P Laboratories, 1998). No other records of environmental investigations were available.

1A.2.4 Consolidated Freightways, 6050 East Marginal Way South

Consolidated Freightways operated a trucking company at 6050 East Marginal Way until mid-2003. The company was a small quantity hazardous waste generator with waste streams that have included oil-based paints and thinners, acrylate monomer and mercapto esters. (Ecology, 2002b).

1A.2.5 Dresser Rand, 225 South Lucile Street (G13)

The Dresser Rand Seattle Service Center is located at 225 South Lucile Street and is involved in the repair and remanufacture of Dresser Rand pumps, turbines and compressors. The Seattle Service Center is an active hazardous waste generator. Spent solvent is generated during parts washing and steam cleaning (Ecology, 1998c).

1A.2.6 General Electric Aviation Division, 220 South Dawson Street (F17)

The General Electric Aviation Division facility at 220 South Dawson Street is a former hazardous waste generator and an active state cleanup site (Ecology, 2001a). Environmental investigations at the facility have revealed that soil and groundwater are contaminated with chlorinated VOCs and petroleum compounds, and that residual NAPL is present (Dames and Moore, 1992). Substantial soil excavation activities were conducted in 1995 and 1996 and groundwater is currently undergoing remediation. However, as of 1999, TCE, 1,1-DCE, and vinyl chloride were detected at concentrations exceeding MTCA Method B surface water cleanup levels. The contaminant plume does not appear to extend beyond the property boundaries (Thermo-Retec, 1999).

1A.2.7 Glacier Northwest, 5975 East Marginal Way

Glacier Northwest is a concrete manufacturer and supplier listed as a medium quantity hazardous waste generator with waste streams that include used solvent from vehicle parts cleaning. Past waste streams have included waste petroleum, used anti-freeze, waste motor oil mixed with 1,1,1-trichloroethane, ethylene glycol, benzene, tetrachloroethylene, and mineral spirits (Ecology, 2002a).

1A.2.8 Greater Seattle Floors LLC, 5517 6th Avenue South (K13)

Greater Seattle Floors, LLC, established over 60 years ago and currently located at 5517 6th Avenue South, installs and refinishes commercial, residential and athletic flooring. The company is a small quantity generator of hazardous waste with waste streams including xylenes and methylene chloride (Ecology, 2001b).

1A.2.9 James Hardie Gypsum, 5931 East Marginal Way South (D7)

The James Hardie Gypsum facility, located at 5931 East Marginal Way South, is used for the manufacture and sale of gypsum wallboard. The facility is an active hazardous waste generator and voluntary cleanup site (Ecology, 2001a). In 1987, a leaking diesel UST was excavated along with all impacted soil (Joe Hall Construction, 1987). In 1989, Ecology identified the facility as a potential hazardous waste site due to elevated concentrations of metals in the wallboard recycling stockpile (Ecology, 1990a). The stockpile was sampled again in 1991 and all metals concentrations, with the exception of mercury, were found to be below MTCA industrial soil cleanup levels (Roy F Weston, 1991).

1A.2.10 Kelly-Moore Preservative Paint, 5410 Airport Way S (O15)

Kelly-Moore Preservative Paint is a paint manufacturer operating at 5410 Airport Way South. The company is a current hazardous waste generator, UST site and state cleanup site (Ecology, 2001a). A diesel UST was removed from the site in 1987, and an abandoned petroleum UST was discovered beneath the foundation of a former site building and was removed. A tank holding toluol failed a tightness test in 1994 and was repaired (Hudson, 1997). In 1997 and 1998, fourteen USTs used for the storage of toluene and solvents for making paint were removed. Analysis of soil samples from the excavations found toluene, ethylbenzene, xylenes, trimethylbenzenes, 4-methyl-2-pentanone and TPH (SECOR, 1998). No groundwater samples have been collected at this site.

Paint manufacturing, packaging and sales have been conducted on at least part of the site since 1908 when the Asphaltum Products Company manufactured a creosote-based paint for marine

use. The company changed its name to the Preservative Paint Company in 1914. The property had also been used by a number of businesses including Bowers Ford Service Auto Repair, Mechanics SJ Group, Southside Fuel Company and a service station. Additionally, an office building on the northern portion of the site was used from 1940 to 1987 as a lodge hall for the Aeronautical Machinists union. The part of the property to the south of the building was used for coal storage between 1908 and 1950, prior to being paved with concrete (SECOR, 1997; Seattle-King County Department of Public Health, 1998a).

1A.2.11 Longview Fibre, 5901 E Marginal Way (D8)

The Longview Fibre Company Seattle Plant manufactures corrugated cardboard boxes and is located at 5901 East Marginal Way. Three USTs were removed from the property in 1987 after one of the USTs was determined to be leaking. During routine groundwater monitoring following the tank removal, free product was detected in an upgradient well, which had previously shown no contamination. The source of the free product was determined to be a return line from a boiler to a UST, which had been removed and replaced with an AST. Remedial activities removed 4,200 gallons of product, and impacted soil was excavated (Ecology, 2001c).

1A.2.12 Master Builders, 64 South Lucile Street (D14)

The Master Builders site is located at 64 South Lucile Street and is currently an inactive state cleanup site (Ecology, 2001a). The site was first investigated following observations of oil-stained soil in the same location where the previous tenant had been observed pressure-washing equipment. Soil samples were collected and analyzed for BTEX, TPH, SVOCs and metals. Only concentrations of TPH-other exceeded MTCA Method A Cleanup Levels (Seattle-King County Department of Public Health, 1998b).

1A.2.13 Milwaukee Electric Tool Corp, 5419 Maynard Avenue South (L14)

Milwaukee Electric Tool Corp offers sales and repair of handheld power tools at their location at 5419 Maynard Ave South. The company is a small quantity generator with waste streams of waste grease and parts washer solvent (Ecology, 2001b).

1A.2.14 Modine Aftermarket Holdings, 115 South Dawson Street (E16)

The Modine Manufacturing Company, located at 115 South Dawson Street, sells, services, and manufactures copper radiators and other heat exchange devices (Ecology, 1998d). The company is listed as an active hazardous waste generator and generates a waste stream that includes heavy metals and other chemicals involved in the manufacture of heat exchangers (EPA, 2001c).

1A.2.15 Pioneer Enamel, 5531 Airport Way South (P13)

Pioneer Enamel, formerly located at 5531 Airport Way South, was a former manufacturer of enamel coatings for fabricated metal pieces. Although no longer in business, the property is an active state cleanup site (Ecology, 2001a).

1A.2.16 Sahlberg Equipment, 5950 4th Avenue South (I9)

Sahlberg Equipment Inc., a retailer of heavy construction and safety equipment, was located at 5950 4th Avenue South from 1953 until the early 1990s. The site is currently occupied by a thrift store operated by the Society of St. Vincent de Paul. In the past, the property was also used by Anderson Blowpipe and Manufacturing Company, a sheet metal manufacturer, and Joseph Conradi and Company, machinists during the early 1940s, and by Seattle Pacific Engineering and United Cleaners during the early 1950's. United Cleaners was only in operation for one year. United Textile Company, Aero Electric Company, and Western Processing were operating on the site along with Sahlberg Equipment Company during the mid-1950s. While operating at the subject site, Western Processing's business involved reprocessing of animal byproducts and brewer's yeast; the company did not get involved in the processing of chemical wastes until after its move to Kent. This is now a Superfund site (RZA, 1991).

Solvents may have been used for cleaning or degreasing in the former equipment wash area, which was paved with concrete in very poor condition. Two monitoring wells at the site were described to both have an odor reminiscent of cleaning fluids (RZA Agra, 1992). Drums were stored in an unpaved area of the site (RZA, 1991). A heating oil UST was removed from the site in 1992 and elevated concentrations of TPH and VOCs were detected in groundwater (RZA



Agra, 1992). Ecology received anonymous call reporting that the company was dumping petroleum-like compounds into a storm drain at the corner of the property (Ecology, 1992).

1A.2.17 St. Gobain Containers LLC, 5801 E Marginal Way

St. Gobain Container, LLC, formerly Ball-Foster Glass Inc, is a glass-packaging manufacturing facility for the food and beverage industry. Reports from a Dangerous Waste Compliance Inspection conducted in 1997 indicated that Safety-Kleen 150 Parts Cleaning Solvent and solvent/thinner for ink coating were waste streams from the facility (Ecology, 1997b). Since 1988, releases reported to the EPA under the Toxics Release Inventory have included lead compounds, chromium compounds, and ethylene glycol (EPA, 2003).

1A.2.18 Union Pacific Railroad

A diesel fuel release was reported at the Union Pacific Railroad Argo Railyard at 402 South Dawson Street in March 2000. The release was associated with the diesel fueling system near the railcar repair shop at 60 Diagonal Avenue South. As of August 2000, 21,300 gallons of product had been recovered (Safety-Kleen, 2000a,b).

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APPENDIX 1A

ATTACHMENT B

POTENTIAL OFF-SITE SOURCES

Amalgamated Sugar Company
5400 Denver Avenue South

Facility/Site Detail

Facility/Site Name: Amalgamated Sugar Co Seattle

Ecology Identifier: 98441868

Facility/Site Location

Geographic Location	Latitude/Longitude
Street Address or Location 5400 DENVER AVE S City: SEATTLE ZIP Code: 98108-2249 County: KING Congressional District: 7 Legislative District: 11	Latitude: Deg: 47 Min: 33 Sec: 14.18 Longitude: Deg: 122 Min: 19 Sec: 34.12 Decimal Equivalents Latitude: 47.5539 Longitude: 122.3261 Accuracy Level: +/- 40 feet (12 meter)

Display the location of this site and all other sites of interest to the Department of Ecology that are approximately within a one half mile radius. Display the location of this site only, but do it via a controllable version of the map.

Reason for Interaction with the Department of Ecology

Interaction Description	Responsible Organization	Ecology Contact Phone #	Status
Hazardous Waste Generator	HAZWASTE	(360) 407-7555	Inactive
Underground Storage Tank	TOXICS		Inactive

Industrial Classification

SIC Code	SIC Code Description
2063	BEET SUGAR
4214	LOCAL TRUCKING WITH STORAGE

Mailing Address of Facility/Site

No Address Information Available at this Time

Art Brass Plating
5516 Third Avenue South

Facility/Site Detail

Facility/Site Name: Art Brass Plating

Ecology Identifier: 55897213

Facility/Site Location

Geographic Location	Latitude/Longitude
Street Address or Location 5815 4TH AVE S City: SEATTLE ZIP Code: 98108 County: KING Congressional District: 7 Legislative District: 11	Latitude: Deg: 47 Min: 33 Sec: 3.52 Longitude: Deg: 122 Min: 19 Sec: 46.02 Decimal Equivalents Latitude: 47.5510 Longitude: 122.3294 Accuracy Level: Unknown

Display the location of this site and all other sites of interest to the Department of Ecology that are approximately within a one half mile radius. Display the location of this site only, but do it via a controllable version of the map.

Reason for Interaction with the Department of Ecology

Interaction Description	Responsible Organization	Ecology Contact Phone #	Status
Hazardous Waste Generator	HAZWASTE	(360) 407-7555	Inactive

Industrial Classification

SIC Code	SIC Code Description
9999	NONCLASSIFIABLE ESTABLISHMENTS

Mailing Address of Facility/Site

No Address Information Available at this Time

Facility/Site Detail

Facility/Site Name: Art Brass Plating Inc Seattle

Ecology Identifier: 88531932

Facility/Site Location

Geographic Location	Latitude/Longitude
Street Address or Location 5516 3RD AVE S City: SEATTLE ZIP Code: 98108 County: KING Congressional District: 7 Legislative District: 11	Latitude: Deg: 47 Min: 33 Sec: 11.74 Longitude: Deg: 122 Min: 19 Sec: 51.06 Decimal Equivalents Latitude: 47.5533 Longitude: 122.3308 Accuracy Level: Unknown

Display the location of this site and all other sites of interest to the Department of Ecology that are approximately within a one half mile radius. Display the location of this site only, but do it via a controllable version of the map.

Reason for Interaction with the Department of Ecology

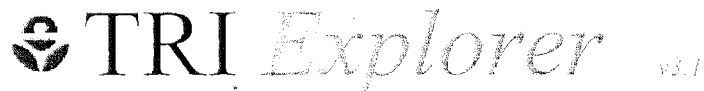
Interaction Description	Responsible Organization	Ecology Contact Phone #	Status
Hazardous Waste Generator	HAZWASTE	(360) 407-7555	Active
Toxics Release Inventory	HAZWASTE	(360) 407-6727	Active
Toxics Release Inventory	HAZWASTE	(360) 407-6727	Active
Tier Two Reports	HAZWASTE		Active

Industrial Classification

SIC Code	SIC Code Description
3471	PLATING AND POLISHING

Mailing Address of Facility/Site

No Address Information Available at this Time



Facility Profile Report

EPA Office of Environmental Information

[Return](#)

TRI Facility Profile

TRI Facility Name: **ART BRASS PLATING INC.**

Address: 5516 3RD AVE. S.
SEATTLE, WA 98108

County: KING

Public Contact: BOB HAY

Phone Number: 206 767-4443

Forms Submitted to TRI in 1999 Reporting Year:

Form R (regular form): 1

Form A (short form): 0

Standard Industrial Classification (SIC) Code(s) in 1999 Reporting Year:

3471 PLATING + POLISHING

Reported TRI Chemical Data
(in pounds, for all chemicals reported in 1999)

Total On-site Releases: 12,300

Total Off-site Releases: .

Total Transfers Off-site for Further Waste Management: 750

Total Waste Managed: 13,300


TRI Facility Trend Graphs (click to view trend graph)

[Total On- and Off-site Releases](#)

[Total Transfers Off-site for Further Waste Management](#)

[Total Waste Managed](#)

TRI Chemical Trend Table (click to view trend table)
(all chemicals reported to TRI between 1988 and 1999)

Row #	Chemical	On- and Off-site Releases Trend	Transfers Off-site for Further Waste Management Trend	Quantities of TRI Chemicals in Waste Trend	EPA's IRIS Substance File (Risk Information) 
1	TRICHLOROETHYLENE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Other TRI Facility Information

Latitude: 47-33-13
Longitude: 122-19-47
Parent Company Name: NA
Parent Company Dun and Bradstreet: NA
TRI Facility ID Number: 98108RTBRS55163
RCRA ID Number (Land): WAD981772957

Down load [all data](#) for ART BRASS PLATING INC.

Note: Reporting year (RY) 1999 is the most recent TRI data available. Facilities reporting to TRI were required to submit RY 1999 data to EPA by July 2000. TRI Explorer is using a "frozen" data set that includes revisions submitted to EPA as of December 28, 2000 for the years 1988 to 1999 (i.e., revisions submitted to EPA after this time are not reflected in TRI Explorer reports). Please access [EPA Envirofacts](#) to view TRI data with the most recent revisions.

Please see [assumptions](#) for revisions submitted by a facility in Pennsylvania in the "no codes" category.

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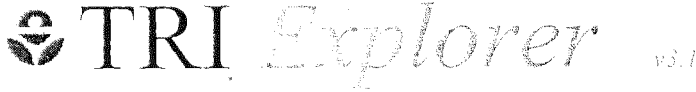
Facility Profile Report

[Go to TRI Explorer Home](#) | [Return](#)

June 6, 2001

[Comments?](#)

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Release:
Trends Report

EPA Office of Environmental Information

[See Note](#)

TRI On-site and Off-site Reported Releases of TRICHLOROETHYLENE (in pounds), By ART BRASS PLATING INC. (TRI ID 98108RTBRS55163)

Are year to year changes comparable?

Row #	Year	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases	Total On- and Off-site Releases
1	1988	45,000				45,000		45,000
2	1989	35,860				35,860		35,860
3	1990	39,329				39,329		39,329
4	1991	36,234				36,234		36,234
5	1992	32,447				32,447		32,447
6	1993	36,278				36,278		36,278
7	1994	19,640				19,640		19,640
8	1995	20,320				20,320		20,320
9	1996	15,910				15,910		15,910
10	1997	14,380				14,380		14,380
11	1998	15,500				15,500		15,500
12	1999	12,300				12,300		12,300

[Back to top](#)

Export this report to a text file

Create comma-separated values, compatible with spreadsheet and databases.

all records

View other report type:

- Transfers Off-site for Further Waste Management; or
- Quantities of TRI Chemicals in Waste (waste management)

Note: Reporting year (RY) 1999 is the most recent TRI data available. Facilities reporting to TRI were required to submit RY 1999 data to EPA by July 2000. TRI Explorer is using a "frozen" data set that includes revisions submitted to EPA as of December 28, 2000 for the years 1988 to 1999 (i.e., revisions submitted to EPA after this time are not reflected in TRI Explorer reports). Please access [EPA Envirofacts](#) to view TRI data with the most recent revisions.

Please see [assumptions](#) for revisions submitted by a facility in Pennsylvania in the "no codes" category.

Trend reports include data for prior years and data from "original industries" only after 1997.

On-site releases are from Section 5 of the Form R. Off-site releases are from Section 6 (transfers off-site to disposal) of the Form R. Off-site releases include metals and metal compounds transferred off-site for solidification/stabilization and for waste water treatment, including to POTWs.

A decimal point, or ".", denotes the following:

1. if a decimal point is reported across an entire row, the facility submitted a Form A (i.e., the facility certified that its total annual reportable amount is less than 500 pounds, and does not manufacture, process, or otherwise use more than 1 million pounds); or
2. if a decimal point is reported in a single column, the facility left that particular cell blank in its Form R submission (a zero in a cell denotes either that the facility reported "0" or "NA" in its Form R submission).

Users of TRI information should be aware that TRI data reflect releases and other waste management of chemicals, not exposure of the public to those chemicals. Release estimates alone are not sufficient to determine exposure or to calculate potential adverse effects on human health and the environment. TRI data, in conjunction with other information, can be used as a starting point in evaluating exposures that may result from release and other waste management activities that involve toxic chemicals.

Release:

June 6, 2001

Trends Report

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[Comments?](#)

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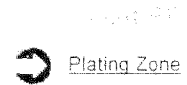
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The Art of Decorative Plating

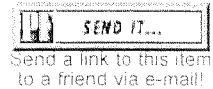
Whether the company is decorative chrome plating a tailpipe or gold plating a corporate jet logo, Art Brass Plating has the touch...

By *Beverly A. Graves, Editor*

When it was time to find seven-year-old Dan for dinner or a bath or to come see Grandma, you simply looked behind the shed out back. Behind the shed was a marvelously dusty world of streets and racetracks and avenues and parking lots, all crowded with small diecast cars that moved using only imagination.



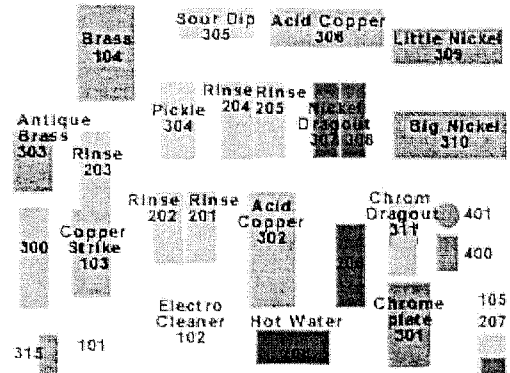
A grisly accident, complete with police cars, had been carefully choreographed on one street. In another area army tanks and jeeps were mowing down grass and flattening ants. Other cars were parked in lots, and others were simply positioned on the street. One vehicle, however, was parked alone on top of the highest hill, its imaginary driver surveying the grand city. This was Dan's favorite, a blue 1948 F-1 Ford pickup truck with sideboards. There was no reason for his infatuation with this truck, but he swore that someday he would drive one on the streets and hills of Seattle.



Last year "someday" materialized. The pickup Dan purchased wasn't in bad shape, but the paint was faded and rust was eating at some of the truck body. Dan wanted to replat the decorative chromium trim, although it was still in fairly good shape. He knew he could purchase reproduction parts from Bob Drake Reproductions in Oregon, but he wanted to keep the original parts. He visited a local company that did work for Bob Drake—Art Brass Plating, Seattle, WA.

Art Brass Plating has a reputation for quality plating, particularly decorative plating of restoration car and motorcycle parts. "We know what people want in a finish on their motorcycles and cars. We even still use hexavalent chromium and cyanide. We don't feel you can get the quality finish unless you do it the "old way,"" stated Mike Merryfield, vice president and general manager. "We still use a vapor degreaser," he added.

Art Brass is an old Seattle business. Established prior to the turn of the century as a manufacturer of builder's hardware items, it created brass cast mailboxes, bank and elevator ornamental brass and bronze fixtures. Around 1915, nickel plating was added to the operation. Just prior to World War II, Art Brass focused on decorative plating and polishing rather than casting, offering cadmium, zinc and silver as well as copper, nickel, chromium, brass and bronze plating on zinc diecast, steel and brass.



1. Plating shop layout and identification.

In 1979, when Dean Allstrom purchased the three-man shop, copper, nickel, chromium and brass were plated in the approximately 1,200-sq-ft building. However, Mr. Allstrom didn't purchase Art Brass to complacently sit back and let it operate. He, along with Mike Merryfield and Clyde Wakelee intended to grow the business. And the three-man shop seized every opportunity it could.

Previously, Mr. Allstrom owned another finishing shop that did some plating work for wood stove manufacturers. He decided to go and talk to the potential customers, and consequently brought the work to Art Brass. "That work turned us into a much larger shop," stated Dean. "By that time, the entire building was about 40x40 ft, and we did all of the plating and polishing in there. We rented another polisher's shop at night and employed nine polishers there. We plated for three shifts a day in that little hole in the wall," Dean chuckled.



Platers helped set up the new shop's layout to accommodate their work flow.

Another opportunity presented itself during a delivery Mike made to a plating customer. He overheard the customer grumbling about the paint job on some parts. Mr. Merryfield went to the owner and asked him to hire Art Brass to do the painting. It didn't concern Mike that Art Brass did not have a paint system at the time. Of course, he didn't let his potential customer know that. Mike returned with the good news, and Dean went to work.

Dean knew that the paint system from his previous shop was going on the auction block. "I went to the auction and told other potential buyers that they may as well not bid on the system because I was going to buy the system lock, stock and barrel. And I did," Dean smiled. Art Brass then rented a building, set up the paint system and in three weeks was painting product for the grumbling customer three shifts a day. Now, the customer no longer grumbles.

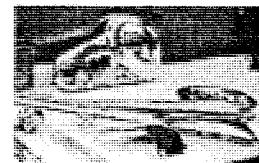
In the late 1980s, Art Brass started a small powder coating operation. It purchased a 10,000-sq-ft lot near one of its buildings and built an 8,500-sq-ft building. The conveyerized system features a 40-ft PED infrared cure oven, three-stage washer, dry-off oven, paint booth with Nordson manual spray guns and dust collector system.

Eventually, the company was able to purchase the lot between the plating and powder coating buildings and a third building was erected that combined the structures into one large facility.

Seizing opportunities has helped Art Brass establish an extensive customer base that includes steel and plastic auto bumper recyclers, collector car hobbyists and motorcycle enthusiasts, large truck and store fixture manufacturers, after-market motorcycle and automotive reproduction part manufacturers, sauna, hot tub and gourmet kitchen rack manufacturers.

Art Brass has powder coated "Coffee of the Day" displays for Starbucks and plated store fixtures for Nordstrom's. Airshow Pacific Systems and other corporate jet manufacturers have contracted for high-end gold and nickel plating of interior pieces, such as instrument panel identification backgrounds. "We have a good balance of industries that we serve," Mike noted.

As Art Brass continued to grow, Mike and Dean planned to expand plating capacity by moving the plating tanks into a larger area of the facility, increasing tank size and improving tank layout. Planning required more time than they anticipated, but it was all done "first class." Planning started with a list of "here is what we want to do." Using that list, Dean and Mike asked employees for their input about the new plating shop. Changes, modifications and additions developed into a final plan that included swing-arm hoists and other modifications not on the original drawings.



Just a few of the parts Art Brass Plating plates with decorative nickel chrome and brass.

"We hired an engineer to assess the new plating area before we started. We wanted to make sure the original concrete floor could withstand a second slab of concrete, and we wanted a guarantee that there had been no chemical migration into the soil under the concrete floor.

Once preparation and planning was complete, a sloped, concrete floor was poured and a coating applied to the floor for extra protection. New plastic tanks and fiberglass floor grating were installed. Cradles were fabricated for each tank to keep them above the floor. This allows operators to wash underneath the tanks. The water gravitates to the waste treatment area, leaving the area under the plating line clean and dry.

The plating shop does not resemble a typical plating shop. The lines do not flow linearly. Even so, rinse tanks are plumbed to counterflow, and dragout rinses are plumbed to flow back to the plating bath.

The entire project required a year and a half from start to finish. Art Brass finished the project between Christmas 1998 and New Year's 1999. During that week, maintenance pumped solutions out of the old plating tanks and into the new tanks. "Everything went perfectly, which is unbelievable," claimed Mike. "We have moved lines before, but never plated the same day. This time we did."

Figure 1 shows the plating shop layout and tank identification.

And so, Art Brass Plating has grown from a three-man shop to a 60-man shop running three shifts a day, five days a week. "We seize opportunities, display a 'can do' attitude and produce quality work," stated Dean. "We accept challenges and are willing to work with customers." One example is its work with Gymboree, which makes children's toys and clothing. The company thought it needed electroless nickel plating on a certain type of display piece. Several finishing shops had already turned them down, saying they could not finish the part the way Gymboree had engineered it. Art



turned them down, saying they could not finish the part the way Gymboree had engineered it. Art Brass worked with them to provide a finish that was comparable in appearance to EN (semi-bright nickel) and more affordable."



Art Brass offers powder coating in addition to decorative plating.

"I've never heard anyone complain about the quality of the work," beamed Mike. "They may complain about the price, but it costs more to do it right. What amazes me," he continued, "is that people telephone from all over the world asking us to plate parts for them, mostly Harley Davidson and restoration parts. They see a bike we plated in a magazine, and the next thing you know we receive fenders, tanks and other pieces to finish."

"Several years ago," Dean explained, "I went to a Barret-Jackson Collector car auction in Scottsdale, AZ. As I walked into the show, I saw this fancy motorcycle all plated and painted and thought that it looked nice and walked on. When I met up with my buddy, he asked me if I had seen the motorcycle. I said yes. He asked if I had noticed that my name was all over the thing. I walked back to the Harley Davidson and looked at the nickel chromium plated decorative pieces. Art Brass Plating was stamped on all of them. The bike's owner came up to me, and I casually handed him my card. He glanced at it and did a double take. He was so excited to meet someone from Art Brass that he told me the entire story of how he restored the bike while in the service and brought it back with him to New York and ended up in Scottsdale."

"We can't do all the work that everyone would like us to do," noted Dean. "So we concentrate on customers in the Northwest. But we find our work all over the country."

Art Brass' plating can be found not only on motorcycles, 1948 Ford pickups and other restored automobiles, but also on the racks in Nordstrom's where Ralph Lauren and Tommy Hilfiger shirts are on display. Art Brass chromium, brass and copper finishes beautify Enclume cookware storage rack systems that you find in fine restaurant kitchens and home kitchens. If you stopped at Starbucks for morning coffee you may have glanced at the "Coffee of the Day" sign, the fixture and many others of which were powder coated by Art Brass. So, whether you fly in corporate jets or shop for three-year-olds at Gymboree, you have probably seen Art Brass Plating. PF

TABLE I—Comparison of Options

Tank No.	Gal.	Name	Concentration/Composition
101	900	Soak Cleaner	20 oz/gal caustic soda mixture
102	2,200	Electrocleaner	90 oz/gal caustic soda mixture
103	900	Copper Strike	5 oz/gal cyanide salts
104	2,200	Brass	10 oz/gal cyanide salts
105	100	Alumon EN	Zinc and caustic soda
201	700	Cleaner rinse	Water
202	700	Pickle rinse	Water
203	700	Copper strike/brass rinse	Water
204	700	Sour dip/acid copper rinse	Water
205	700	Acid copper rinse	Water
206	700	Nickel/final chrome rinse	Water
207	100	Aluminum line rinse	Water and recycle
208	700	Hot water rinse	
300	900	Mark 90 Nickel	70 oz/gal nickel salts, 8 oz/gal boric
301	1,200	Chromium bath	30 oz/gal chromium
302	2,200	Large acid copper	25 oz/gal copper sulfate, 60 oz/gal sulfuric
303	700	Antique brass darkener	
304	700	Pickle	20% by volume HCl
305	700	Sour dip	3% by volume sulfuric
306	1,140	Small acid copper	25 oz/gal copper sulfate, 6 oz/gal sulfuric
307	700	Nickel dragout	Pump back to nickel tanks
308	700	Nickel dragout	Pump back to nickel tanks
309	1,400	Small nickel	45 oz/gal nickel salts, 6 oz/gal boric
310	2,200	Large nickel	45 oz/gal nickel salts, 6 oz/gal boric
311	700	Chromium dragout	Pump back to chromium tank
312	100	Tri acid	50% acid salt mixture
313	100	1:1 Nitric	50% nitric
314	70	Nickel strike	30 oz/gal nickel salts, 10% HCl
315	130	ME nickel	45 oz/gal nickel salts,

316	40	Antique	6 oz/gal boric
400	130	Gold	Nickel darkening agent
401	40	Gold	Salts
			Salts

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Date: 06/18/97

Dangerous Waste Compliance Checklist

TYPE OF VISIT: TECHNICAL ASSISTANCE COMPLIANCE INSPECTION COMPLAINT # _____ Other: _____

Opening Conference: Y N Site Tour: Y N Records Review: Y N Closing Conference: Y N phone

Site

Site Name: Art Brass Plating, Inc. WAD 981 772 957
 Site Contact: Bob Hay Title Environmental Engineer Phone (206)767-4443
 Other representatives: Mike
 Address: 5516 3rd Ave. S.
 Mailing Address: same as above
 City: Seattle Co: King Zip: 98108
 Years on Site: 9+ SIC# 3471 (Plating, polishing, anodizing) 50 employees (3 shifts)
 Generator/Facility Status (circle): SQG MQG LOG TSD Recycler Other with PBR treatment
 Type of Business: Custom + Production plating; painting and powder coating.

Ecology

Lead Contact: J. David Hohmann Phone ⁴²⁵206/649-7137 FAX ⁴²⁵206/649-7098
 Mailing Address: Ecology NWRO 3190 160th Ave. SE Bellevue, WA 98008-5452
 Other Representatives: Tiffany Yelton
 Time On Site: 10:10 AM PM Time Off Site: 1:00 AM PM
 Report Date: 6-18-97 Report By: David Hohmann

Process Information

Processes that Generate Wastes: electroplating rinses and metal cleaning, wastewater treatment (sludges),
 Waste Streams (description or codes): Cyanide sludges + filters, CuOH filtercake, floor sweepings, methylene chloride, TCE still bottoms, Cu/Ni filters, misc sludges, spent MEK.

Pollution Prevention Suggestions, Technical Assistance Referrals

Information and assistance on the following environmental programs is available from:

Ecology Pollution Prevention technical assistance staff can help with process design review to help save money and minimize waste from new plating system. call christa coluzis (206) 649-7000 for info. You could potentially save almost all your 24,000 gal/day water discharge.

Conditions Not in Compliance

See Line #, Below

• A Drum of TCE spill bottoms dated 2-1-96 had exceeded the accumulation time limits.	5
• A sack of hydroxide sludge was open and unlabeled.	16, 17
• There was not a detailed hazardous waste training plan (section in the spill contingency plan lacked detail)	25
• The waste code "F009" was not being applied to batch-treated waste amounts, and to sludges (from new elevations).	1
• Secondary containment under process tanks and in waste treatment (acid storage area) had accumulated spillage of hazardous substances/waste that needed to be cleaned up promptly. using using containment to routinely accumulate trash waste would otherwise be regulated as a hazardous waste tank itself. ...	19, 30
• Dripping haz waste water from bin under sludge press also was being allowed to run onto the floor instead of a tray.	30
• Weekly inspections, and periodic general inspections with log recordkeeping needed to be done (waste/evident).	18, 31

Line No.	Violation	WAC 173-303	Line No.	Violation	WAC 173-303
WASTE MANAGEMENT			ADMINISTRATION/RECORDS		
1	Waste Designation	-070(3)	20	Notification & Identification #s	-060(2)
2	Failure to Offer Waste to TSD	-141	21	Manifesting	-180
3	Spills/Discharges	-145	22	Large Quantity Generator Plans	-200(1)(b), -320 to -360
4	Treatment-by-Generator	-170(3)	23	Recordkeeping Retention Times	-210
5	Accumulation Time Limits	-200(1)(a)	24	Annual Report/Exception Report	-220
6	Accumulation in Containers/Tanks	-200(1)(b), see 630/640	25	Personnel Training Requirements	-330
7	Container/Tank Labeling	200(1)(c)(d)	26	Preparedness & Prevention	-340
8	Secondary Containment	-200(1)(b)	27	Contingency Plan	-350
9	Satellite Accumulation	-200(2)	28	Emergencies	-360
10	Medium Quantity Generator	-201(c)	29	Permit-by-Rule	-802(5)
11	Ignitable/Reactive/Incompatible Wastes	-395	OTHER DANGEROUS WASTE VIOLATIONS		
12	Used Oil Burned for Energy	-515	30	tank systems	-640
13	Use/Mgmt. of Containers	-630	31	general inspection	-320
14	- Condition of containers	-630(2)	32		
15	- Compatible containers	-630(4)	33	OTHER ENVIRONMENTAL LAWS/CONCERNS	
16	- Closed containers	-630(5)(a)	34		
17	- Container handling	-630(5)(b)	35		
18	- Weekly Inspections	-630(6)	36		
19	- Secondary Containment	-630(7)	37		

Reminder: Ecology will provide a copy of the text of regulations for which violations are cited.

Questions, Concerns, Comments

• Recommend labeling of empty containers "Empty - last contained _____ (date)" and remove old product labels from empty drums.

• Cigarettes were stored in "no smoking" waste treatment/accumulation area.

• Problems with housekeeping and operation of plating room floor (waste generation, waste reduction) should be fixable when area is up, as is planned.

Ecology will: Send labeling samples on floppy disk.

Owner/Operator will: improve labeling as described.

Site Name: Art Brass Plating, Inc.

Date: 06/18/97

W 981 772 957

COMPLIANCE ACTIONS REQUIRED

Instructions: The actions identified below are necessary in order to be in compliance with Washington Dangerous Waste Regulations (Ch. 173-303 WAC), or other environmental laws or regulations. Please indicate the date an action is completed and initial each item. If an action is not completed, please note in the "Date Completed" column and explain on back of this page.

Return Completed Form or Request for Extension -- Upon completion of all actions listed above, please mail a copy of this form to the Washington Department of Ecology lead contact at the address shown. An extension of the deadlines to achieve compliance may be requested. Please make a request in writing, including the reasons an extension is necessary and proposed date(s) for completion, and send it to the Ecology Lead Contact by 7-7-97 (date). Ecology will provide a written approval or denial of your request.

page 2 line #	Action(s) Needed to Achieve Compliance	By When?	Date Completed	Initial
5	Send TCE still bottoms for TSO disposal promptly.	7-7-97	-	
16, 17	Fix labeling on the sludge bags -- "Hazardous Waste" or "Dangerous Waste" and an accumulation start date for each bag batch, PR	6-25-97		
1	Review waste designation to apply 'F004' waste code on applicable waste tanks and sludges (including commingled sludges from plating plating room floor etc.), Use this code on all future batches of waste PR (manifests, annual reports).	7-7-97		
19, 30	Change practices in wet area - put tray under sludge press collector in for liquid drainage & collection. Clean out secondary containment for acid waste area and maintain it that way. Clean out the floor under plating area as frequently as necessary to prevent significant accumulations of waste, until the new upgraded system is installed. An automatic vacuum collector may be a workable option.	8-1-97		
25	Update training plan (written) to have adequate detail on employee haz waste training.	9-1-97		
18, 31	conduct weekly and periodic general inspections, with a log (sample log provided)	7-7-97		

Ecology Lead Contact: J. David Hohmann *JDH* Date: 6/18/97

Address: Ecology NWRO1 3190 160th Ave. SE, Bellevue, WA 98008-5452

Received By: *[Signature]*

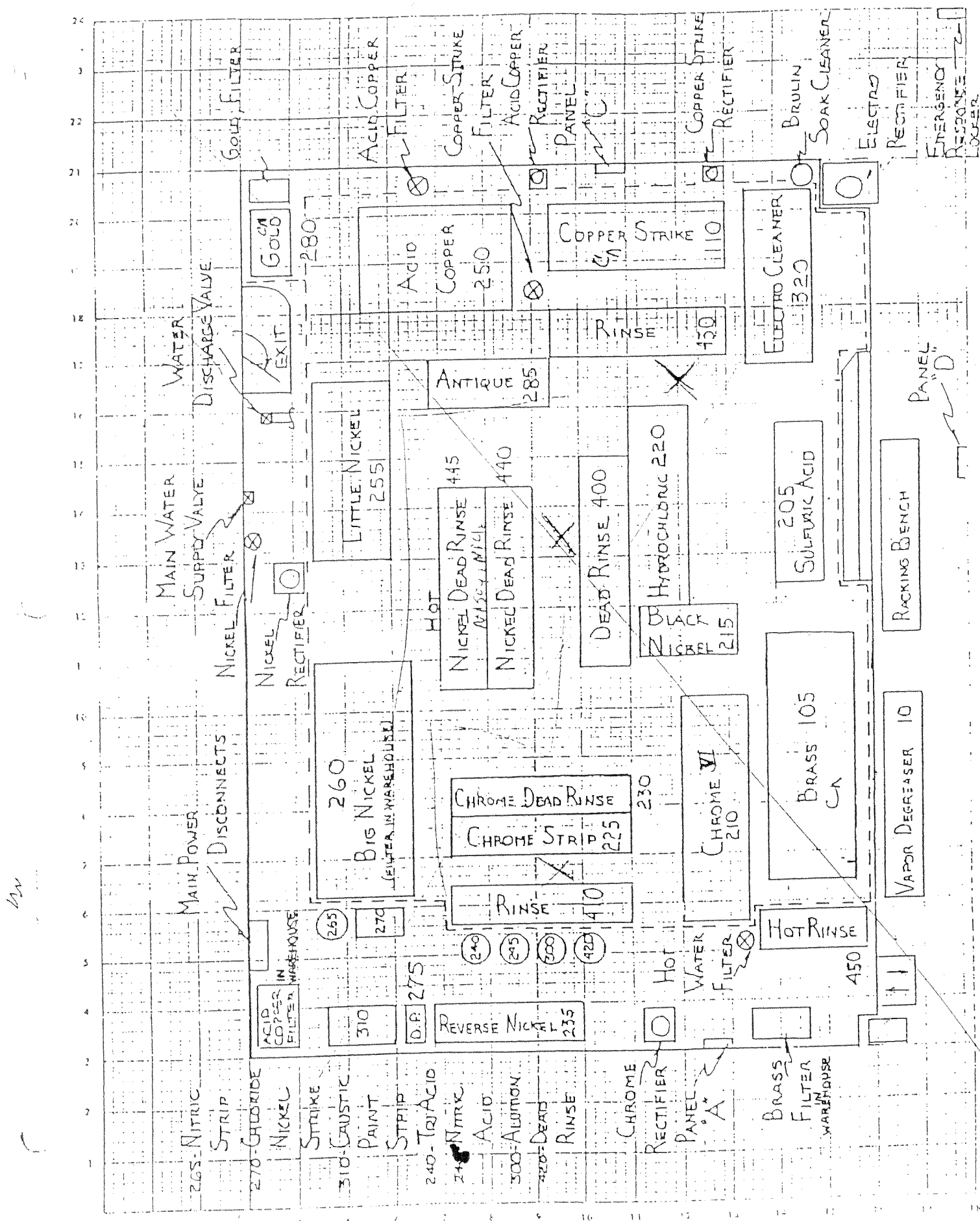
This checklist serves as a notice of deficiency for technical assistance visits or a notice of correction for other site visits as provided for in the Washington State Law "Implementing Regulatory Reform", Chapter 403, Laws of 1995.

Follow-up by Ecology: ~~Phone~~ Letter ~~Revisit~~ None IBA *with upgraded rec comp etc in plating area?*
 Photos Taken: Y N Samples Taken: Y ~~N~~ Splits Offered: Y N NA
 Documents Left: Regulations Step by Step TIMs Focus Sheets
 Additional Courtesy designation guidance.

Assistance/Enforcement Programs Explained: Y N

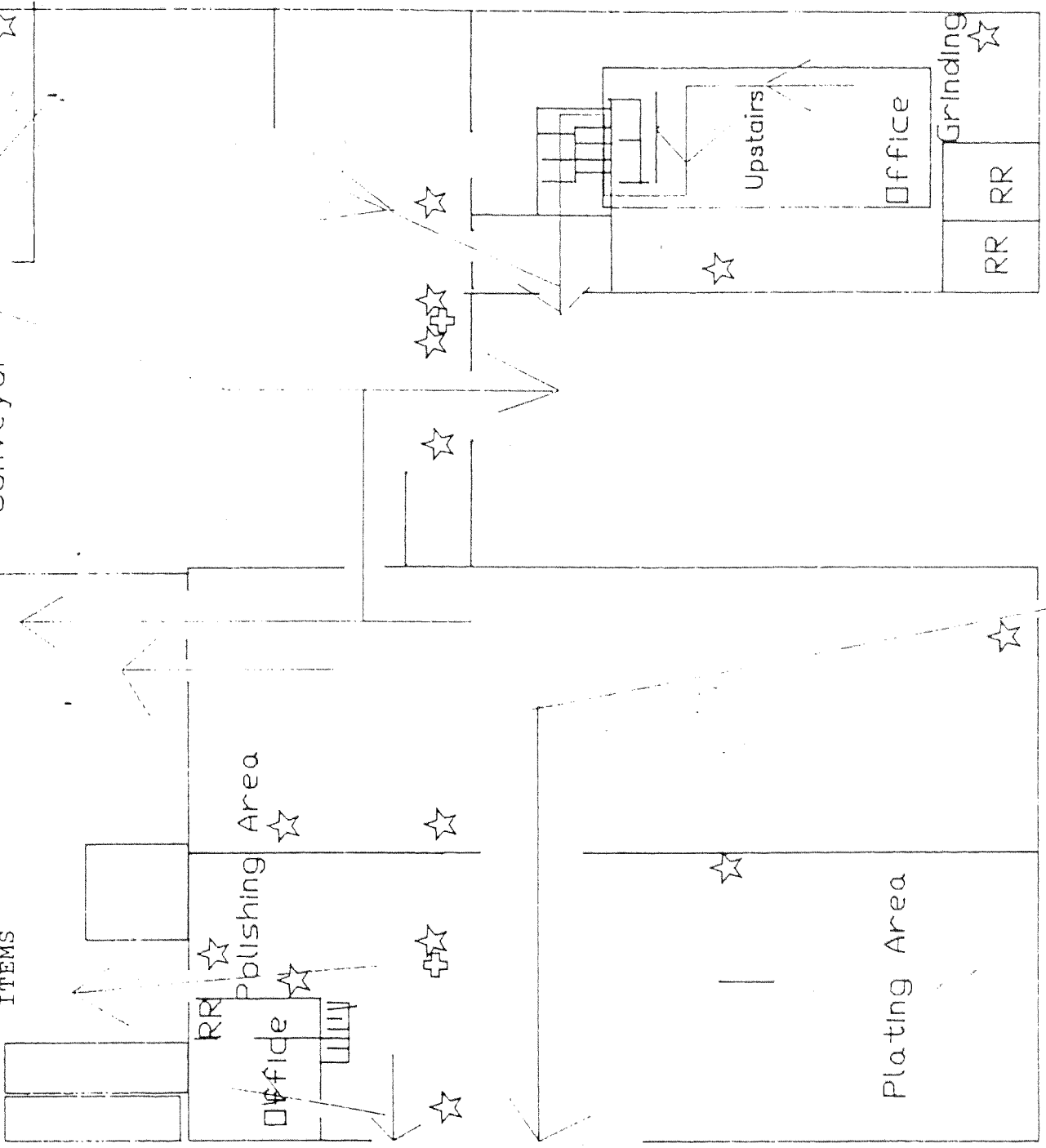
If you have any questions about information in this Checklist, please call the Ecology Lead Contact. The Department of Ecology is an equal opportunity agency. If you have special accommodation needs, contact Felicia Curtis at (360) 407-6721 or Julie Carrasco at (360) 407-6199 (Voice), or (360) 407-6006 (TDD).

JPR rev'd 6-18-47



ART BRASS - TANK SCHEMATIC

THIS DIAGRAM IS A FLOOR PLAN OF ART BRASS PLATING'S BUILDING AND THE LOCATION OF THE EXITS AVAILABLE IN THE EVENT OF AN EMERGENCY IN ADDITION TO OTHER SAFETY ITEMS



- ☆ Fire Extinguisher
- ⊕ First Aid Kit
- Eyewash Shower

Evacuation Route



3RD AVE SO.

South Findley

ART BRASS

CHEMICALS IN TANKS

TANK NO.	CHEMICALS	PERCENTAGE
10	VAPOR DEGREASER - 40 gal. Trichloroethylene	100%
105	BRASS TANK - 1745 Gal. Copper Cyanide Zinc Cyanide Sodium Cyanide Copper Metal Zinc Metal pH - 10-13	2.9% 1.1% 2.3% 2.3% 0.8%
110	COPPER STRIKE - 890 Gal. Sodium Cyanide Copper Cyanide Copper Metal pH - 10.1	1.1% 1.7% 0.4% - 1.5%
205	ACID DIP - 179 Gal. Sulfuric Acid	5%
210	CHROME TANK - 1077 Gal. Chromic Acid Sulfate	22.6% .1%
215	BLACK NICKEL - 286 Gal. Nickel & Zinc Metals Sulfuric acid Thiocyanate Boric Acid Make up Enhancer - Flouride Nickel Compound	6-9% 3-4.2% 0-4% 3.8% - 7.5% 4.5% .1% 1%
220	ACID DIP - 443 Gal. Hydrochloric Acid	11%
225	CHROME STRIP - 320 Gal. Hydrochloric Acid	16%
230	CHROME DRAGOUT - 320 Gal. Dilute Chrome	
235	NICKEL STRIP - 320 Gal. Sulfuric Acid Glycerin	20% 2%

TANK NO.	CHEMICALS	PERCENTAGE
240	BRIGHT DIP - 50 Gal. Sulfuric Acid Nitric Acid Ammonium Bifloride	31% 22% 12%
245	ALUMINUM DESMUTTER - 50 Gal. Nitric Acid	33.5%
250	ACID COPPER - 1745 Gal. Copper 2 Sulfate Sulfuric Acid Chloride - 94 ppm Copper Metal	18% 5.3% 4.5% - 6%
255	SMALL NICKEL - 640 Gal. Nickel Metal Nickel Chloride Nickel Sulfate Boric Acid BN-A NPA - 35-45 dynes/cm Z.D. - 100 pH - 3.8-4.5	7.5% 7.5% 30.1% 4.5% .5% - .8% 2.3% - 3.8%
260	BIG NICKEL - 1300 Gal. Nickel Nickel Chloride Nickel Sulfate Boric Acid BN-A NPA - 35-45 dynes/cm Z.D. - 100 pH - 3.8-4.5	7.5% 7.5% 30.1% 4.5% .5% - .8% 2.3% - 3.8%
265	NICKEL STRIP - 50 Gal. Nitric Acid	33.5%
270	CHLORIDE/NICKEL STRIKE - 45 Gal. Hydrochloric Acid Nickel Chlorid	7.5% 22.6%
275	D.P. - 56 Gal. Methylene Chloride	70-80% by wt.
280	GOLD TANK - 85 Gal. Gold Metal Buffer Salts Phosphates HT Brightner 300 pH - 4.5	14.3% 14.1% 4.7% 10%

TANK NO.	CHEMICALS	PERCENTAGE
285	ANTIQUO - 305 Gal. M-Tique	20%
300	ALUMON EN - 50 Gal. Zinc Sodium Hydroxide Zinc Oxide	5% 30% 5%
310	CAUSTIC PAINT STRIP - 135 Gal. Sodium Hydroxide	7.5%
320	ELECTRO CLEANER - 1257 Gal. Oakite 90 Sodium Hydroxide Sodium Meta Sillicate	7.5% 45-55% 20-30%
325	BRUJIN - 55 Gal. Formula 851GD Detergent, alkaline builders and bio-degradable	
400	DEAD RINSE - 320 Gal.	
410	RINSE TANK - 310 Gal.	
420	RINSE TANK - 50 Gal.	
425	NICKEL RINSE TANK - 50 Gal.	
430	RINSE TANK - 310 Gal.	
440	NICKEL RINSE - 320 Gal.	
445	HOT NICKEL RINSE - 470 Gal.	
450	HOT RINSE - 470 Gal.	

II. Storage, Use and Location of Chemicals

The normal inventory of chemicals used at Air Brass Plating is listed in Appendix A. This Appendix is the latest copy of the Hazardous Materials Inventory Statement, which is prepared annually for the Seattle Fire Department by Air Brass Plating.

The Following Chemicals are used at Air Brass Plating in the production areas:

Oakite Acid Dip
Oakite Stripper D. P.
Causite Soda (lye, sodium hydroxide)
Nitric Acid
Muratic Acid (hydrochloric acid)
Sulphuric acid
Ammonia
Luna or Econa Chrome
MSP-2 (Chrome mist suppressant)
Barium Carbonate
Trichloroethylene
Alumun
Bone Acid
Nickel electrolytic (anodes)
Nickel chloride (dry of liquid)
Nickel sulfate
Z.D. 100
Z.D. 200
ICA (Iron Control)
M.P.A. (non-piter)
Sodium copper cyanide
Copper sulfate
Sodium cyanide
Sodium zinc cyanide
Jelco
Ene-Brown
Orothern H.T.
Orothern Additive #1
Orothern Additive #2
Orothern Adjusting salts
Orothern H.T. Brightener
Copper nuggets (electrolytic anodes)
Electra EKH
Electra EKM
Diatomaceous earth
Methyl ethyl ketone
Polane B



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Northwest Regional Office, 3190 - 160th Ave S.E. • Bellevue, Washington 98008-5452 • (425) 649-7000

September 22, 1998

CERTIFIED MAIL

P 357 467 210

Mr. Dean Allstrom
Art Brass Plating, Inc.
5516 3rd Ave. S.
Seattle, WA 98108

Dear Mr. Allstrom:

Re: Dangerous waste compliance inspection at Art Brass Plating WAD 981772957
on August 26, 1998. "Final Warning Letter"

Thank you for the time spent by your staff (Bob Hay and Blaine Mack) during our inspection. This was a follow-up to our June 16, 1997 inspection. Since that first visit Ecology has worked with Art Brass on several compliance issues. However, there are still serious outstanding violations of the Dangerous Waste Regulations (Chapter 173-303 WAC). We have worked with your business for over a year and will issue an Enforcement Order if the remaining violations are not resolved soon.

The enclosed checklist summarizes the continuing old and new compliance issues from the inspection. As I explained in the checklist from June 1997, in correspondence in December 1997 and again in February 1998, **the dangerous waste on the floor must be cleaned up** (Item "f" on the current checklist). The July 31, 1998 deadline was not met. A substantial amount of waste remains to be cleaned off the floor. New signs of waste migration out of the building are also a serious concern. **After reviewing the "Actions Needed" instructions on the checklist page 4, please advise me immediately if Art Brass will not be able to finish the cleanup and closure by November 11, 1998.**

Required closure activities include:

- Remove all solid and liquid hazardous waste from the floor.
- Decontaminate the floor and lower 3 feet of wall surfaces.
- Obtain an engineering assessment of the condition and integrity of the containment as a tank system for the time it has been in service. Include the wall and footing, and cracks and joints. An independent licensed professional engineer must provide this; see enclosed guidance.

- Sample the surrounding soils for migrated hazardous waste constituents including Copper, Nickel, Zinc, Lead, Chrome III and VI, and total cyanides. Do this at locations of significant cracks, and wall areas with known problems. (Coring may be necessary).
- Check groundwater conditions for dissolved metals and pH.
- If possible, clean up any hazardous waste constituents that migrated beyond containment, to meet MTCA cleanup standards. Submit a plan for Ecology approval describing any planned removal/disposal of soil and/or concrete. Then complete the work. Submit a full report of these activities with appropriate sample results verifying cleanup.
- If a full cleanup is not possible at this time, file a deed restriction stating the conditions that remain, providing for restricted use of the property.

Although the new room arrangement won't completely prevent dragout spills to the floor, Art Brass must not allow waste to stand in containment. Under normal operation, all spills to the floor and sump must be promptly detected and immediately removed.

The waste treatment area (violation "a") needs quick attention. If Art Brass cannot meet the requirements for waste treatment by generators, all hazardous waste must be sent directly to a permitted TSD facility without any on-site treatment.

Ecology strives first to work with businesses to bring them voluntarily into compliance with the regulations. However, a failure to correct violations that cause potential threats to human health and/or the environment will result in the issuance of an administrative order and/or penalty under RCW 70.105.080 and/or .095 (Hazardous Waste Management).

Please call me at (425) 649-7137 should you have questions or require clarification on any items in this letter or the Compliance Checklist.

Sincerely,



J. David Hohmann
Hazardous Waste Specialist

Enclosures

cc: File HZW 3.1, 8/26/98



Dangerous Waste Compliance Checklist

Inspection Date: 08/26/98

Type of Visit: COMPLIANCE INSPECTION

Opening Conference : Y Site Tour: Y Records Review : Y Closing Conference: Y

Site

Site Name: Art Brass Plating, Inc. WAD 981772957

Site Contact: Bob Hay Title: Environmental Engineer Phone: (206) 767-4443

Other representatives: Blaine Mack Dean Allstrom

Address: 5516 3rd Ave. S. City: Seattle Co: King Zip: 98108

Mail to: same Years on Site: 10+ SIC# 3471 - plating, polishing, anodizing about 50 employees

Generator/Facility Status : LQG. Batch Wastewater Treatment by Generator

Type of Business: Custom and production electroplating, painting and powder coating

Ecology

Hazardous Waste and Toxics Reduction Program-- Northwest Regional Office (Bellevue)

Lead Contact: J. David Hohmann Phone: (425) 649-7137 FAX- (425) 649-7098 Email- dhoh461@ecy.wa.gov

Mailing Address: Ecology NWRO 3190 160th Ave. SE Bellevue, WA 98008-5452

Other Representatives: Rob Reuter

Time On Site: 10:30 AM Time Off Site: 12:40 PM Report Date: 08-28-98 Report By: J. D. H.

Process Information

Processes that Generate Wastes: Plating Dragout --Spills to Floor (batch treated on site), Parts Stripping, Immersion Cleaning and plating--concentrated batches (treated on site), Parts Rinsing -- continuous flow (ph adjust and discharge to sewer), vapor degreasing

Waste Streams (description or codes): Floor Cleaning Waste-- sludge shipped to TSD (F006 D002, D003, WT02); sludge from treatment of electroplating waste solutions including cyanide (F006, D003); methylene chloride (D026 F002 F004), TCE still bottoms (F001 D040), spent MEK (F003 D001 F005 WT02)

Pollution Prevention Suggestions, Technical Assistance Referrals

Information and assistance on the following environmental programs is available from:

Suggestions:

- An upgrade of the waste treatment area may be necessary to effectively and efficiently manage the volumes from the new process lines. With bigger tanks, and an on-site lab you could most effectively manage chemical usage and confirm effective treatment of the waste.
- Consider sludge processing equipment upgrades (a sludge dryer or better press?).
- Minimize the amount of wastewater generated; continue to explore rinsewater conservation methods.
- Most shops have done more to minimize dragout spills to the floor by laying out process tanks in a line.
- Reconsider alternatives to vapor degreasing for as many processes as possible. Air program requirements for chlorinated degreasing are becoming more stringent.
- Consider concentrating business on the most profitable plating operations.

Conditions Not in Compliance

See Lines #,
Below

<p>a.) <i>WAC 173-303-170(3): The generator did not treat dangerous waste on site in accordance with the requirements for Treatment By Generator (including, by reference, WAC 173-303-200, -630, & -640). Concentrated wastes from the floor and from process tanks were being treated by precipitation and separation of solids during batch treatment in tanks in the waste treatment area. (Decanted and separated water was being reused as rinsewater.) Although King County Industrial Waste Program imposes conditions on rinsewater quality for discharge after reuse, the waste treatment process itself is regulated under WAC 173-303.</i></p>	4
<p><i>Problems included the following: Treatment and holding tanks lacked hazardous waste and risk marking, and daily inspections. A 55-gallon drum of partially treated waste was open and unlabeled, and lacked an accumulation start date. The tank containment appeared to lack necessary leak detection equipment. A layer of waste liquid was standing in the containment area under the filter press. This violation was noted in the 6/18/97 inspection. Log record keeping for batches treated was not adequate for waste tracking and reporting.</i></p>	6, 16, 30
<p>b.) <i>WAC 173-303-200(1)(a): Dangerous waste was accumulated on-site for more than 90 days. A drum of waste sodium sulfite had been determined to be unusable approximately 6 months earlier, but had been held in the waste treatment area since then with no progress toward arranging proper disposal.</i></p>	5
<p>c.) <i>WAC 173-303-200(1)(c),(d): A container of dangerous waste was not identified with the words "Hazardous Waste" or "Dangerous Waste" and the major risk(s) associated with the waste, and was not marked with an accumulation start date. The drum of waste sodium sulfite mentioned above lacked the required labeling and marking. A sack of hydroxide sludge lacked an accumulation start date. This was a violation in the 6/18/97 inspection.</i></p>	6, 7
<p>d.) <i>WAC 173-303-200(1)(b) and by reference -630(2): A container of dangerous waste was not maintained in good condition. The 70-gallon steel drum of waste sodium sulfite mentioned above was in poor condition, severely corroded-- the bottom was at risk of rupturing if the container was not moved very carefully.</i></p>	6, 14
<p>e.) <i>WAC 173-303-200(1)(e) and by reference -350: The contingency plan was not adequate. The plan lacked critical information on emergency equipment. It did not mention the location, function and procedures for using the emergency holding tank. There was a violation with this plan in the 6/18/93 inspection.</i></p>	22, 27
<p>f.) <i>WAC 173-303-145(2): Spills of dangerous waste were not adequately cleaned up. WAC 173-303-200(1)(b) and by reference -640 (2) through (10), except -(8)(c) and second sentence of -(8)(a): A tank holding dangerous waste did not meet the applicable requirements. Dragout spills to the plating room floor were ongoing. Waste spills were left standing on the floor, using the containment as an accumulation tank. The floor didn't meet tank design, operation, and maintenance requirements. This violation was noted in the 6/18/93 inspection. Some progress had been made removing 11 cubic yards (so far) of accumulated waste from the floor, but a similar amount of waste was estimated to remain on the floor under the process tanks.</i></p>	3, 30
<p><u>Compounding our concern:</u></p> <ul style="list-style-type: none"> • A potential threat to human health caused by lack of segregation between cyanide and acid process areas (spills could be mixing on the floor, causing a toxic cyanide vapor threat). • A threat to the environment (soil, groundwater and site stormwater) caused by waste migration outside the building. We observed blue-green corroded mortar and bubbled paint in three locations on the outside of the concrete block building wall within 18 inches of grade level. The soil under the floor and under the wall was at high risk of ongoing contamination. An unknown white residue on the asphalt pavement by a back door to the plating room may also have been waste related. 	

line #	Violation	WAC 173-303
WASTE MANAGEMENT		
1	Waste Designation	-170(1)(a) & -070(3)
2	Failure to Offer Waste to TSD	-141
3	Spills/Discharges	-145
4	Treatment-by-Generator	-170(3)
5	Accumulation Time Limits	-200(1)(a)
6	Accumulation in Containers/Tanks	-200(1)(b), see -630/-640
7	Container/Tank Labeling	-200(1)(c)
8	Secondary Containment	-200(1)(b)
9	Satellite Accumulation	-200(2)
10	Medium Quantity Generator	-201(c)
11	Ignitable/Reactive/Incompatible Wastes	-395
12	Used Oil Burned for Energy	-515
13	Use/Mgmt. Of Containers	-630
14	- Condition of containers	-630(2)
15	- Compatible containers	-630(4)
16	- Closed containers	-630(5)(a)
17	- Container handling	-630(5)(b)
18	- Weekly Inspections	-630(6)
19	- Secondary Containment	-630(7)

line #	Violation	WAC 173-303
ADMINISTRATION/RECORDS		
20	Notification & Identification #s	-060(2)
21	Manifesting	-180
22	Large Qty. Generator Plans	-200(1)(b), -320 to -360
23	Recordkeeping Retention Times	-210
24	Annual Report/Exception Report	-220
25	Personnel Training Requirements	-330
26	Preparedness & Prevention	-340
27	Contingency Plan	-350
28	Emergencies	-360
29	Permit-by-Rule	-802(5)
OTHER DANGEROUS WASTE VIOLATIONS		
30	Dangerous Waste Tanks	-640
31		
32		
OTHER ENVIRONMENTAL LAWS/CONCERNS		
33		
34		

Reminder: Ecology will provide a copy of the text of regulations for which violations are cited.

Questions, Concerns, Comments

- We recommend stenciling a label on the emergency tank to aid potential emergency response personnel.
- Please re-verify that the D003 waste designation code is attached to all cyanide-bearing wastes including all floor cleanout wastes. This was not entirely clear in your annual report data.
- As discussed, contaminated floorboards will in all likelihood designate as hazardous waste and should be managed as such at the time of removal from use.
- Dangerous Waste Treatment by Generator requirements are outlined in Publication 96-412 and related specific guidance.
- Dangerous Waste Tank System Certification and Secondary Containment Assessment Guidance requirements are outlined in Publications 94-114 and 95-420.

Ecology will: Provide copies of above mentioned publications along with this checklist, and other technical assistance as needed.

Owner/Operator will: Be advised of these issues and take steps to address them as needed to ensure compliance with the regulatory requirements.

COMPLIANCE ACTIONS REQUIRED

Instructions: The actions identified below are necessary to bring your facility into compliance with Washington's Dangerous Waste Regulations (Chapter 173-303 WAC), or other environmental laws or regulations. Please indicate the date each action is completed and initial each item. If an action is not completed, please note in the "Date Completed" column and explain on back of this page.

Page 2 Line #	Actions Needed to Achieve Compliance	By When?	Date Completed	Initial
4, 6, 16, 30	<p>a.) Regarding treatment of dangerous waste in tanks and containers:</p> <ul style="list-style-type: none"> • Obtain an assessment and certification by an independent licensed professional engineer that the tank systems are adequately designed and constructed according to applicable requirements. Secondary containment may need to be upgraded to do this. Leak detection devices may be needed depending on the age of the tanks. • Label each tank and container which holds and/or treats dangerous waste as "dangerous waste" or "hazardous waste", and provide risk labeling ("toxic", or "corrosive"). • Conduct and document tank inspections: daily inspections for leaks and general tank condition, and periodic inspections of overfill controls and cathodic protection systems. • Keep a log that clearly records each batch of waste that is treated— <u>For incoming material:</u> the date of initial generation and quantity in each incoming batch, waste designation codes prior to treatment. <u>For the treatment itself:</u> the date of treatment, quantity treated, and some measurement or test which confirms the treatment was successful. <u>For residuals from treatment:</u> list the type and quantity of any residuals, along with any waste codes still applicable to those residuals. <p>Please submit copies of the engineer's assessment, photos of properly labeled tanks and containers, copies of tank inspection logs, and copies of a week's worth of waste treatment logs.</p>	11-10-1998 10-10-1998 10-10-1998 10-10-1998 11-10-1998		
5, 6, 7, 14	<p>b.), c.), and d.) Provide adequate labeling, safe packaging (overpack if needed with assistance if needed from a qualified hazardous waste transport service company), and prompt disposal to a TSD facility for the waste sodium sulfite material.</p> <p>Please send a photo showing the corrections made to the container, and a copy of the hazardous waste manifest for disposal of this waste to a TSD facility.</p>	10-21-1998		
22, 27	<p>e.) Please modify the Contingency Plan and Emergency Procedures to provide the necessary information about the Emergency Tank. Please keep this plan up to date with current production operations, floor plans, and waste treatment operations.</p> <p>Please send a copy of the modified plan for review.</p>	10-21-1998		
3, 19, 30	<p>f.) Complete a cleanout of all dangerous waste from the floor under the process tanks in the plating room. Decontaminate the floor and walls. Obtain a hazardous waste tank closure assessment from a qualified independent licensed professional engineer. The assessment must address potential migration of waste constituents to the environment during time of operation. (Described in guidance and letter.)</p> <p>Please provide a copy of the assessment report with a certification of closure.</p>	11-10-1998		

RECEIVED

APR 23 1999

DEPT OF ECOLOGY

April 16, 1999

Mr. Bob Hay
Art Brass Plating, Inc.
5516 Third Avenue South
Seattle, Washington 98108

Subject: Soil and Groundwater Sampling and Analysis Results
Art Brass Plating, Inc. Facility
5516 Third Avenue South, Seattle, Washington
PSI Project No. 578-9E006

Dear Mr. Hay:

This report describes the results of soil and groundwater sampling and chemical analysis activities performed by Professional Service Industries, Inc. (PSI) at the subject site. The project site location is illustrated on Figure 1. These activities were performed on behalf of Art Brass Plating, Inc. in response to authorization of PSI Proposal No. 578-9055. The scope of services performed by PSI, the results of these activities, and our conclusions and recommendations are described in the following paragraphs.

SCOPE OF SERVICES

The objective of this investigation was to evaluate if plating fluids potentially breached the secondary containment system inside the building, and migrated through an annular space between the floor and wall to be released into the soil and groundwater below the exterior wall. Two locations were identified and marked by Art Brass Plating where a release may have occurred. These two locations were the subject of this investigation.

The scope of services performed by PSI included:

- Advancing two Strataprobe sample points to a maximum depth of nine feet at the subject locations selected by Art Brass Plating to collect soil and groundwater samples;
- Collecting one soil sample and one groundwater sample from each probe location and submitting the samples to a Washington State Department of Ecology (Ecology)-accredited laboratory for chemical analysis to evaluate potential total metals (Cu, Cr, Ni, Pb, and Zn) and total cyanide concentrations;
- Evaluating the chemical analysis results and comparing the concentrations to available Model Toxics Control Act (MTCA) Method A cleanup levels; and,

- Preparing this written report describing the results of field activities, chemical analysis results, and our conclusions.

This scope of work is further described in the following paragraphs.

SAMPLING ACTIVITIES

Sampling activities were performed on March 29, 1999, and were observed and documented by a PSI geologist. Prior to the commencement of assessment activities, Utilities Underground, a utility locating service, was contacted to locate underground utilities in the vicinity of the soil probe locations.

Soil probes were advanced by Transglobal Environmental Geosciences Northwest, Inc. of Lacey, Washington, using a Strataprobe. The probe locations, designated B-1 and B-2, are shown on Figure 2. The sample probes were advanced to a maximum depth of 9 feet, below ground surface. Continuous soil samples and one groundwater sample were collected from each probe hole. The Strataprobe logs are attached to this letter. Upon completion of the investigation, the soil probe holes were abandoned by backfilling with bentonite chips.

Soil samples were collected for geologic characterization according to the Unified Soil Classification System (USCS, ASTM 2488-69). Samples were visually classified and no geotechnical tests were performed on these samples. The soil samples were collected using a 1.0-inch diameter sampler driven into the soil at the head of the probe. Soil samples from the 1.5 to 2.0-foot depth were selected for laboratory chemical analysis and were immediately contained in labeled, laboratory-prepared glass jars and placed in a chilled cooler for storage and transport to the laboratory using chain-of-custody procedures.

Groundwater was encountered at a depth of approximately 6.5 feet in both probe holes. A probe screen was installed in each borehole at a depth of 6.5 to 9.0 feet. A peristaltic pump was used to purge and develop the probe screen, with approximately two gallons pumped from each probe. The turbidity of the water was observed to decrease with pumping, although some turbidity was still present at the time of sampling. A groundwater sample was collected from each probe using the peristaltic pump for laboratory chemical analysis and immediately contained in labeled, laboratory-prepared sample bottles and placed in a chilled cooler.

CHEMICAL ANALYSIS METHODS

Soil and groundwater samples collected by PSI were delivered to Sound Analytical Services, Inc. in Tacoma, Washington for chemical analysis. Samples were submitted for chemical analysis of selected total metals (Cu, Cr, Ni, Pb, and Zn) using EPA method 6010 and total cyanide using EPA method 335.3 for groundwater and EPA method 9010 for soil. A copy of the laboratory report is attached to this letter.

SITE HYDROGEOLOGICAL CHARACTERISTICS

Soil conditions encountered in the two probe locations generally consisted of dark brown, loose silty sand from the ground surface to a depth of four to five feet. Underlying this sand, brown to dark brown silt was present at least to a depth of nine feet. For a more thorough description of the soil conditions encountered, please refer to the boring logs attached to this letter. The description of the subsurface conditions provided herein was derived from on-site observations of soil samples collected only from the locations where Strataprobes were installed. The soil stratigraphy at the subject site was generally consistent between probe locations. Groundwater was encountered at both probe locations below about 6.5 feet.

ENVIRONMENTAL MONITORING RESULTS

Soil chemistry results are summarized in Table 1, and groundwater chemistry results are summarized in Table 2. The results are compared to MTCA Method A cleanup levels, which are available for chromium and lead. There are no listed Method A cleanup levels for the other metals or cyanide. Soil chemical analysis results indicate that elevated concentrations of lead and zinc were present in the shallow soil at the B-1 probe location on the west side of the building, relative to the B-2 probe location. However, the lead concentration (140 milligrams per kilogram, mg/kg) does not exceed the MTCA cleanup level (250 mg/kg). No cyanide was detected in the soil at either probe location.

Sample No.	Date Sampled	Cyanide (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)
B1-2	3/29/99	<0.3	17.	35.	140.	13.	210.
B2-2	3/29/99	<0.3	8.8	9.	<11.	17.	19.
MTCA Method A Cleanup Level		N/A	100	N/A	250	N/A	N/A

Sample No.	Date Sampled	Cyanide (mg/l)	Chromium (mg/l)	Copper (mg/l)	Lead (mg/l)	Nickel (mg/l)	Zinc (mg/l)
B1-6.5	3/29/99	<0.05	0.13	0.13	<0.16	0.57	0.28
B2-6.5	3/29/99	<0.05	0.034	0.072	<0.05	0.095	0.27
MTCA Method A Cleanup Level		N/A	0.050	N/A	0.005	N/A	N/A

Note: N/A = MTCA Method A cleanup level not available.

Soil and Groundwater Sampling and Analysis Results
Art Brass Plating, Inc. Facility
PSI Project No. 578-9E006
April 16, 1999

The chemical analysis results for the groundwater samples (Table 2) indicate that chromium was detected at a concentration of 0.13 milligrams per liter (mg/l) in the probe B-1 water sample. This concentration exceeds the MTCA Method A cleanup level of 0.050 mg/l. This elevated concentration may be the result of turbidity in the water sample. An elevated chromium concentration was not present in the soil sample at this location, which would likely be present if the chromium were from plating fluid released at ground surface. The groundwater chromium concentration from probe B-2 (0.034 mg/l) did not exceed the MTCA cleanup level. No cyanide was detected in the groundwater at either probe location.

CONCLUSIONS

Based on the results of this assessment, PSI concludes that a relatively minor release of plating fluid may have occurred on the west side of the building at the probe B-1 location, which resulted in elevated lead and zinc concentrations in the near-surface soil. The soil lead concentration does not exceed the MTCA Method A cleanup level. However, the chromium concentration in the groundwater at this location did exceed the MTCA Method A cleanup level. This may be the result of turbidity in the sample. No cyanide was detected in either the soil or groundwater at either probe location.

LIMITATIONS

This report has been prepared for the information of the client only. Our observations and conclusions are based on the results of the field explorations, and have been prepared in accordance with generally accepted environmental principles and practices. PSI makes no other warranty, either expressed or implied. If this report is to be reproduced or transmitted to a third party, it must be done so in its entirety.

We hope this information meets your current needs. If you have questions regarding the contents of this report, please call our office at 206/282-0666.

Respectfully submitted,

Professional Service Industries, Inc.

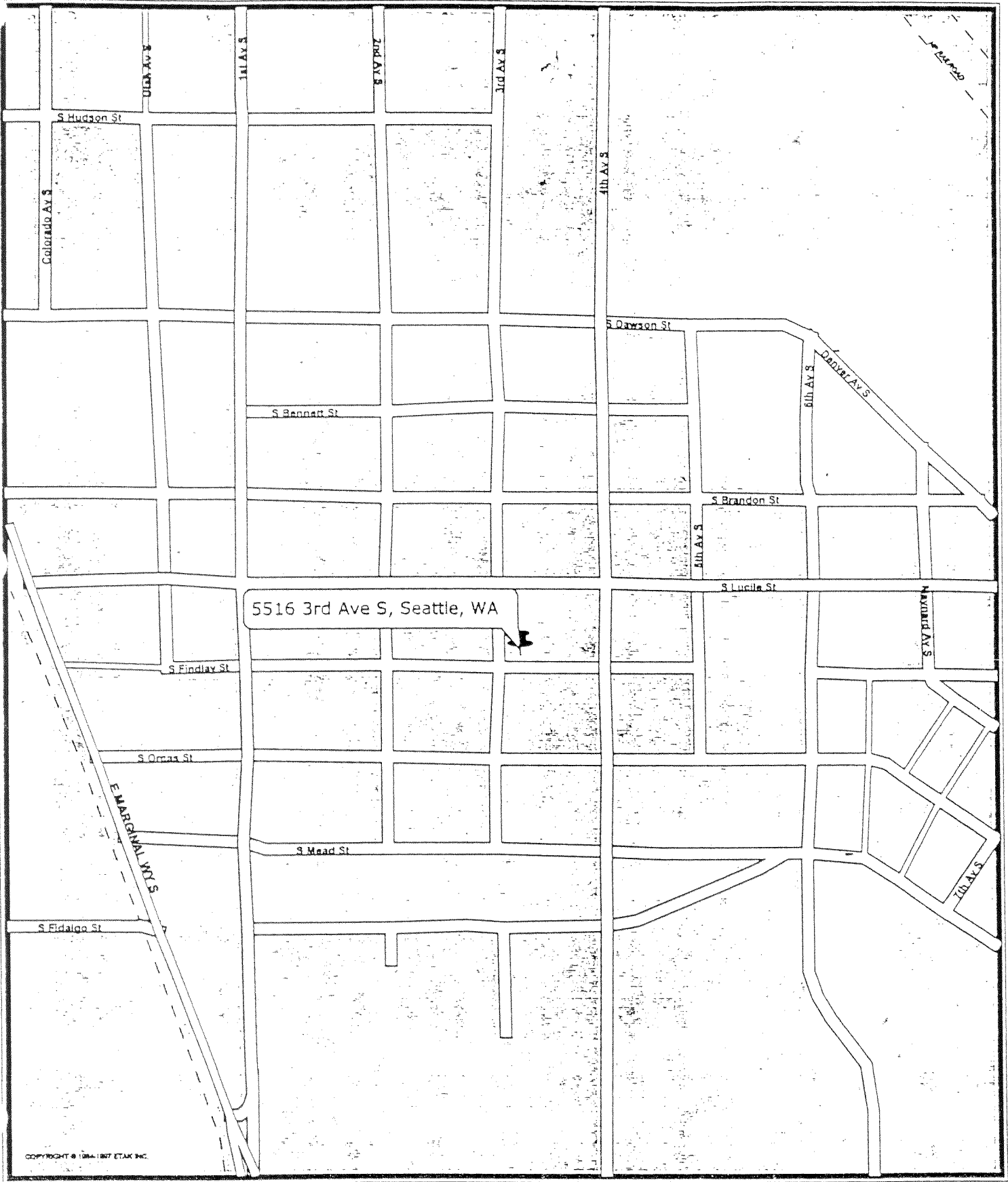
Reviewed by: Jeff Thompson, Manager, Environmental Services *DKB/for*

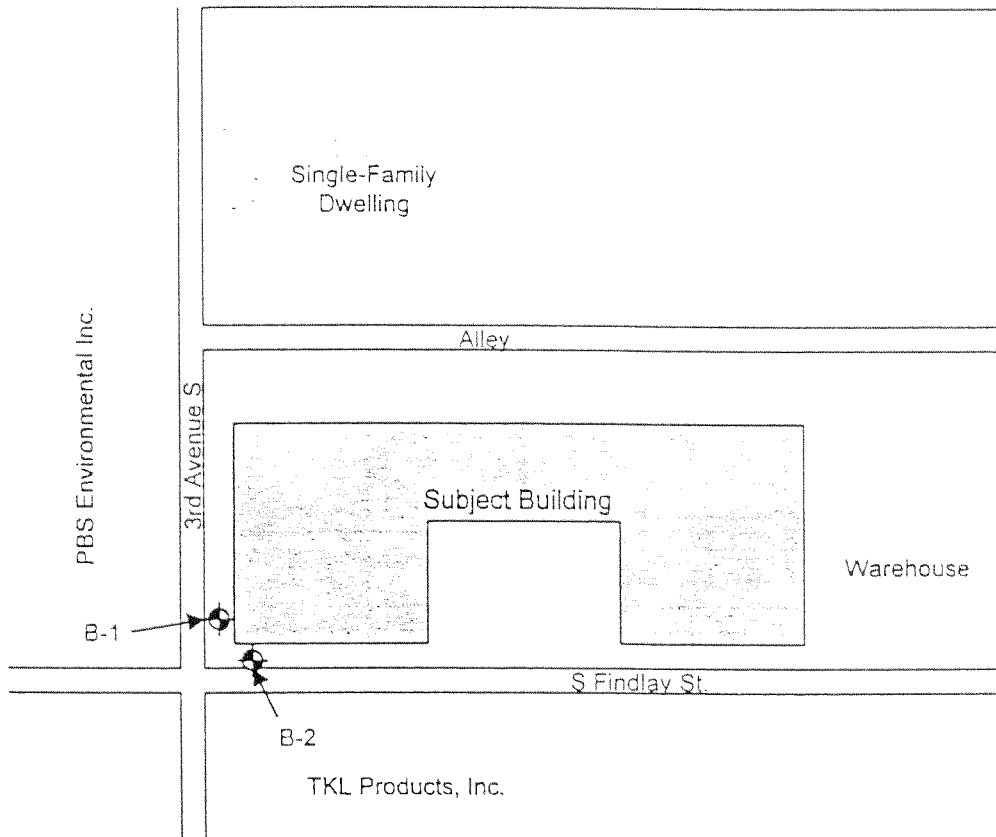


Donald K. Balmer, R.G.
Senior Hydrogeologist

Attachment: Figures 1 and 2
Boring Logs B-1 and B-2
Sound Analytical Services, Inc. Report


Figure 1 -- Location Map





Approximate Scale
1"=80'

LEGEND


 B-1 Strataprobe Boring and
Approximate Location

Professional **S**ervice **I**ndustries, Inc.
 3257 16th Avenue West, Seattle, WA 98119-1706
 206-282-0666

FIGURE 2 – Site and Exploration Plan
 Art Brass Plating, Inc.
 5516 3rd Avenue South
 Seattle, Washington
 PSI Project No.: 578-9E006



ENVIRONMENTAL BOREHOLE LOG - B-1

Art Brass Plating, Inc.
5516 3rd Avenue South, Seattle, WA

Project: Subsurface Investigation

Project Number: 578-9E006

Boring Type: Strataprobe

Boring Location: West side of subject building.

DEPTH, FT	SAMPLE ID	INTERVAL	BLOW COUNTS/6 IN	PID (ppm)	DEPTH, FT	DESCRIPTION OF MATERIAL	USCS SYMBOL	SOIL LOG	WELL LOG	DEPTH, FT
					0.25	Asphalt.				
	B1-2'	⊗				Dark brown, silty sand (SM); slightly moist to moist, loose, with few gravels, few clay, fine to med grained.	SM			
5										5
	B1-6.5'	⊗			6	Mottled brown-orange, silt (ML); moist to wet, medium dense, with little clay, cohesive. Observed groundwater @ 6.5 feet.	ML			
					9	Total depth = 9 feet. Note: Probe screen at 6.5 feet to 9.0 feet for groundwater sample.				
10										10
15										15
20										20
25										25
30										30
35										35

DEPTH TO WATER: 6.5'

COMPLETION DEPTH: 9.0'

DATE: 3/20/00

/H01 LOG 5789E006 GPJ Mine GDI 4/19/99



ENVIRONMENTAL BOREHOLE LOG NO. B-2

Art Brass Plating, Inc.
5516 3rd Avenue South, Seattle, WA

Project: Subsurface Investigation

Project Number: 578-9E006

Boring Type: Strataprobe

Boring Location: South side of subject building.

DEPTH, FT	SAMPLE ID	INTERVAL	BLOW COUNTS/6 IN	PID (ppm)	DEPTH, FT	DESCRIPTION OF MATERIAL	USCS SYMBOL	SOIL LOG	WELL LOG	DEPTH, FT
					0.25	Asphalt	SM			
	B2-2'	⊗				Dark brown, silty sand (SM); slightly moist to moist, loose, with few gravels, few clay, fine to medium grained.				
5					5.5	Mottled brown-orange to dark brown, silt (ML); moist to wet, medium dense, with little clay, cohesive.				5
	B2-6.5'	⊗				Observed groundwater @ 6.5 feet.				
10					9	Total depth = 9 feet. Note: Probe screen at 6.5 feet to 9.0 feet for groundwater sample.				10
15										15
20										20
25										25
30										30
35										35

G. 5789E006 GPJ MINE GDT 4/1999

DEPTH TO WATER: 6.5'

6.5'

COMPLETION DEPTH: 9.0'

9.0'

ADVANCED CHEMICAL TECHNOLOGIES, INC.

P.O. BOX 21, REDMOND, WA 98073-0021

OFFICE: (206) 888-7804 FAX: (206) 868-4372

April 21, 1999

RECEIVED

Bob Hay, Environmental Manager
Art Brass Plating, Inc.
5516 - 3rd South
Seattle, WA 98108

APR 23 1999

DEPT OF ECOLOGY

Re: Old Plating Area Clean Out
Inspection of Former Plating Area Floor
Department of Ecology Letter Dated September 22, 1998

Dear Mr. Hay:

The purpose of this letter is to provide a review of the clean out of the old plating area plus an engineering report per the referenced Ecology letter and the applicable provisions of WAC 173-303 cited in this report. This letter report is divided into those two tasks.

Old Plating Area Clean Out

I have performed work at Art Brass on a task request basis since 1986. What is now the "old plating area" did not significantly change since 1986. More important is the consistent, excellent practice of rinsing the part's dragout chemicals back to the process tank prior to rinsing the parts in common immersion rinse tanks. I recall evaluating that practice and the rinse tank's hard piping to the collection sump as part of Art Brass' first Metro discharge permit.

The two practices outlined above were not common to then existing job shops. It can not be understated how crucial those practices were to the floor's integrity. The floor integrity assessment is detailed below.

I dropped by your facility unannounced three times during your clean up project and briefly reviewed your progress. During those and other visits, you and the company management were very much aware of the significance of proper cleaning procedures and final waste disposal. The attached hazardous waste manifest copies indicate a) a proper disposal route for the old plating area debris and, b) consistent disposal volume with the material on site and my experience with similar projects.

Problem Statement - Floor Assessment

Professional Engineering assessment of the former metal finishing area to the standards listed below.

Standards of Evaluation - Floor Assessment

The standards used to evaluate the problem statement are 1) the September 22, 1998 Department of Ecology letter, 2) WAC 173-303-640(7) of the Dangerous Waste Regulations and 3) common industrial and engineering practices. WAC 173-303-640(7) is selected because it is specific to "Response to leaks or spills and disposition of leaking or unfit-for-use

tank systems" and most specific to possible releases from secondary containment systems. Other portions of WAC 173-303-640 were not considered applicable because 1) they were not specified in the Ecology letter, 2) they are directed at tank systems versus secondary containment and 3) they involve closure while the subject area will have continued hazardous material and metal finishing uses.

The items specifically to be addressed in this report are:

1. Cessation of use and prevention of undesirable flows.
2. Removal of waste from the secondary containment system.
3. Assess known or potential release paths of hazardous materials.
4. Note standards requiring further actions by the company.
5. Certification of major repairs.

Given Information - Floor Assessment

1. The "Former Plating Area" (the room) is the large room at the southwest corner of the building and south of the transportation aisle.
2. The metal finishing operations have been moved to the other side of the room's east wall.
3. The eastern eight feet of the room had a slab poured over the pre-existing slab, plating bath filters are installed on the new slab. The plating area rectifiers are installed on a platform built over the new slab area.
4. The vapor degreaser will continue to operate in its existing location within the room. A metal and paint stripping line will re-installed in the room. The remaining area will be used for raw chemical and hardware storage. The area will not be closed with respect to hazardous materials management and waste generating processes. The area will not be used for hazardous waste storage.
5. The remaining room area, not discussed in the previous four points, was substantially cleaned and cleared to the slab and side walls prior to this engineer's inspection. This engineer is familiar with the previous operations that took place in the area.
6. There were no slab and wall inspections prior to the room cleaning and during the operations in the room.
7. The room will not be closed with respect to hazardous materials management. The room will continue in operation with 1) vapor degreasing, 2) metal stripping line, 3) plating bath filters, 4) rectifiers, 5) chemical storage and 6) satellite accumulation of hazardous waste but no hazardous waste storage.
8. Secondary containment will be re-installed in the room for the new chemical storage area and revised metal stripping line.

Evaluation - Floor Assessment

The area's use as a secondary containment for metal finishing process tanks has ceased except for the revised strip tanks. There currently are no undesirable flows. The waste material has been removed from the secondary containment system. The old secondary containment structure itself has been removed and subsequently replaced after the slab inspection.

Slab - The slab area is defined as the concrete within the room floor and exclusive of the wall to slab joint. The slab was visually surveyed on

north/south lines approximately 3 feet apart. A 3/16" metal rod was used to 1) break and remove loose surface material, 2) probe potential loose concrete and 3) tap the concrete for possible subsurface voids. There were no obvious cracks, missing sections or significantly deteriorated portions of the slab.

The slab is not evenly poured or smooth finished but its condition is analogous to any other industrial installation. The slab showed evidence of the containment berm being positively attached to the floor. The slab area outside of the berm and near the south and west walls did not have any significant deterioration.

Slab to Wall Joint - There was a small gap at the western half of the southern wall to slab joint and the western wall to slab joint. The slab areas were damp. The liquid indications seem consistent with part spray off water rather than process solutions (consistent with past, long term observation of operations).

Sewer Discharge Sump - Near the southwest corner of the area is a below grade sump. The sump receives rinse water that is pH adjusted in-situ prior to discharge to the sanitary sewer. The slab to sump wall joint, the sump walls/floor and the sewer pipe to sump wall joints were all in excellent condition. This is consistent with operating observations and professional engineering work dating back to the mid-1980s.

Interior Wall - The lower couple inches of the concrete block wall near the open slab to wall joints indicated significant corrosion. The wall area above the corroded portion of the wall appeared subject to liquid spray. The liquid indications seem consistent with part spray off water rather than process solutions (consistent with past, long term observation of operations). The significantly corroded parts of the wall were likely due to pooling of the sprayed rinse water between the wall and the berm.

Exterior Wall - Most of the exterior block to foundation joint line (corresponded to the interior slab to wall gaps) indicated some leakage. Some of the leakage was colored but its hazardous material content was indeterminate due to interference with paint, grout and sealants. The fuzzy look of the leakage is common to leached calcium based minerals from the grout. The leakage appearance diminished as it progressed down to the asphalt paving. Therefore, though a likely discharge, the duration, quantity and quality of the leakage reaching surface water can not be reasonably ascertained but is qualitatively assessed as a small volume.

Potential Release Paths - The release of hazardous material to the environment is suspected through the slab to wall gaps. It can not be fully confirmed with the level of current information. If a release occurred, the release path would be to the storm sewer and ultimately to Puget Sound. However, it is believed that the storm sewer is still combined with the sanitary sewer system and, therefore, subject to POTW treatment prior to discharge to Puget Sound. There are no known drinking water or sensitive surface water features known to be between the possible release, the storm sewer and the POTW.

The potential release path to the soil under the slab is likely not significant. If it were significant, the liquid entering the slab to wall

gap would not exit out the block wall to foundation joint. There seem to be a soil type, mechanical means or other barrier to a flow path under the slab.

Conclusions and Recommendations - Floor Assessment

In relation to the standards of review, the conclusions and recommendations are the following:

1. Use of the area for hazardous material operations has ceased but hazardous material storage has started in the renovated area.
2. Undesirable flows have ceased.
3. Waste in the secondary containment system has been removed. Hazardous waste will not be returned to the area. Therefore, WAC 173-303-640(7)(f) is not applicable.
4. There is no reasonable cause to believe the slab and sump areas are potential release paths of hazardous materials. To the contrary, they are in very good condition.
5. There is reasonable cause to believe the gaps in the slab to wall areas are release paths of hazardous materials to the exterior wall to foundation joint. Significant leakage to the soil under the slab is not likely. It is important to note that the leakage a) was not from a tank or containment breach and b) apparently from spray rinse operations depositing between the wall and the containment berm.
6. The surface and near surface paving and soil under the exterior wall leak paths should be sampled for heavy metals. This screening method would determine the need for further investigation.
7. Its recommended that the company be aware of and follow, as needed for the release investigation and evaluation, the administration and clean up requirements of the Dangerous Waste Regulations (WAC 173-303) and the Model Toxics Control Act (WAC 173-340) plus their referenced methods.

Please call or fax with any questions.

Sincerely,
Advanced Chemical Technologies, Inc.



By: Gregory R. Allan, P.E.

Attachments: Copies of Hazardous Waste Manifest Numbers:
WAD981772957 - 99011
WAD981772957 - 99048
WAD981772957 - 99060

ArtBrassContainInspect1

RECEIVED

AUG 04 1999

DEPT OF ECOLOGY

ART BRASS PLATING INC.
5516 3rd Ave So.
Seattle WA 98108
(206) 767-4443; fax 762-6118

August 4, 1999

FAX TRANSMITTAL TO: (425) 649-7284
Two Pages, including this page

Mr. J.D. Hohmann
Dept. of Ecology NWRO
3190 160th Ave S.E.
Bellevue, WA 98008-5452

Report on incidence which required implementation of the Contingency Plan

I was notified On 08/03/99 @ 0915 that there was fluid exiting the Plating Shop back door, adjacent to Finly Street and running west towards the drain at the intersection of Finly and 3rd. Listed are the response and actions taken to prevent potential hazards to human health or the environment:

Cause; an employee was topping off the brass tank with water, heated tanks are often replenished to correct for evaporation, left unattended this caused to tank to overflow.

Location; the placement of the tank with relation to the bermed area caused the solution to flow over the extended lip of the tank, fall on top of the berm and exit the building to the asphalt adjacent to Finly Street. Aprox. 30 gallons.

Initial actions; cessation of the source, spill booms placed, drain covered, secure area.

Assessment; the brass plating solution has cyanide concentrations above reportable release limits, the spill was in the asphalt drainage, the spill movement - (westward) was halted approximately fifteen feet from the storm drain, immediate cleanup measures and decontamination utilizing trained personnel would prevent serious hazards.

Response equipment; two spill response containers (55 gal. poly drums), two fifteen gallon wet vac's, one 55 gal steel drum with liner, pump, brooms, shovels and buckets, forklifts, traffic cones, more spill booms and two sacks of floor dry, necessary PPE.

Cleanup actions; (beginning @ 0930) wet vac's removed approx. 30 gal. which was placed in a poly drum, the surrounding gravel was swept and shoveled into the steel drum (aprox. 100 lbs), five gallon buckets were filled with water and progressively poured over the spill area one at a time while being vaced back up, this was done in three sessions using five buckets a session, Calcium Hypochlorite mixed at about 6 oz/gal was used in the same manner as the water (poured and vaced) to destroy the residual cyanides (5 buckets) then rinsed with water, the wet vac's were

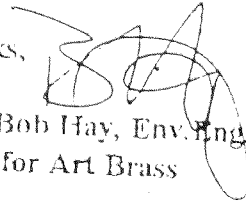
pumped into the poly drums which were transported to a like tank in our waste treat area for processing.

Decon; exposed equipment was bleached, rinsed and stored, the original condition of the zone was returned, the steel drum labeled Haz-waste, reported to King county Industrial Waste (Jeff Bowman) and D.O.E. (Donna Musa).

Corrective measures; 08/04/99 @ 0600 began construction of secondary berm at back door and shield on corner of brass tank Future- installation of audible alarms in berms for leak detection, strict policies on filling tanks along with devices which cannot be left unattended.

As mentioned during our 08/04/99 phone conversation- the incidence is complete with photo documentation available to you. Please let me know of further information needed.

Thanks,


Bob Hay, Env. Eng.
for Art Brass

Capital Industries
5801 Third Avenue South

Facility/Site Detail

Facility/Site Name: Capital Industries Inc

Ecology Identifier: 11598755

Facility/Site Location

Geographic Location	Latitude/Longitude
Street Address or Location 5801 3RD AVE S City: SEATTLE ZIP Code: 98108 County: KING Congressional District: 7 Legislative District: 11	Latitude: Deg: 47 Min: 33 Sec: 5.33 Longitude: Deg: 122 Min: 19 Sec: 51.35 Decimal Equivalents Latitude: 47.5515 Longitude: 122.3309 Accuracy Level: Unknown

Display the location of this site and all other sites of interest to the Department of Ecology that are approximately within a one half mile radius. Display the location of this site only, but do it via a controllable version of the map.

Reason for Interaction with the Department of Ecology

Interaction Description	Responsible Organization	Ecology Contact Phone #	Status
Hazardous Waste Generator	HAZWASTE	(360) 407-7555	Active
Toxics Release Inventory	HAZWASTE	(360) 407-6727	Active
Toxics Release Inventory	HAZWASTE	(360) 407-6727	Active
Tier Two Reports	HAZWASTE		Active

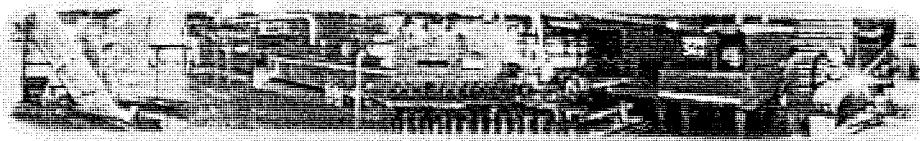
Industrial Classification

SIC Code	SIC Code Description
3444	SHEET METAL WORK
3449	MISCELLANEOUS METAL WORK
3469	METAL STAMPINGS, NEC
3499	FABRICATED METAL PRODUCTS, NEC

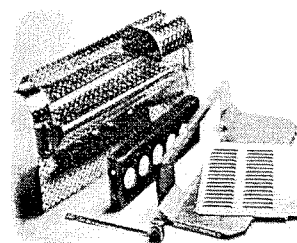
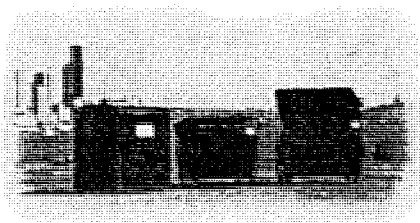
Mailing Address of Facility/Site

No Address Information Available at this Time

Welcome to the Home of
Capital Industries, Inc.
 A Tradition of Excellence Since 1953



The broad base of equipment plus the knowledge and expertise of our personnel has enabled Capital Industries to support all types of industry. Transportation, solid waste, containers, marine, energy, construction, and aerospace are only a few examples. Our continual growth has positioned us with a diverse range of machinery and skilled, professional personnel committed to the concepts of quality and service. Capital Industries, Inc. is, without question, the most complete and diverse metal fabrication facility in the Northwest.



FORMING

Multiple press brakes offer high productivity and accuracy for precision parts with capacity that extends up to 1250 tons and 34' overall bed length.

SHEARING

Our shearing capacity ranges from light guage sheet metal to 1" thick plate x 20' in length.

LASER CUTTING

Our lasers can cut up to 3/4" mild steel, 3/8" stainless steel, and 3/16" aluminum with maximum 3500 watts and table size 80" x 160".

PUNCHING

A combination of manual punches, numerically controlled turrets, and cellular technology that features automated on/off load, plasma cutting, and an integral right angle shear.

WELDING

Over 50 Weld Stations offering SAW, SMAW, GMAW, GTAW, FCAW and Spotwelding. Personnel certified for welding both ferrous and non-ferrous metals.

ROLLING

Plate rolls can handle up to 3/4" thick mild steel x 8' long.

MISCELLANEOUS

Drilling, sawing, five-stage wash coating/pre-treatment system, 40' drive-through paint booths, assembly and finishing.

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EPA Office of Environmental Information

Facility Profile Report

[Return](#)**TRI Facility Profile**

TRI Facility Name: **CAPITAL IND. INC.**
 Address: 5801 3RD AVE. S.
 SEATTLE, WA 98108
 County: KING
 Public Contact: KEN GRIMM
 Phone Number: 206 762-8585

Forms Submitted to TRI in 1999 Reporting Year:

Form R (regular form): 1
Form A (short form): 0

Standard Industrial Classification (SIC) Code(s) in 1999 Reporting Year:

3444 SHEET METAL WORK
 3469 METAL STAMPINGS, NEC
 3499 FABRICATED METAL PRODUCTS, NEC

Reported TRI Chemical Data
(in pounds, for all chemicals reported in 1999)

<u>Total On-site Releases:</u>	13,533
<u>Total Off-site Releases:</u>	.
<u>Total Transfers Off-site for Further Waste Management:</u>	158
<u>Total Waste Managed:</u>	14,586

TRI Facility Trend Graphs (click to view trend graph)

[Total On- and Off-site Releases](#)
[Total Transfers Off-site for Further Waste Management](#)
[Total Waste Managed](#)

TRI Chemical Trend Table (click to view trend table)
(all chemicals reported to TRI between 1988 and 1999)

Row #	Chemical	On- and Off-site Releases Trend	Transfers Off-site for Further Waste Management Trend	Quantities of TRI Chemicals in Waste Trend	EPA's IRIS Substance File (Risk Information) i
1	METHYL ISOBUTYL KETONE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	TOLUENE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	TRICHLOROETHYLENE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4	XYLENE (MIXED ISOMERS)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Other TRI Facility Information

Latitude: 47-40-24
Longitude: 122-21-42
Parent Company Name: NA
Parent Company Dun and Bradstreet: NA
TRI Facility ID Number: 98108CPTLN58013
RCRA ID Number (Land): WAD009245465

Down load [all data](#) for CAPITAL IND. INC.

***Note:** Reporting year (RY) 1999 is the most recent TRI data available. Facilities reporting to TRI were required to submit RY 1999 data to EPA by July 2000. TRI Explorer is using a "frozen" data set that includes revisions submitted to EPA as of December 28, 2000 for the years 1988 to 1999 (i.e., revisions submitted to EPA after this time are not reflected in TRI Explorer reports). Please access [EPA Envirofacts](#) to view TRI data with the most recent revisions.*

Please see [assumptions](#) for revisions submitted by a facility in Pennsylvania in the "no codes" category.

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TRI On-site and Off-site Reported Releases of METHYL ISOBUTYL KETONE (in pounds), By CAPITAL IND. INC. (TRI ID 98108CPTLN58013)

Are year to year changes comparable?

Row #	Year	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases	Total On- and Off-site Releases
1	1995	10,552				10,552		10,552
2	1996	12,229				12,229		12,229
3	1997	12,919				12,919		12,919
4	1998	12,999				12,999		12,999
5	1999	13,533				13,533		13,533

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- Quantities of TRI Chemicals in Waste (waste management)

Note: Reporting year (RY) 1999 is the most recent TRI data available. Facilities reporting to TRI were required to submit RY 1999 data to EPA by July 2000. TRI Explorer is using a "frozen" data set that includes revisions submitted to EPA as of December 28, 2000 for the years 1988 to 1999 (i.e., revisions submitted to EPA after this time are not reflected in TRI Explorer reports). Please access [EPA Envirofacts](#) to view TRI data with the most recent revisions.

Please see [assumptions](#) for revisions submitted by a facility in Pennsylvania in the "no codes" category.

Trend reports include data for prior years and data from "original industries" only after 1997.

On-site releases are from Section 5 of the Form R. Off-site releases are from Section 6 (transfers off-site to disposal) of the Form R. Off-site releases include metals and metal compounds transferred off-site for solidification/stabilization and for waste water treatment, including to POTWs.

A decimal point, or ".", denotes the following:

1. if a decimal point is reported across an entire row, the facility submitted a Form A (i.e., the facility certified that its total annual reportable amount is less than 500 pounds, and does not manufacture, process, or otherwise use more than 1 million pounds); or
2. if a decimal point is reported in a single column, the facility left that particular cell blank in its Form R submission (a zero in a cell denotes either that the facility reported "0" or "NA" in its Form R submission).

Users of TRI information should be aware that TRI data reflect releases and other waste management of chemicals, not exposure of the public to those chemicals. Release estimates alone are not sufficient to determine exposure or to calculate potential adverse effects on human health and the environment. TRI data, in conjunction with other information, can be used as a starting point in evaluating exposures that may result from release and other waste management activities that involve toxic chemicals.

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TRI On-site and Off-site Reported Releases of TOLUENE (in pounds), By CAPITAL IND. INC.
(TRI ID 98108CPTLN58013)

Are year to year changes comparable?

Row #	Year	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases	Total On- and Off-site Releases
1	1988	23,240				23,240		23,240
2	1989	23,055				23,055		23,055
3	1990	42,363				42,363		42,363
4	1991	41,239				41,239		41,239
5	1992	29,409				29,409		29,409
6	1993	28,277				28,277		28,277
7	1994	24,547				24,547		24,547

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Please see [assumptions](#) for revisions submitted by a facility in Pennsylvania in the "no codes" category.

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On-site releases are from Section 5 of the Form R. Off-site releases are from Section 6 (transfers off-site to disposal) of the Form R. Off-site releases include metals and metal compounds transferred off-site for solidification/stabilization and for waste water treatment, including to POTWs.

A decimal point, or "." denotes the following:

1. if a decimal point is reported across an entire row, the facility submitted a Form A (i.e., the facility certified that its total annual reportable amount is less than 500 pounds, and does not manufacture, process, or otherwise use more than 1 million pounds); or
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management activities that involve toxic chemicals.

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TRI On-site and Off-site Reported Releases of TRICHLOROETHYLENE (in pounds), By CAPITAL IND. INC. (TRI ID 98108CPTLN58013)

Are year to year changes comparable?

Row #	Year	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases	Total On- and Off-site Releases
1	1989	14,604				14,604		14,604
2	1990	28,403				28,403		28,403
3	1991	21,566				21,566		21,566

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Please see [assumptions](#) for revisions submitted by a facility in Pennsylvania in the "no codes" category.

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2. if a decimal point is reported in a single column, the facility left that particular cell blank in its Form R submission (a zero in a cell denotes either that the facility reported "0" or "NA" in its Form R submission).

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TRI On-site and Off-site Reported Releases of XYLENE (MIXED ISOMERS) (in pounds), By CAPITAL IND. INC. (TRI ID 98108CPTLN58013)

Are year to year changes comparable?

Row #	Year	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases	Total On- and Off-site Releases
1	1988	25,015				25,015		25,015
2	1989	29,128				29,128		29,128
3	1990	25,386				25,386		25,386
4	1991	29,755				29,755		29,755
5	1992	31,000				31,000		31,000
6	1993	33,000				33,000		33,000
7	1994	47,302				47,302		47,302
8	1996	11,677				11,677		11,677
9	1997	12,953				12,953		12,953
10	1998	11,675				11,675		11,675

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Please see [assumptions](#) for revisions submitted by a facility in Pennsylvania in the "no codes" category.

Trend reports include data for prior years and data from "original industries" only after 1997.

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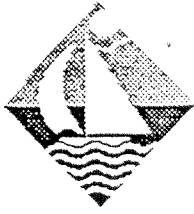
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B & P LABORATORIES, Inc.

5635 Delridge Way S.W. Seattle WA 98106
(206) 937-3644

CAPITAL INDUSTRIES INC.
5801 3rd Avenue S.
Seattle, WA 98108
Attn: Ken Grimm

March 25, 1998
Sample Date: 3/20/98
Date Analyzed: 3/24/98

PO# 64353

TEST REPORT: TCLP Analysis of "KW booth sweepings"

METHODS

The following are the results of analysis using the latest experimental protocols for what previously was called the extraction procedure for the preparation of solid waste samples (EPT), for determination of non-volatile contamination. The TCLP reference is in the Federal Register, Vol. 51, No. 216, 11/07/1986, "Rules and Regulations," App. I to Part 268-TCLP, pp. 40-43 ff. This sample preparation technique simulates the leaching action to which material in a solid waste landfill would be subject.

Five grams of the sample is used to determine whether extraction fluid No. 1 (EF#1, 5.7 mls HOAc + 64.3 ml 1N NaOH in 1 L DI water, pH 4.93) is the appropriate solution (test sample pH <5.0). After the sample is stirred to homogeneity 100 grams of the material are extracted with two liters of EF#1. The extraction is done by agitating for 18 + 2 hours at 23C and pH of 5.0 + 0.2, then filtering through an acid-washed Whatman GF/F filter. The required metals are analyzed by atomic absorption spectrophotometer. Extraction and analysis of samples is completed within 180 days to meet federal quality assurance requirements.

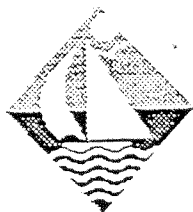
The atomic absorption instrument and techniques used meet the requirements- set by 40 CFR, Ch. 1, Subch. I and are based on methods published by the Environmental Protection Agency in "Test Methods for Evaluating Solid Waste," SW846 and "Methods of Chemical Analysis," EPA 600, to determine toxicity, hazards and classification of industrial waste materials. They also meet all requirements for accuracy established by Washington state in their dangerous waste regulations, Chapter 173-303 WAC.

RESULTS

TCLP Extract Results

Element	Limit	KW Booth Sweepings
Arsenic	5.0 ppm	0.22
Barium	100.0 ppm	392 - 1005
Cadmium	1.0 ppm	0.01
Chromium	5.0 ppm	<0.01
Lead	5.0 ppm	<0.01
Mercury	0.2 ppm	<0.01
Selenium	1.0 ppm	0.06
Silver	5.0 ppm	<0.01

B&P LABORATORIES, INC



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5635 Delridge Way S.W. Seattle WA 98106
(206) 937-3644

CAPITAL INDUSTRIES INC.
5801 3rd Avenue S.
Seattle, WA 98108
Attn: Ken Grimm

March 25, 1998
Sample Date: 3/20/98
Date Analyzed: 3/24/98

PO# 64353

TEST REPORT: TCLP Analysis of "Booth 1 & 2 sweepings"

METHODS

The following are the results of analysis using the latest experimental protocols for what previously was called the extraction procedure for the preparation of solid waste samples (EPT), for determination of non-volatile contamination. The TCLP reference is in the Federal Register, Vol. 51, No. 216, 11/07/1986, "Rules and Regulations," App. I to Part 268-TCLP, pp. 40-43 ff. This sample preparation technique simulates the leaching action to which material in a solid waste landfill would be subject.

Five grams of the sample is used to determine whether extraction fluid No. 1 (EF#1, 5.7 mls HOAc + 64.3 ml 1N NaOH in 1 L DI water, pH 4.93) is the appropriate solution (test sample pH <5.0). After the sample is stirred to homogeneity 100 grams of the material are extracted with two liters of EF#1. The extraction is done by agitating for 18 + 2 hours at 23C and pH of 5.0 + 0.2, then filtering through an acid-washed Whatman GF/F filter. The required metals are analyzed by atomic absorption spectrophotometer. Extraction and analysis of samples is completed within 180 days to meet federal quality assurance requirements.

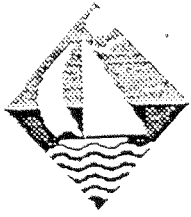
The atomic absorption instrument and techniques used meet the requirements set by 40 CFR, Ch. 1, Subch. I and are based on methods published by the Environmental Protection Agency in "Test Methods for Evaluating Solid Waste," SW846 and "Methods of Chemical Analysis," EPA 600, to determine toxicity, hazards and classification of industrial waste materials. They also meet all requirements for accuracy established by Washington state in their dangerous waste regulations, Chapter 173-303 WAC.

RESULTS

TCLP Extract Results

Element	Limit	Booth 1 & 2 Sweepings
Arsenic	5.0 ppm	0.01
Barium	100.0 ppm	<u>81.6</u>
Cadmium	1.0 ppm	0.01
Chromium	5.0 ppm	0.06
Lead	5.0 ppm	0.05
Mercury	0.2 ppm	<0.01
Selenium	1.0 ppm	0.02
Silver	5.0 ppm	<0.01

B&P LABORATORIES, INC



B & P LABORATORIES, Inc.

5635 Delridge Way S.W. Seattle WA 98106
(206) 937-3644

CAPITAL INDUSTRIES INC.
5801 3rd Avenue S.
Seattle, WA 98108
Attn: Ken Grimm

March 25, 1998
Sample Date: 3/20/98
Date Analyzed: 3/24/98

PO# 64353

TEST REPORT: TCLP Analysis of "Grind Area Sweepings"

METHODS

The following are the results of analysis using the latest experimental protocols for what previously was called the extraction procedure for the preparation of solid waste samples (EPT), for determination of non-volatile contamination. The TCLP reference is in the Federal Register, Vol. 51, No. 216, 11/07/1986, "Rules and Regulations," App. I to Part 268-TCLP, pp. 40-43 ff. This sample preparation technique simulates the leaching action to which material in a solid waste landfill would be subject.

Five grams of the sample is used to determine whether extraction fluid No. 1 (EF#1, 5.7 mls HOAc + 64.3 ml 1N NaOH in 1 L DI water, pH 4.93) is the appropriate solution (test sample pH <5.0). After the sample is stirred to homogeneity 100 grams of the material are extracted with two liters of EF#1. The extraction is done by agitating for 18 + 2 hours at 23C and pH of 5.0 + 0.2, then filtering through an acid-washed Whatman GF/F filter. The required metals are analyzed by atomic absorption spectrophotometer. Extraction and analysis of samples is completed within 180 days to meet federal quality assurance requirements.

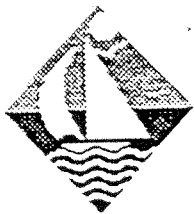
The atomic absorption instrument and techniques used meet the requirements set by 40 CFR, Ch. 1, Subch. I and are based on methods published by the Environmental Protection Agency in "Test Methods for Evaluating Solid Waste," SW846 and "Methods of Chemical Analysis," EPA 600, to determine toxicity, hazards and classification of industrial waste materials. They also meet all requirements for accuracy established by Washington state in their dangerous waste regulations, Chapter 173-303 WAC.

RESULTS

TCLP Extract Results

Element	Limit	Grind Area Sweepings
Arsenic	5.0 ppm	<0.01
Barium	100.0 ppm	7.45
Cadmium	1.0 ppm	0.04
Chromium	5.0 ppm	0.29
Lead	5.0 ppm	0.27
Mercury	0.2 ppm	<0.01
Selenium	1.0 ppm	<0.01
Silver	5.0 ppm	<0.01

B&P LABORATORIES, INC.



B & P LABORATORIES, Inc.

5635 Delridge Way S.W. Seattle WA 98106
(206) 937-3644

CAPITAL INDUSTRIES INC.
5801 3rd Avenue S.
Seattle, WA 98108
Attn: Ken Grimm

PO# 64353

March 25, 1998
Sample Date: 3/20/98
Date Analyzed: 3/23/98

TEST REPORT: FOG Analysis of "Saw/Drill Lube"

Method of analysis are as specified by the US Environmental Protection Agency in 'Methods for Chemical Analysis of Water and Wastes', document EPA-600/4-79-020 and meet all requirements of the Federal Clean Water Act (40 CFR part 136), the NPDES, and Metro's 'Industrial Data Quality Assurance Program'.

RESULTS

Analysis
EPA Method

Saw/Drill Lube

Oil & Grease, Non polar
413.1

111 mg/L

B&P LABORATORIES, INC.

Consolidated Freightways
6050 E Marginal Way

Facility/Site Detail

Facility/Site Name: Consolidated Freightways Seattle

Ecology Identifier: 54757868

Facility/Site Location

Geographic Location	Latitude/Longitude
Street Address or Location 6050 E MARGINAL WAY S City: SEATTLE ZIP Code: 98108 County: KING Congressional District: 7 Legislative District: 11	Latitude: Deg: 47 Min: 33 Sec: 3.99 Longitude: Deg: 122 Min: 20 Sec: 12.57 <p style="text-align: center;">Decimal Equivalents</p> Latitude: 47.5511 Longitude: 122.3368 Accuracy Level: +/- 40 feet (12 meter)

Display the location of this site and all other sites of interest to the Department of Ecology that are approximately within a one half mile radius. Display the location of this site only, but do it via a controllable version of the map.

Reason for Interaction with the Department of Ecology

Interaction Description	Responsible Organization	Ecology Contact Phone #	Status
Hazardous Waste Generator	HAZWASTE	(360) 407-7555	Active
LUST Facility	TOXICS	(360) 407-7224	Inactive
Emergency/Haz Chem Rpt TIER2	HAZWASTE	(360) 407-6729	Active
Voluntary Cleanup Sites	TOXICS	(360) 407-7224	Active
Underground Storage Tank	TOXICS	(360) 407-7206	Active

Industrial Classification

SIC Code	SIC Code Description
4212	LOCAL TRUCKING, WITHOUT STORAGE
4213	TRUCKING, EXCEPT LOCAL
4231	TRUCKING TERMINAL FACILITIES

Mailing Address of Facility/Site

No Address Information Available at this Time

Waste Stream Details

For

Reporting Years: 1994 To 1996

Consolidated Freightways Seattle
 6050 E MARGINAL WAY S
 SEATTLE, WA 98108

EPA ID: WAD 041 918 897

FS ID: 54757868

County: KING

Contact (HWSC): Ernie Mooney (206)763-1517

Region: NWRO

Generator Status

SQG

SIC Codes(s)	Description
4212	LOCAL TRUCKING, WITHOUT STORAGE
4213	TRUCKING, EXCEPT LOCAL
4231	TRUCKING TERMINAL FACILITIES

1996 SEQ# 1 Rags contaminated with paint
 Pounds: 88 Origin: Non-Recurrent Designation: DW
 Source: Routine cleanup wastes (A92)
 State Code(s): WT02
 EPA Code: U239

1996 SEQ# 2 Oil based paints and thinners
 Pounds: 376 Origin: Non-Recurrent Designation: DW
 Source: Cleanup of spill residues (A53)
 State Code(s): WT02
 EPA Code: U239
 EPA Code: D001

1994 SEQ# 1 ACTRYLATE MONOMER AND MERCAPTO ESTER
 Pounds: 1,131 Origin: Recurrent Designation: DW
 Source: Other (A99)
 State Code(s): WT02
 EPA Code: F002

Generator Status History

Consolidated Freightways Seattle
6050 E MARGINAL WAY S
SEATTLE, WA 98108

Contact (HWSC): Ernie Mooney (206)763-1517

EPA ID: WAD 041 918 897

FS ID: 54757868

County: KING

Region: NWRO

Generator Status

SIC Codes(s)	Description
4212	LOCAL TRUCKING, WITHOUT STORAGE
4213	TRUCKING, EXCEPT LOCAL
4231	TRUCKING TERMINAL FACILITIES

Generator Status	Reporting Year
SQG	2001
SQG	2000
SQG	1999
SQG	1997
MQG	1996
SQG	1995

Facility Data

Consolidated Freightways Seattle
6050 E MARGINAL WAY S
SEATTLE, WA 98108

EPA ID: WAD 041 918 897

FS ID: 54757868

County: KING

Region: NWRO

Contact (HWSC): Ernie Mooney (206)763-1517

Generator Status

SQG

SIC Codes(s)	Description
4212	LOCAL TRUCKING, WITHOUT STORAGE
4213	TRUCKING, EXCEPT LOCAL
4231	TRUCKING TERMINAL FACILITIES

Forms Contact: Ernie Mooney (206)763-1517

Consolidated Freightways Seattle
Attention: Ernie Mooney
PO Box 3585
SEATTLE, WA 98124-3585

Operator Contact: Kim Peters (206) 763-1517

Consolidated Freightways Seattle
Attention: Kim Peters
PO Box 3585
SEATTLE, WA 98124-3585

Site Contact: Ernie Mooney (206)763-1517

Consolidated Freightways Seattle
Attention: Ernie Mooney
PO Box 3585
SEATTLE, WA 98124-3585

Dresser Rand
225 South Lucille Street

Facility/Site Detail

Facility/Site Name: Dresser Rand

Ecology Identifier: 74936217

Facility/Site Location

Geographic Location	Latitude/Longitude
Street Address or Location 225 S LUCILE ST City: SEATTLE ZIP Code: 98108 County: KING Congressional District: 7 Legislative District: 11	Latitude: Deg: 47 Min: 33 Sec: 12.28 Longitude: Deg: 122 Min: 19 Sec: 54.91 Decimal Equivalents Latitude: 47.5534 Longitude: 122.3319 Accuracy Level: Unknown

Display the location of this site and all other sites of interest to the Department of Ecology that are approximately within a one half mile radius. Display the location of this site only, but do it via a controllable version of the map.

Reason for Interaction with the Department of Ecology

Interaction Description	Responsible Organization	Ecology Contact Phone #	Status
Hazardous Waste Generator	HAZWASTE	(360) 407-7555	Active

Industrial Classification

SIC Code	SIC Code Description
3599	INDUSTRIAL MACHINERY, NEC

Mailing Address of Facility/Site

No Address Information Available at this Time



Date: October 1, 1998

Dangerous Waste Compliance Checklist

TYPE OF VISIT: TECHNICAL ASSISTANCE COMPLIANCE INSPECTION COMPLAINT # _____ Other: _____

Opening Conference: Yes No Site Tour: Yes No Records Review: Yes No Closing Conference: Yes No

Site

Site Name: Dresser Rand Seattle Service Center WAD981764152

Site Contact(s): Bill McAvan

Title(s): Shop Coordinator

Phone: (206) 762-7660 Phone: /

Address: 225 South Lucile Street

Mailing Address: 225 South Lucile Street

City: Seattle Co: King Zip: 98108-2480

Years on Site: 25 SIC#3599

Generator/Facility Status (circle): SQG MQG LQG TSD Recycler Other _____

Type of Business: Repair, remanufacture of Dresser Rand pumps, turbines, compressors

Ecology

Lead Contact: Mark Wallace Phone: (425) 649-7223 FAX: (425) 649-7098

Other Representatives: Tiffany Yelton

Time On Site: 9:30 AM Time Off Site: 10:30 AM

Report Date: 10/2/98 Report By: Mark Wallace

Process Information

Processes that Generate Wastes: Parts washing, steam cleaning

Waste Streams (description or codes): Spent solvent

Pollution Prevention Suggestions, Technical Assistance Referrals

Information and assistance on the following environmental programs is available from:

Label waste oil containers as such, including the receiving jug in the skimmer (label making disc enclosed).

Site Name: Dresser Rand

Date: 10/1/98

WAD981764152

Conditions Not in Compliance

See Line #,
Below

Accumulating dangerous waste on-site WAC 173-303-200(1)(d): While being accumulated on site, each container and tank is labeled or marked clearly with the words "dangerous waste" or "hazardous waste." Step cans containing solvent contaminated rags were not identified with the words "Hazardous Waste" or "Dangerous Waste" and the major risk(s) associated with the waste.

Land disposal restrictions WAC 173-303-140(2) and by reference 40 CFR Part 268: Land Disposal Restriction records were not retained for each manifested shipment of dangerous waste.

7

30

Line No.	Violation	WAC 173-303	Line No.	Violation	WAC 173-303
WASTE MANAGEMENT			ADMINISTRATION/RECORDS		
1	Waste Designation	-070(3)	20	Notification & Identification #s	-060(2)
2	Failure to Offer Waste to TSD	-141	21	Manifesting	-180
3	Spills/Discharges	-145	22	Large Quantity Generator Plans	-200(1)(e), -320 to -360
4	Treatment-by-Generator	-170(3)	23	Recordkeeping Retention Times	-210
5	Accumulation Time Limits	-200(1)(a)	24	Annual Report/Exception Report	-220
6	Accumulation in Containers/Tanks	-200(1)(b), see 630/640	25	Personnel Training Requirements	-330
7	Container/Tank Labeling	200(1)(c)(d)	26	Preparedness & Prevention	-340
8	Secondary Containment	-200(1)(b)	27	Contingency Plan	-350
9	Satellite Accumulation	-200(2)	28	Emergencies	-360
10	Medium Quantity Generator	-201(c)	29	Permit-by-Rule	-802(5)
11	Ignitable/Reactive/ Incompatible Wastes	-395	OTHER DANGEROUS WASTE VIOLATIONS		
12	Used Oil Burned for Energy	-515	30	Land disposal restrictions	-140
13	Use/Mgmt. Of Containers	-630	31		
14	- Condition of containers	-630(2)	32		
15	- Compatible containers	-630(4)	33	OTHER ENVIRONMENTAL LAWS/CONCERNS	
16	- Closed containers	-630(5)(a)	34		
17	- Container handling	-630(5)(b)	35		
18	- Weekly Inspections	-630(6)	36		
19	- Secondary Containment	-630(7)	37		

Reminder: Ecology will provide a copy of the text of regulations for which violations are cited.

Questions, Concerns, Comments

To be in compliance with the state's Dangerous Waste regulations, you should ask your secretary or file clerk to attach Land Disposal Restriction (LDR) certifications to the manifests you keep in your files. If not filed elsewhere in your office, please ask Safety-Kleen to supply copies for past shipments.

COMPLIANCE ACTIONS REQUIRED

Instructions: The actions identified below are necessary in order to be in compliance with Washington Dangerous Waste Regulations (Ch. 173-303 WAC), or other environmental laws or regulations. Please indicate the date an action is completed and initial each item. If an action is not completed, please note in the "Date Completed" column and explain on back of this page.

Return Completed Form or Request for Extension: Upon completion of all actions listed above, please mail a copy of this form to the Washington Department of Ecology at the address listed below. An extension of the deadlines to achieve compliance may be requested. Please make a request in writing, including the reasons an extension is necessary and proposed date(s) for completion, and send it to Mark Wallace by April 22, 1999. Ecology will provide a written approval or denial of your request.

No.	Action(s) Needed to Achieve Compliance	By When?	Date Completed	Initial
7	Label all step cans where rags with solvents are stored with the word "dangerous waste" or "hazardous waste," as well as the major risk "flammable."	April 22		
30	If the records exist, match land disposal documents with their corresponding manifests.	April 22		

Ecology Lead Contact: Mark Wallace *Date:* / /

Address: Dept. of Ecology, Northwest Regional Office, 3190 160th Ave. SE, Bellevue, WA 98008-5452

Received By: _____

This checklist serves as a notice of deficiency for technical assistance visits or a notice of correction for other site visits as provided for in the Washington State Law "Implementing Regulatory Reform", Chapter 403, Laws of 1995.

Follow-up by Ecology: None
 Photos Taken: No Samples Taken: No Splits Offered: N/A
 Documents Left: Regulations Additional MQG reg outline
 Assistance/Enforcement Programs Explained: No

If you have any questions about information in this Checklist, please call the Ecology Lead Contact. The Department of Ecology is an equal opportunity agency. If you have special accommodation needs, contact Felicia Curtis at (360) 407-6721 or Julie Carrasco at (360) 407-6199 (Voice), or (360) 407-6006 (TDD).

Upon completion of all actions listed above, "Compliance Actions Required," mail a copy of the form and other materials requested by your Ecology lead contact to:

Washington Department of Ecology
 Northwest Regional Office
 Hazardous Waste and Toxics Reduction
 3190 160th Avenue SE
 Bellevue, WA 98008-5452

Attn: Mark Wallace

General Electric Aviation Division
220 South Dawson Street

Facility/Site Detail

Facility/Site Name: General Electric Aviation Div

Ecology Identifier: 2522

Facility/Site Location

Geographic Location	Latitude/Longitude
Street Address or Location 220 S DAWSON ST City: SEATTLE ZIP Code: 98108 County: KING Congressional District: 7 Legislative District: 11	Latitude: Deg: 47 Min: 33 Sec: 11.34 Longitude: Deg: 122 Min: 19 Sec: 51.46 Decimal Equivalents Latitude: 47.5532 Longitude: 122.3310 Accuracy Level: Unknown

Display the location of this site and all other sites of interest to the Department of Ecology that are approximately within a one half mile radius. Display the location of this site only, but do it via a controllable version of the map.

Reason for Interaction with the Department of Ecology

Interaction Description	Responsible Organization	Ecology Contact Phone #	Status
Hazardous Waste Generator	HAZWASTE	(360) 407-7555	Inactive
Toxics Release Inventory	HAZWASTE	(360) 407-6727	Active
State Cleanup Site	TOXICS	(360) 407-7224	Active

Industrial Classification

SIC Code	SIC Code Description
3812	SEARCH AND NAVIGATION EQUIPMENT

Mailing Address of Facility/Site

No Address Information Available at this Time

PHASE I ENVIRONMENTAL SITE ASSESSMENT AND
SOIL AND GROUND WATER INVESTIGATION
GEAE PLANT 1
220 S. DAWSON STREET
SEATTLE, WASHINGTON

FOR

GENERAL ELECTRIC COMPANY
JOB NO. 01674-881-005
October 23, 1992

 **DAMES & MOORE**

- Review of available data for the site and the site vicinity for information regarding historical land use that could have involved the manufacture, generation, use, storage and/or disposal of hazardous materials. The sources of the data include archival topographic maps; the Metsker Land Ownership Map; the Kroll Atlas; the Polk's City Directory; and the Sanborn Fire Insurance Map;
- Review of the following county, state and federal agency lists of known or potential hazardous waste sites, and sites located in the site vicinity currently under investigation for potential environmental violations:
 - U.S. Environmental Protection Agency (EPA) FINDS List;
 - U.S. EPA RCRA List; U.S. EPA CERCLIS List;
 - U.S. EPA National Priorities List (NPL);
 - U.S. EPA Inventory of Open Dumps;
 - Washington State Department of Ecology (Ecology) Hazardous Waste Investigations and Cleanup Program - Affected Media and Contaminants;
 - Ecology's Listing of Underground Storage Tanks Reported in Washington State;
 - Ecology's Northwest Regional Office Leaking Underground Storage Tank (LUST) List;
 - Seattle-King County Department of Public Health Abandoned Landfill Study in the City of Seattle and Active Solid Waste Facilities in Washington State;
- Telephone inquiries to appropriate municipal, county, and state offices and regulatory agencies for information regarding water and sewer services, environmental violations or incidents, and/or status of enforcement actions at the facilities identified on these lists and during our historical review which may have a significant potential to have affected subsurface conditions at the site. Agencies/offices contacted were: Washington State Department of Ecology and the U.S. EPA;
- Review of reports and data for these facilities on file at Ecology's Northwest Regional Office and EPA's Region X office in Seattle; and
- Preparation of a draft report describing the research performed and presenting Dames & Moore's findings, professional opinions, and recommendations for soil and ground water investigations, if warranted.

3.0 SITE SETTING

3.1 PHYSIOGRAPHY

The site is located within the NW 1/4 of Section 20, Range 4 East, Township 24 North, of the U.S. Geological Survey, Seattle South, Washington; 7.5 minute quadrangle (Figure 1). The elevation of the subject property is approximately 15 feet above Mean Sea Level (MSL) and there is a local topographic gradient of approximately 1-3 feet per mile towards the west. There is no obvious topographic relief across the subject property. The nearest surface water is the East Waterway, located approximately

on the GE facility property as indicated by their letter and the asphalt patch currently present. No other written documentation regarding these USTs was available for review nor are these USTs included on regulatory lists of USTs (see Appendix A).

5.0 PAST LAND USE AND POTENTIAL SOURCES IN THE SITE VICINITY

Information regarding past site land use in the site vicinity was obtained by reviewing historical aerial photographs, archival topographic maps and relevant documents obtained from the University of Washington Suzzallo Library, the Seattle Public Library, and Dames & Moore's library. Selected historical aerial photographs of the site vicinity for the years 1961, 1965, 1970, 1978, 1985, and 1989 were reviewed and interpreted for indications of past site land use and/or site activities which may have involved the manufacture, generation, use, storage, and/or disposal of hazardous materials. Archival topographic maps for the years 1949, 1973 and 1987 were reviewed and interpreted for indications of topographic and land-use changes which may have had a negative environmental affect on soil and/or ground water at the site and surrounding properties. A review of the Metsker Land Ownership Map for the years 1926 and 1936 and the Kroll Atlas for the years 1950, 1958, 1966, and 1987 was made to obtain pertinent information regarding pre-existing structures and ownership of buildings located at the site and on properties in the site vicinity. The Polk's City Directory for the years 1938, 1942, 1954, 1963, 1972, and 1983 was reviewed to obtain information concerning previous tenants that occupied the subject site and properties within the 1500-foot vicinity of the site. Sanborn Fire Insurance Maps for the years 1929 and 1944 were reviewed for information regarding structures and/or ownership and properties within the site vicinity.

A review of applicable regulatory agency documents and lists of known or potential hazardous waste sites or landfills, and properties or facilities currently under investigation for potential environmental violations was conducted to identify properties or facilities located in the site vicinity that may have the potential to adversely affect environmental conditions at the site. The lists reviewed and pertinent information obtained is presented in Appendix A.

Based upon information reviewed during the Phase I assessment, there are several facilities located hydrologically upgradient of the site which have used and stored hazardous materials and could have affected soil and ground water contamination at the site. Potential off-site sources of environmental contamination with a potential to affect the site include:

- two former USTs associated with the adjacent Hudson Building property on the north,
- the former Howard-Cooper Corporation/Draper Machine Works facility located adjacent to the site on the east,
- the railroad yard and former round house northeast of the site, and
- a former gasoline station located at 5201 4th Avenue S., approximately 300 to 400 feet east-southeast of the site. *to be investigated in detail?*

The following paragraphs summarize pertinent information regarding these potential sources and the location of these relative to the site are shown on Figure 3.

Apparent stained or discolored soil and machinery/vehicles in the vacant lot of the Howard-Cooper facility were observable on aerial photographs which date to 1961. This facility was in operation since at least 1950. Limited information available from Ecology indicates that a waste oil UST and diesel fuel UST have been removed and that additional remediation was warranted as of December, 1990. More recent information is not on file. The building on this property is currently occupied by a retail paint store and an equipment distribution company. The vacant lot behind the building is currently used for bus storage and minor maintenance.

A former gasoline station was present southeast of the site from at least 1942 to 1950. Sometime between 1950 to 1954 this facility was converted to an auto sales and car rental operation that continued in operation until at least 1972. By 1983 it became an auto parts store. Information regarding the USTs at the former gasoline station is not on file with Ecology. However, it appears this former gasoline station was not directly hydrologically upgradient from the site.

A round house was formerly located at the Union Pacific rail yard approximately 700 to 800 feet northeast of the site. Two underground storage tanks used for diesel and leaded gasoline were formerly present in the portion of the rail yard located near the site. Remediation of contamination associated with these USTs is listed as ongoing.

6.0 SOIL AND GROUND WATER INVESTIGATION

Based on the historical review and site inspection of waste storage units, sampling of soils and ground water was conducted in the following areas:

- Sump in NPH area
- Waste storage area in alley
- Sump in Bullard machine area
- Containment trench and Metro sewer drain in the FPI area
- Steam cleaner sump in boiler room
- Decommissioned diesel fuel oil UST on east side of building
- Former Hudson Street Ltd. UST on northeast portion of the parking lot

The results of this assessment are presented in this section.

6.1 PURPOSE AND SCOPE OF INVESTIGATION

The objective of this investigation was to evaluate soil and ground water quality in the vicinity of the potential sources of environmental contamination identified at the site, and assess whether ground water beneath the site may have been affected by potential offsite sources identified during the Phase I assessment. The findings of the investigation were used to assess whether potential contaminants are present at concentrations which exceed applicable regulatory limits and thus may require further evaluation and/or remediation.

6.2.3 Ground Water Quality

The analytical results for ground water samples collected at the site are summarized on Table 7. The ground water analytical laboratory reports, including Dames & Moore's review of laboratory QA/QC, are presented in Appendix D. As part of Dames & Moore QA/QC program, the following QA samples were collected:

- duplicate sample at MW-1 (designated MWX-1)
- field rinsate blank (designated RB-051192)
- trip blank (designated TB-051192)

The results of these QA samples are also summarized on Table 7. The duplicate ground water sample (MWX-1) collected at MW-1 was found to be consistent in both the type and concentrations of the compounds detected in the initial ground water sample (MW-1). Two VOC's (chloroform and TCA) were detected at low part per billion concentrations in the field rinsate blank (RB-051192). This may indicate that there is some minor carry over of these contaminants between samples as a result of field decontamination methods. However, based upon the level of these compounds detected in the ground water samples, the validity of the analytical data appears to be high. VOC's were not detected in the trip blank (TB-051192).

Due to elevated concentrations of certain VOC's, the laboratory was required to dilute and re-run some of the samples to stay within the limits of the analytical instrument's calibration (see Laboratory Reports in Appendix D). The sample results presented on Table 7, are reported from the re-run analyses.

The chlorinated VOCs TCE, DCE, TCA, PCE and chloroform were the most common VOCs detected in the site ground water samples. TCE was the most broadly distributed VOC at the site and was detected in ground water collected from all of the site monitoring wells (Figure 5). The highest concentration of TCE was detected at MW-1 (500 ug/l). Low part per billion concentrations of TCE and PCE biodegradation by-products, 1,2-DCE and 1,1-DCE, were also detected in the ground water (Figure 5). TCA was detected in only MW-1 and MW-4 at concentrations of 2400 ug/l and 75 ug/l, respectively. TCA was found to have the highest concentration of the individual contaminants detected in the ground water samples. The TCA biodegradation by-product, 1,1-dichloroethane (DCA), was detected in MW-1, MW-3 and MW-4 at concentrations of 11 ug/l, 1.9 ug/l, and 12 ug/l, respectively.

Of the metals detected in the ground water samples, total concentrations of several metals in wells MW-2 and MW-3 appear to be elevated relative to background concentrations (i.e., MW-1). In general, dissolved concentrations in filtered samples were significantly less than total concentrations in the unfiltered samples or were not detected (Table 10). Of the filtered samples analyzed, only the arsenic concentration (12 ug/l) in the sample from well MW-3 exceeds the MTCA Method A cleanup level of 5 ug/l. However, this concentration is less than the U.S. EPA maximum contamination level (MCL) for drinking water of 50 ug/l (Table 8).

Total dissolved solids (TDS) concentrations ranged from 200 mg/l (MW-1) to 310 mg/l (MW-3). TPH was not detected in any of the ground water samples analyzed.

6.3 CONCLUSIONS

The results of our investigation of soil and ground water at the GE Plant 1 facility indicate that concentrations of several volatile organic compounds and two metal compounds exceed the cleanup levels specified in the State of Washington Model Toxics Control Act (MTOCA) in one or more samples of soil and ground water collected from the site. The maximum concentrations detected and MTOCA cleanup levels are summarized in Table 8. In addition, U.S. EPA Maximum Contaminant Levels (MCLs) for drinking water are also included in the table for reference. It should be noted that for some compounds, the MTOCA cleanup level is less than the allowable concentration for drinking water from a public supply system.

6.3.1 Soil

6.3.1.1 Alleyway

The results of the soil sampling conducted in the alleyway indicate low part per billion level of VOCs are currently distributed in the shallow soils in this area similar to the extent and nature previously identified during an earlier investigation at this facility (Chempro, 1987). Soil samples at two locations (Boring B6 and B9) had detectable concentrations of trichloroethene (TCE) exceeding the MTOCA Method A cleanup level. In addition, TPH concentrations in soil from boring B-8 exceed the MTOCA Method A cleanup level. The soil samples exceeding the cleanup levels were all found in soils at depths of less than 2 feet below the asphalted ground surface. The deeper samples collected from these borings had lower concentrations. These results suggest that most of the residual VOCs and hydrocarbons in soil in the alleyway are contained within the near surface soils.

6.3.1.2 Vapor Degreasing Area and Metro Sump

Exceedance of the MTOCA Method A cleanup levels for several VOCs were detected in the soils in this area to a depth of approximately 4-1/2 feet. Previous soil testing in the area also detected similar elevated levels of VOCs (Chempro, 1987).

6.3.1.3 Steam Cleaning Sump

Low part per billion levels of the VOCs were detected in the soils in this area. However, exceedance of the MTOCA Method A cleanup levels were not detected in these soils for the compounds analyzed.

6.3.1.4 Decommissioned UST Area

TPH was detected in the shallow soils (approximately 1-1/2 feet) in this area at levels which exceed the MTOCA Method A cleanup level of 200 mg/kg (Table 8).

6.3.1.5 NPH Sump Area

Exceedence of the MTCA Method A cleanup levels were not detected in close proximity to the sump. These data suggest that the sump is competent or if leakage has occurred it has not significantly affected soils in this area.

6.3.2 Ground Water Quality

Based upon the ground water analytical results, one or more VOCs were detected in the shallow ground water collected from each of the four wells at concentrations which exceed the MTCA Method A cleanup levels for ground water and the U.S. EPA maximum contaminant level (MCL) for drinking water. In addition, well MW-3 was found to have arsenic levels slightly above the MTCA Method A cleanup level but below the U.S. EPA MCL. The highest concentrations of VOCs were detected in well MW-1 located in the northeast portion of the site upgradient of the identified potential source areas at the site. Most of the VOC levels in the site ground water samples were observed to decrease in concentration downgradient from well MW-1. However MW-3, which is the most downgradient well at the site and is close to the property boundary, had levels of TCE exceeding the MTCA cleanup level and MCL.

The concentration and areal distribution of VOCs detected in the ground water and soils at the site, and the southwesterly ground water flow direction strongly indicate the source of VOCs in upgradient well MW-1 are the former UST or one or more offsite facilities located east-northeast of this well. Soils analyzed from this well boring as well as within the alleyway did not contain concentrations of chlorinated VOCs that would indicate surface discharges as the probable source of the VOCs detected in ground water at the site. In addition, VOCs were detected in well MW-2 and there is no known potential on site source upgradient of this well. The most likely potential offsite sources include a former operations and a waste oil UST at the Draper Machine Works (Howard Cooper) site, two former USTs at the adjacent Hudson Building, or former operations associated with the railroad roundhouse. However, the currently available data does not document nor preclude contamination by chlorinated organic compounds at these sites. Additional investigation in the northeast corner of the site and possibly offsite to the northeast will be necessary to assess the affect of contamination of ground water from offsite sources.

7.0 LIMITATIONS

This report has been prepared for the exclusive use of General Electric Company and is intended to provide available information regarding the potential for soil and/or ground water contamination at the site as a result of known or potential releases of hazardous materials from onsite and offsite sources. Dames & Moore's assessment is based upon observations made during a visit by our personnel to the site and site vicinity and the existing land uses observed, supplemented by information from GE and other sources and soil and ground water quality data obtained and reviewed as described herein. The interpretations and conclusions contained in this report are based on the information presented herein, the expertise and experience of Dames & Moore in conducting similar assessments, and current pertinent environmental regulations.

TABLE 1
SUMMARY OF SAMPLING LOCATIONS AND LABORATORY ANALYSES

Potential Source Areas	Number of Borings	Boring I.D.	Analytical Parameters			
			VOC ¹	Metals ²	TPH ³	TDS ⁴
1. Alleyway	7	B-1 and B-5 thru B-10	x	x	x	
2. Vapor Degreasing Area and Metro Sump	2	HA-3 and HA-4	x	x	x	
3. Former UST Areas	2	B-2 and B-4	x ⁵		x	
4. Steam Cleaning Sump	2	HA-1 and HA-2	x	x	x	
5. NPH Sump Area	1	B-3	x	x	x	
6. Ground Water	4 ⁵	MW-1 thru MW-4	x	x	x	x

Notes:

- ¹ VOC - Priority Pollutant Volatile Organic Compounds (Methods 8240 and 624)
- ² Metals - RCRA Metals and Nickel (methods SW846 and 600 series); filtered and unfiltered for ground water
- ³ TPH - Total Petroleum Hydrocarbons (Method 418.1)
- ⁴ TDS - Total Dissolved Solids (Method 600 series)
- ⁵ Borings converted to monitoring wells
- ⁶ VOC only analyzed for former UST in northeast portion of the site.



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February 26, 1999

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Mr. Dean Yasuda
Washington Department of Ecology
Northwest Regional Office
3190 - 160th Avenue S.E.
Bellevue, Washington 98008

RE: Potential Source Area Remediation
GEAE South Dawson Street Property

Dear Dean:

At our October meeting, we discussed the need for additional remedial activities at the former General Electric Aircraft (GEAE) plant at 220 South Dawson Street in Seattle, Washington. Ecology requested that GEAE consider an additional remedial measure aimed at removing contaminants from the source area. GEAE believes additional remedial measures at the source area are not practicable or warranted. The majority of the source material was removed during the excavation of the unsaturated zone in 1995 and 1996. The existing recovery system contains the associated groundwater plume and is slowly removing the limited remaining source material.

This letter provides justification for our belief that operation of the existing containment system, along with institutional controls and monitoring, is an appropriate cleanup action for this site, and that cleanup actions with a higher preference under the Model Toxics Control Act (MTCA) are not practicable (WAC 173-340-360(5)(d)). Background information and a summary of current conditions are provided below, followed by a discussion of the value and risks associated with additional remedial measures.

Background

GEAE's cleanup of the 220 South Dawson Street property has been phased and has included both soil and groundwater independent interim actions.

Soil Interim Cleanup Action

Cleanup of soil in the unsaturated zone was completed as an independent interim action in 1995 and 1996. Approximately 3,055 tons of soil were excavated from 12 impacted areas of the site and thermally treated off site and reused (Darnes & Moore, 1996). Excavation areas were shown on the plates provided with the draft *Cleanup Action Plan*



(RETEC, 1997). Verification sampling demonstrated that for chlorinated volatile organic compounds (CVOCs), all soils exceeding MTCA residential cleanup levels for protection of groundwater and ingestion were removed, with one exception. A discrete area which exceeded cleanup levels for CVOCs was left. This area was located beneath a structural wall of the building (northeast corner; Area 7). However, this unsaturated zone area is limited in extent and is effectively capped by the building foundation. Natural degradation processes continue to reduce concentrations in this area over time. While GEAE is not seeking a consent decree for the soil removal at the site, it is important to note that a significant portion of the cleanup action already conducted for the site has been a permanent remedy.

Groundwater Interim Action

Remaining CVOC impacts at the site are primarily associated with groundwater, since essentially all unsaturated soils exceeding residential cleanup levels were excavated. In order to contain the groundwater and recover CVOCs, GEAE installed a groundwater recovery system as a voluntary interim action under MTCA. Groundwater pumping was initiated in August 1996. The recovery and containment system consists of two downgradient recovery wells (RW-1 and RW-2 on Figure 1) which are pumped at a combined rate of approximately 16 gallons per minute (gpm). Groundwater is discharged to the King County sewer system under Metro Permit No. 543.

Results of confirmational monitoring conducted during the soils interim action suggest that while groundwater was impacted, source material was not present within the aquifer. Remediation would be achieved by flushing of the dissolved plume from the aquifer. Based on this assumption, the aquifer restoration time frame was estimated at 3 to 5 years in the draft CAP.

Current Conditions

Figure 1 shows groundwater CVOC concentrations since system installation. After 2 years of recovery system operation, CVOC concentrations in groundwater have decreased downgradient and cross-gradient of the former source areas. The CVOCs that currently exceed surface water cleanup levels are trichloroethylene (TCE) and 1,1-dichloroethylene (1,1-DCE). TCE is detected in well MW-4 at relatively consistent concentrations ranging from 170 to 260 $\mu\text{g/L}$; this suggests that some residual nonaqueous-phase liquid (NAPL) may remain in this area (Pankow and Cherry, 1996). At MW-1, located approximately 110 feet west and upgradient of MW-4, TCE concentrations are more variable (36 to 560 $\mu\text{g/L}$). Steady concentrations of CVOCs in well MW-4, along with the higher concentration of 1,1-DCE measured in this well suggest that MW-4 is located near the downgradient portion of the source area. Variable concentrations in MW-1, and lower



concentrations of 1,1-DCE suggest that MW-1 is near the upgradient portion of the source area.

The residual NAPL present in the vicinity of MW-1 and MW-4 is thought to be trapped within the aquifer, present as disconnected blobs and ganglia, and in dead-end pore spaces. The NAPL constituents slowly dissolve into groundwater, acting as a long-term source. All site data indicate that the residual NAPL does not penetrate to depth and that there is no mobile, free-phase NAPL within the aquifer.

Groundwater data also suggest that natural biological and abiotic degradation of CVOCs is occurring, and that these processes are limiting migration of dissolved CVOCs. Anaerobic biodegradation of PCE and TCE is occurring, as evidenced by the presence of biodegradation byproducts cis-1,2-DCE and vinyl chloride. Vinyl chloride is present in groundwater as a result of the anaerobic degradation of chlorinated ethenes (e.g., PCE, TCE, cis-1,2-DCE). In addition to biological degradation processes, non-biological (abiotic) degradation is also occurring as is evidenced by the presence of 1,1-DCE, a byproduct of the abiotic degradation of TCA.

In summary, the groundwater monitoring data demonstrate that some residual NAPL may be present in the vicinity of wells MW-1 and MW-4. This residual NAPL is a long-term source of dissolved groundwater contamination. GEAE believes groundwater recovery is containing the plume associated with this source area. In addition, the containment system is removing contaminant mass in conjunction with natural containment processes (e.g., abiotic and anaerobic biodegradation) also occurring at the site. Based on the presence of residual NAPL in the aquifer, the estimated restoration time frame for the current containment system is now estimated at 30 to 50 years.

The Proposed Remedy and Practicality of Additional Source Remediation Methods

The proposed cleanup action for groundwater at the GEAE South Dawson Street site is containment of groundwater by pumping and natural processes. Reduction of the mass of contaminants remaining in the source area is occurring as part of the containment process. Further source removal will decrease the source mass and, therefore, the restoration time frame. However, these reductions will be limited and do not warrant the additional risk and cost associated with further source zone remediation. Potential additional remedial measures include addition of more groundwater pumping wells, air sparging, and additional excavation below the water table. These measures and the reasons that they are not considered practicable are summarized in the following paragraphs.



Groundwater Pumping in the Source Area

Cohen and Mercer (1993) state that "due to the relatively low solubility of most dense NAPLs, pumping is generally not an effective method for removing dense NAPL from the subsurface." Pumping can, however, be used as a method for containment (as in the current system). Previously, additional groundwater pumping in the source area has been suggested to expedite mass reduction. In this scenario, a recovery well is installed in the northeast portion of the site to significantly increase the rate of contaminant removal. Installation of an additional pumping well will not achieve this objective.

Groundwater pumping will not directly flush residual NAPL from the aquifer. Residual NAPL is very difficult to displace by hydraulic means alone (Pankow and Cherry, 1996). Mass removal will occur by diffusion and dissolution into the aquifer. Additional pumping and flushing of the aquifer would be beneficial only if the rate of CVOC dissolution into groundwater were limited by compound solubility. This is not the case. CVOC concentrations in the upgradient portion of the source area (MW-1), are generally less than 0.003 percent of solubility. Concentrations in MW-4, directly downgradient of the source area, are less than 0.025 percent of solubility. Dissolved concentrations in equilibrium with pockets of residual NAPL are expected to be at least 1 to 10 percent of chemical solubility (Cohen and Mercer, 1993/Pankow and Cherry, 1996). The fact that concentrations in the source area are two to three orders of magnitude lower than 1 percent solubility indicates that groundwater currently moves through this area too quickly to achieve saturation. Increased flow through the source area (i.e., adding a recovery well) will increase mass removal slightly due to increased chemical gradients. However, the minimal increase in mass removal is not warranted given the cost to pump this water.

Secondly, installation of a source area extraction well may have negative effects on the groundwater quality. The Duwamish industrial area is known to be impacted from numerous sources. Additional pumping in the source area will influence flow on off-site properties. A former railroad roundhouse is located approximately a block and a half upgradient of the site. In the event that groundwater contamination exists on this or other nearby industrial properties, pumping will alter local groundwater flow and may cause other plumes to migrate towards the GEAE site.

Groundwater extraction in the source area will not result in significant additional mass removal. The existing system will likely not be shut down and therefore, the additional costs of pumping and treating water from the source area will provide no additional benefit. In addition, the potential exists to cause further damage to the environment by causing expansion of plumes associated with other nearby properties, such as the former roundhouse.

FIRST AVENUE S.

	8/96	11/96	4/97	7/97	11/97	2/98	5/98	8/98	11/98
PCE	3.7	0.46	<0.4	0.2J	<0.4	<0.2	<0.4	<0.2	<0.2
TCE	530	90	38	32	16	13	13	8.8	7.1
1,1-DCE	260	15	10	5.8	2.7	1.8	1.9	1.6	0.8
1,2-DCE,cis	20	3.1	2.5	1.0	0.4	0.37J	0.60	0.20	<0.2
VINYL CHLORIDE	0.56	<0.2	<0.2	<0.2	1.1	<0.2	<0.2	<0.2	<0.2

8/96	11/96	4/97	7/97	11/97	2/98	5/98	8/98	11/98
ND	ND	ND	ND	ND	ND	ND	ND	ND

	8/96	11/96	4/97	7/97	11/97	2/98	5/98	8/98	11/98
TCE	53	40	41	72	42	49	60	93	86
1,1-DCE	23	54	49	30	90	77	8	97	22
1,2-DCE,cis	97	100	96	180	67	130	170	210	170
VINYL CHLORIDE	0.56	<0.2	<0.2	0.6	8.3	0.27	0.26	0.70	0.30

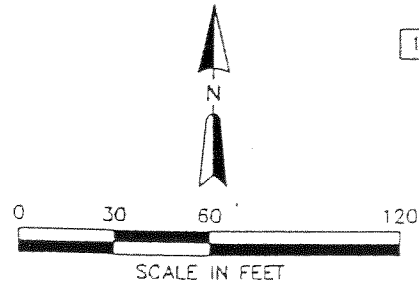
	8/96	11/96	4/97	7/97	11/97	2/98	5/98	8/98
TCE	32	NA	NA	NA	NA	NA	NA	NA
1,1-DCE	24	NA	NA	NA	NA	NA	NA	NA
1,2-DCE,cis	87	NA	NA	NA	NA	NA	NA	NA
VINYL CHLORIDE	0.34	NA	NA	NA	NA	NA	NA	NA

	8/96	11/96	4/97	7/97	11/97	2/98	5/98	8/98	11/98
TCE	32	31	7.5	8.4	13	13	9.8	14	18
1,1-DCE	0.38	<0.2	<0.4	<0.4	0.25J	0.27	0.26	0.30	0.40
1,2-DCE,cis	10	8.8	3.3	3.7	7.1	5.4	4.4	6.7	11

	8/96	11/96	4/97	7/97	11/97	2/98	5/98	8/98	11/98
TCE	11	1.2	2.3	3.2	1.3	1.9	1.6	1.2	0.7
1,2-DCE,cis	1.1	2.2	3.2	1.2	0.9	0.7	0.46	0.70	0.6
1,1-DCE	<0.2	6.0	6.6	2.8	1.5	1.2	0.65	1.0	0.5
VINYL CHLORIDE	<0.2	<0.2	<0.2	<0.2	0.8	<0.2	<0.2	<0.2	<0.2

	8/96	11/96	4/97	7/97	11/97	2/98	5/98	8/98	11/98
TCE	0.33	0.29	<0.4	<0.4	<0.4	<0.2	<0.4	<0.2	0.2

	8/96	11/96	4/97	7/97	11/97	2/98	5/98	8/98	11/98
1, 2-DCE, cis	0.39	0.46	0.60	0.60	0.2J	0.46	0.52	0.70	0.80



TAYLOR PROPERTY

HUDSON BUILDING

	8/96	11/96	4/97	7/97	11/97	2/98	5/98	8/98	11/98
PCE	9.1	0.46	<0.4	10	2.4	5.9	4.2	3.0	2.4
TCE	200	76	560	350E	36	140	100	34	32
1,1-DCE	2.1	0.84	<0.4	0.3J	2.4	0.9	0.6	0.80	0.4
1,2-DCE,cis	3.5	1.2	<0.4	5.1	0.4	3.3	1.4	0.30	0.3

	8/96	11/96	4/97	7/97	11/97	2/98	5/98	8/98	11/98
PCE	1.4	1.1	0.60	1.2	0.3J	0.88	0.62	0.60	0.7
TCE	3.1	4.9	0.99	2.2	1.1	1.9	1.3	1.6	3.3
1,1-DCE	0.27	0.35	<0.4	0.5	0.9	<0.2	<0.4	0.30	0.30

	8/96	11/96	4/97	7/97	11/97	2/98	5/98	8/98	11/98
PCE	0.22	<0.2	<0.4	0.3J	<0.4	<0.2	<0.4	0.60	<0.2
TCE	88	15	23	46	6.3	7.2	27	82	2.8
1,1-DCE	54	40	9.4	21	38	9.2	12	10	15
1,2-DCE,cis	240	56	50	130	20	19	58	150	8.6
VINYL CHLORIDE	0.64	<0.2	<0.2	0.4	5.4	<0.2	0.28	1.0	0.4

	8/96	11/96	4/97	7/97	11/97	2/98	5/98	8/98	11/98
PCE	0.57	<0.2	<0.4	0.6	<0.4	<0.2	<0.4	0.20	<0.2
TCE	17	4.5	4.4	13	3.8	3.2	4.2	6.2	2.4
1,2-DCE,cis	1.8	0.42	<0.4	0.9	0.6	<0.4	0.4	1.0	0.4

WESTERN CARTAGE

GEAE PLANT 1

SECOND AVENUE S.

THIRD AVENUE S.

S. DAWSON STREET

NOTES:

- 1) 8/96 DATA WERE COLLECTED PRIOR TO INITIATION OF RECOVERY. THE REMAINING DATA WERE COLLECTED DURING SYSTEM OPERATION.
- 2) WHERE PCE, TCE, 1,1-DCE, 1,2-DCE (CIS) OR VINYL CHLORIDE HAVE CONSISTENTLY NOT BEEN DETECTED, THESE COMPOUNDS ARE NOT INCLUDED ON INSET TABLES.
- 3) RW-2 HAS NOT BEEN SAMPLED SINCE 8/96.

LEGEND

- ☩ EXISTING WELL
- GROUNDWATER EXTRACTION WELL
- 240 ANALYTICAL RESULTS, ug/L
- NA NOT ANALYZED
- ND NO COMPOUNDS DETECTED
- ☎ CONCENTRATION EXCEEDS MTCA METHOD B SURFACE WATER CLEANUP LEVEL

GEAE - S. DAWSON STREET

1-2402-600

SITE MAP AND
VOC CONCENTRATIONS
IN GROUNDWATER



CURRENT DATE 1/12/99

CADD FILE

24020026

FIGURE 1

Glacier Northwest
5975 E Marginal Way S

Facility/Site Detail

Facility/Site Name: Glacier Northwest East Marginal Way Ecology Identifier: 95534411
 WAD

Facility/Site Location

Geographic Location	Latitude/Longitude
Street Address or Location 5975 E MARGINAL WAY S City: SEATTLE ZIP Code: 98134-2414 County: KING Congressional District: 7 Legislative District: 11	Latitude: Deg: 47 Min: 32 Sec: 54.00 Longitude: Deg: 122 Min: 20 Sec: 4.00 Decimal Equivalents Latitude: 47.5485 Longitude: 122.3347 Accuracy Level: +/- 10 feet (3 meter)

Display the location of this site and all other sites of interest to the Department of Ecology that are approximately within a one half mile radius. Display the location of this site only, but do it via a controllable version of the map.

Reason for Interaction with the Department of Ecology

Interaction Description	Responsible Organization	Ecology Contact Phone #	Status
Hazardous Waste Generator	HAZWASTE	(360) 407-7555	Active
Underground Storage Tank	TOXICS		Active
WDP General Permit	WATQUAL	(360) 407-6401	Active
Emergency/Haz Chem Rpt TIER2	HAZWASTE	(360) 407-6729	Active

Industrial Classification

SIC Code	SIC Code Description
3273	READY-MIXED CONCRETE

Mailing Address of Facility/Site

No Address Information Available at this

Facility Data

Glacier Northwest East Marginal Way
5975 E MARGINAL WAY S
SEATTLE, WA 98134-2414

Contact (HWSC): Thomas Hanson (206)768-7612

EPA ID: WAD 980 986 061

FS ID: 95534411

County: KING

Region: NWRO

Generator Status

SIC Codes(s)	Description
3273	READY-MIXED CONCRETE

Forms Contact: Thomas Hanson (206)768-7612

Glacier Northwest East Marginal Way
Attention: Thomas Hanson
PO Box 1730
SEATTLE, WA 98111-1730

Site Contact: Thomas Hanson (206)768-7612

Glacier Northwest East Marginal Way
Attention: Thomas Hanson
PO Box 1730
SEATTLE, WA 98111-1730

Waste Streams For Reporting Years: 1993 To 1999

Glacier Northwest East Marginal Way
 5975 E MARGINAL WAY S
 SEATTLE, WA 98134-2414

EPA ID: WAD 980 986 061 FS ID: 95534411 Region: NWRO
 County: KING
 Contact (HW/SC): Thomas Hanson (206)768-7612

Generator Status

SIC Codes(s)	Description
3273	READY-MIXED CONCRETE

YEAR	SEQ #	ORIGIN	DESIGNATION	DESCRIPTION	TOTAL POUNDS
1999	1	Recurrent	DW	Used solvent from vehicle parts cleaning machine	832
<i>Total for 1999</i>					832
1998	1	Recurrent	DW	Used solvent from vehicle parts cleaning machines	3,711
<i>Total for 1998</i>					3,711
1997	1	Recurrent	DW	Used solvent from vehicle parts cleaning machine	3,718
<i>Total for 1997</i>					3,718

Generator Status History

Glacier Northwest East Marginal Way
5975 E MARGINAL WAY S
SEATTLE, WA 98134-2414

Contact (IIWSC): Thomas Hanson (206)768-7612

EPA ID: WAD 980 986 061

FS ID: 95534411

County: KING

Region: NWRO

Generator Status

SIC Codes(s)	Description
3273	READY-MIXED CONCRETE

Generator Status	Reporting Year
	2000
MQG	1999
MQG	1998
MQG	1997
MQG	1996
MQG	1995

TOTAL POUNDS

YEAR SEQ # ORIGIN DESIGNATION DESCRIPTION

YEAR	SEQ #	ORIGIN	DESIGNATION	DESCRIPTION	TOTAL POUNDS
1996	1	Recurrent	DW	Used solvent from vehicles parts cleaning machine	3,417
<i>Total for 1996</i>					3,417
1995	1	Recurrent	DW	Parts cleaning solvent	4,517
1995	2	Non-Recurren	DW	Various dated shop substances.	458
1995	3	Non-Recurren	DW	Various dated shop substances.	251
<i>Total for 1995</i>					5,225
1994	1	Recurrent	DW	ETHYLENE GLYCOL,WATER,BENZENE,OIL,TETRACHLOROETHY LENE	968
1994	2	Recurrent	DW	MINERAL SPIRITS,OIL,WATER,LEAD,BENZENE,TETRACHLORO ETHYLENE	4,624
<i>Total for 1994</i>					5,592
1993	1	Recurrent	EHW	WASTE PETROLEUM NAPHTHA	3,758
1993	2	Recurrent	DW	USED ANTI-FREEZE	1,320
1993	3	Recurrent	DW	WASTE PETROLEUM NAPHTHA	1,747
1993	4	Recurrent	EHW	WASTE MOTOR OIL MIXED WITH 1,1,1-TRICHLOROETHANE	88

YEAR	SEQ #	ORIGIN	DESIGNATION	DESCRIPTION	TOTAL POUNDS
1993	5	Recurrent	DW	ALIPHATIC HYDROCARBONS	363
<i>Total for 1993</i>					7,275

Waste Stream Details

For

Reporting Years: 1993 To 1999

Glacier Northwest East Marginal Way
 5975 E MARGINAL WAY S
 SEATTLE, WA 98134-2414

EPA ID: WAD 980 986 061

FS ID: 95534411

County: KING

Region: NWRO

Contact (HWSC): Thomas Hanson (206)768-7612

Generator Status

SIC Codes(s)	Description
3273	READY-MIXED CONCRETE

1999 SEQ# 1 Used solvent from vehicle parts cleaning machine
 Pounds: 832 Origin: Recurrent Designation: DW
 Source: Other cleaning and degreasing (A19)
 State Code(s): WP02
 EPA Code: D018
 EPA Code: D008
 EPA Code: D001
 EPA Code: D039

1998 SEQ# 1 Used solvent from vehicle parts cleaning machines
 Pounds: 3,711 Origin: Recurrent Designation: DW
 Source: Other cleaning and degreasing (A19)
 State Code(s): WP02
 EPA Code: D039
 EPA Code: D018
 EPA Code: D008
 EPA Code: D001

-
- 1997 SEQ# 1 Used solvent from vehicle parts cleaning machine
Pounds: 3,718 Origin: Recurrent Designation: DW
Source: Other cleaning and degreasing (A19)
State Code(s): WP02
EPA Code: D039

EPA Code: D001

EPA Code: D018

EPA Code: D008
-
- 1996 SEQ# 1 Used solvent from vehicles parts cleaning machine
Pounds: 3,417 Origin: Recurrent Designation: DW
Source: Other cleaning and degreasing (A19)
State Code(s): WP02
EPA Code: D039

EPA Code: D018

EPA Code: D008

EPA Code: D001
-
- 1995 SEQ# 1 Parts cleaning solvent
Pounds: 4,517 Origin: Recurrent Designation: DW
Source: Dip rinsing (A05)
State Code(s): WP02
EPA Code: D039

EPA Code: D001

EPA Code: D008

EPA Code: D018
-
- 1995 SEQ# 2 Various dated shop substances.
Pounds: 458 Origin: Non-Recurrent Designation: DW
Source: Other production-derived one-time and intermittent processes (A59)
State Code(s): WP02
EPA Code: F001

EPA Code: F004
-
- 1995 SEQ# 3 Various dated shop substances.
Pounds: 251 Origin: Non-Recurrent Designation: DW
Source: Other production-derived one-time and intermittent processes (A59)
State Code(s): WT02
EPA Code: D001

1994 SEQ# 1 ETHYLENE GLYCOL,WATER,BENZENE,OIL,TETRACHLOROETHYLENE
Pounds: 968 Origin: Recurrent Designation: DW
Source: Other (A99)
State Code(s): W002
EPA Code: F002

1994 SEQ# 2 MINERAL
SPIRITS,OIL,WATER,LEAD,BENZENE,TETRACHLOROETHYLENE
Pounds: 4,624 Origin: Recurrent Designation: DW
Source: Other (A99)
State Code(s): WP02
EPA Code: F002

EPA Code: D008

EPA Code: D018

EPA Code: D039

EPA Code: D001

1993 SEQ# 1 WASTE PETROLEUM NAPHTHA
Pounds: 3,758 Origin: Recurrent Designation: EHW
Source: Other (A99)
State Code(s):
EPA Code: D039

EPA Code: D001

1993 SEQ# 2 USED ANTI-FREEZE
Pounds: 1,320 Origin: Recurrent Designation: DW
Source: Other (A99)
State Code(s): WT02
EPA Code:

1993 SEQ# 3 WASTE PETROLEUM NAPHTHA
Pounds: 1,747 Origin: Recurrent Designation: DW
Source: Other (A99)
State Code(s): WP02
EPA Code: D001

EPA Code: D039

EPA Code: D018

EPA Code: D008

1993 SEQ# 4 WASTE MOTOR OIL MIXED WITH 1,1,1-TRICHLOROETHANE
Pounds: 88 Origin: Recurrent Designation: EHW
Source: Other (A99)
State Code(s): WP01
EPA Code: F001

1993 SEQ# 5 ALIPHATIC HYDROCARBONS
Pounds: 363 Origin: Recurrent Designation: DW
Source: Other (A99)
State Code(s): WT02
EPA Code: D001

Yearly Recurrent Waste Totals

Glacier Northwest East Marginal Way
 5975 E MARGINAL WAY S
 SEATTLE, WA 98134-2414

EPA ID: WAD 980 986 061

FS ID: 95534411

County: KING

Contact (HWSC): Thomas Hanson (206)768-7612

Region: NWRO

Generator Status

<i>SIC Codes(s)</i>	<i>Description</i>
3273	READY-MIXED CONCRETE

<i>YEAR</i>	<i>ON SITE POUNDS</i>	<i>OFF SITE POUNDS</i>	<i>TOTAL POUND</i>
1999	0	832	832
1998	0	3,711	3,711
1997	0	3,718	3,718
1996	0	3,417	3,417
1995	0	4,517	4,517
1994	0	5,592	5,592
1993	0	7,275	7,275

Yearly Recurrent Waste Totals

Glacier Northwest East Marginal Way
5975 E MARGINAL WAY S
SEATTLE, WA 98134-2414

EPA ID: WAD 980 986 061

FS ID: 95534411

County: KING

Region: NWRO

Contact (HWSC): Thomas Hanson (206)768-7612

Generator Status

SIC Codes(s)	Description
3273	READY-MIXED CONCRETE

YEAR	ON SITE POUNDS	OFF SITE POUNDS	TOTAL POUND
1999	0	832	832
1998	0	3,711	3,711
1997	0	3,718	3,718
1996	0	3,417	3,417
1995	0	4,517	4,517
1994	0	5,592	5,592
1993	0	7,275	7,275

Greater Seattle Floors LLC
5517 Sixth Avenue South

Facility/Site Detail

Facility/Site Name: Greater Seattle Floors LLC

Ecology Identifier: 35148584

Facility/Site Location

Geographic Location	Latitude/Longitude
Street Address or Location 5517 6TH AVE S City: SEATTLE ZIP Code: 98108 County: KING Congressional District: 7 Legislative District: 11	Latitude: Deg: 47 Min: 33 Sec: 11.70 Longitude: Deg: 122 Min: 19 Sec: 36.91 Decimal Equivalents Latitude: 47.5532 Longitude: 122.3269 Accuracy Level: Unknown

Display the location of this site and all other sites of interest to the Department of Ecology that are approximately within a one half mile radius. Display the location of this site only, but do it via a controllable version of the map.

Reason for Interaction with the Department of Ecology

Interaction Description	Responsible Organization	Ecology Contact Phone #	Status
Hazardous Waste Generator	HAZWASTE	(360) 407-7555	Active

Industrial Classification

SIC Code	SIC Code Description
1752	FLOOR LAYING AND FLOOR WORK, NEC

Mailing Address of Facility/Site

No Address Information Available at this Time

Waste Streams For Reporting Years: 1993 To 1994

Greater Seattle Floors LLC
 5517 6TH AVE S
 SEATTLE, WA 98108
 EPA ID: WAD 981 768 740 FS ID: 35148584 Region: NWRO
 County: KING
 Contact (HWSC): Thomas Wells (206)763-7004

Generator Status

SQG

SIC Codes(s) Description

1752 FLOOR LAYING AND FLOOR WORK, NEC

YEAR	SEQ #	ORIGIN	DESIGNATION	DESCRIPTION	TOTAL POUNDS
1994	1	Recurrent	DW	XYLENE,METHYLENE CHLORIDE	726
<i>Total for 1994</i>					726
1993	1	Recurrent	DW	XYLENE,METHYLENE CHLORIDE	1,019
<i>Total for 1993</i>					1,019

Waste Stream Details

For

Reporting Years: 1993 To 1994

Greater Seattle Floors LLC
 5517 6TH AVE S
 SEATTLE, WA 98108

EPA ID: WAD 981 768 740

FS ID: 35148584

County: KING

Region: NWRO

Contact (HWSC): Thomas Wells (206)763-7004

Generator Status

SQG

SIC Codes(s) Description

1752 FLOOR LAYING AND FLOOR WORK, NEC

1994 SEQ# 1 XYLENE,METHYLENE CHLORIDE
 Pounds: 726 Origin: Recurrent Designation: DW
 Source: Other (A99)
 State Code(s): WT02
 EPA Code: D001
 EPA Code: F003
 EPA Code: F002

1993 SEQ# 1 XYLENE,METHYLENE CHLORIDE
 Pounds: 1,019 Origin: Recurrent Designation: DW
 Source: Other (A99)
 State Code(s): WT02
 EPA Code: D001
 EPA Code: F003
 EPA Code: F002

Yearly Recurrent Waste Totals

Greater Seattle Floors LLC
5517 6TH AVE S
SEATTLE, WA 98108

Contact (HWSC): Thomas Wells (206)763-7004

EPA ID: WAD 981 768 740

FS ID: 35148584

County: KING

Region: NWRO

Generator Status

SQG	
<i>SIC Codes(s)</i>	<i>Description</i>
1752	FLOOR LAYING AND FLOOR WORK, NEC

<i>YEAR</i>	<i>ON SITE POUNDS</i>	<i>OFF SITE POUNDS</i>	<i>TOTAL POUND</i>
1994	0	726	726
1993	0	1,019	1,019

James Hardie Gypsum
5931 East Marginal Way South

Facility/Site Detail

Facility/Site Name: James Hardie Gypsum

Ecology Identifier: 2253

Facility/Site Location

Geographic Location	Latitude/Longitude
Street Address or Location 5931 E MARGINAL WY S City: SEATTLE ZIP Code: 98134 County: KING Congressional District: 7 Legislative District: 11	Latitude: Deg: 47 Min: 33 Sec: 8.13 Longitude: Deg: 122 Min: 20 Sec: 15.06 Decimal Equivalents Latitude: 47.5523 Longitude: 122.3375 Accuracy Level: +/- 40 feet (12 meter)

Display the location of this site and all other sites of interest to the Department of Ecology that are approximately within a one half mile radius. Display the location of this site only, but do it via a controllable version of the map.

Reason for Interaction with the Department of Ecology

Interaction Description	Responsible Organization	Ecology Contact Phone #	Status
Hazardous Waste Generator	HAZWASTE	(360) 407-7555	Active
WDP General Permit	WATQUAL	(360) 407-6401	Active
Voluntary Cleanup Sites	TOXICS	(360) 407-7224	Active
Underground Storage Tank	TOXICS		Active

Industrial Classification

SIC Code	SIC Code Description
3275	GYPSUM PRODUCTS

Mailing Address of Facility/Site

No Address Information Available at this Time

JOE HALL CONSTRUCTION, INC.
5303 Pacific Highway East, Suite 276
Fife, Washington 98424

Mr. R. D. Ladwig, Plant Manager
James Hardie Gypsum (Washington), Inc.
5931 East Marginal Way South
Seattle, WA 98134

RE: Tank Removal, Tests and Labor/6-16-87

Dear Mr. Ladwig:

In reply to your request for a description of our removal and disposition of a diesel storage tank at what was then the Norwest Gypsum plant, we advise that we proceeded as follows.

After obtaining permits for tank removal from the Seattle Fire Department, we arrived at the Norwest Gypsum location at 5931 East Marginal Way South, Seattle, WA 98134 on June 16, 1987. We were not able to test all of your tanks, but it was observed in testing that the content level of a one-thousand-gallon tank containing diesel fuel began to lower very slowly.

Upon observing what appeared to be a very small leak, we excavated around the tank and found that it had apparently sprung a pinhole leak under the test pressurization.

The tank was drained, and dry ice was applied. This produced approximately a wheelbarrow full of frozen dirt containing diesel oil. We removed this small contaminated portion of dirt, and dug out and removed the dry sand which had surrounded it until we were satisfied that no contaminate remained. The contaminated dirt was removed from the premises and aerated until it contained not more than 20 ppm diesel fuel.

We removed the tank from the premises, defumed it, scraped it, and took it to the scrap yard. We filled the excavation with fill dirt consisting of dry sand.

We are satisfied that a very small amount of diesel fuel escaped from the tank, and that it was completely removed from the premises without ever encountering any ground water or anything else except dry sand.

We hope this will be a satisfactory report. Please advise us if you have any questions.

Very truly yours,

Del Lovell

Del Lovell

JOE HALL CONSTRUCTION, INC.

In this location?
GW 7-13 ft
below grade -
DL

DL:jlc



POTENTIAL HAZARDOUS WASTE SITE SITE IDENTIFICATION

I. IDENTIFICATION

01 STATE WA 02 SITE NUMBER N-17-5634-000

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) JAMES HARDIE GYPSUM
 02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 5731 E. MARSHALL WAY S.
 03 CITY SEATTLE 04 STATE WA 05 ZIP CODE 98137 06 COUNTY KING 07 COUNTY CODE 17 08 CONG. DIST. 7

09 DIRECTIONS TO SITE (Starting from nearest public road)
 10 LEGIS. DIST. 37

III. POTENTIALLY LIABLE PERSONS

01 OWNER (If known)
 02 STREET (Business, residential, mailing)
 03 CITY
 04 STATE 05 ZIP CODE 06 TELEPHONE NUMBER
 07 OPERATOR (If known and different from owner)
 08 STREET (Business, residential, mailing)
 09 CITY
 10 STATE 11 ZIP CODE 12 TELEPHONE NUMBER

13 TYPE OF OWNERSHIP (Check one)
 A. PRIVATE B. FEDERAL: _____ (Agency name)
 C. STATE D. COUNTY E. MUNICIPAL
 F. OTHER: _____ (Specify) G. UNKNOWN

IV. HOW IDENTIFIED

01 DATE IDENTIFIED 12 / 13 / 89
 02 IDENTIFIED BY (Check all that apply)
 A. CITIZEN COMPLAINT B. INDUSTRY C. DEPT OF ECOLOGY D. AERIAL RECONNAISSANCE
 E. RCRA INSPECTION F. SURFACE IMPOUNDMENT ASSESSMENT G. OTHER IDENTIFICATION
 H. OTHER _____ (Specify) I. LOCAL GOVERNMENT

V. SITE CHARACTERIZATION

01 TYPE OF SITE (Check all that apply)
 A. STORAGE B. TREATMENT C. DISPOSAL D. UNAUTHORIZED DUMPING E. OTHER _____ (Specify)

02 SUMMARY OF KNOWN PROBLEMS (Provide narrative description)
 A solid waste landfill is located at James Hardie Gypsum. A remedial investigation was done in 1987 for the landfill owned Northwest Gypsum Solid Waste Landfill. The results are summarized as follows: Soils exceeded 10-times the Drinking Water Standards for arsenic, chromium, lead, and possibly cadmium & mercury (probably as one element). Other metals were detected but not at levels of concern. Groundwater samples exceeded Drinking Water Standards for chromium, lead, and mercury.

03 SUMMARY OF ALLEGED OR POTENTIAL PROBLEMS (Provide narrative description)
 None Done 4-13-90

VI. INFORMATION AVAILABLE FROM

(Is Contact Name Confidential YES NO)
 01 CONTACT SUGGESTION (Leave Blank if Confidential)
 02 OF (Agency/Organization)
 03 TELEPHONE NUMBER (Leave Blank if Confidential)
 04 PREPARED BY BARBARA J. TREP 05 AGENCY ECOLOGY 06 ORGANIZATION
 07 TELEPHONE NUMBER () 08 DATE 4 / 13 / 90
 MONTH DAY YEAR

Characterization of Recycle Pile
James Hardie Gypsum

Prepared for

Weiss, Jensen, Ellis & Botteri
3150 First Interstate Center
999 Third Avenue
Seattle, Washington 98104

July 1991

Prepared by

Roy F. Weston, Inc.
Suite 500
201 Elliott Avenue West
Seattle, Washington 98119

PHASE I ANALYSIS

= The objective of the Phase I sampling and analysis program was to determine the nature and concentration of metals in manufactured wallboard with particular concern for the material stockpiled at the James Hardie Gypsum (JHG) facility. In order to fulfill this objective 19 samples were obtained. Three samples were collected from wallboard recently produced by JHG that was awaiting recycling. Three samples were also collected from wallboard manufactured by other companies (UNK) that had been received by JHG for recycling. Finally, 13 samples were collected from material stockpiled at the JHG facility. The stockpiled material was not being recycled at the time of sampling due to the Washington State Department of Ecology's concern regarding groundwater quality in the vicinity of the pile. The JHG and UNK samples were collected on 28 February 1991. The stockpiled material was sampled on 1 March 1991.

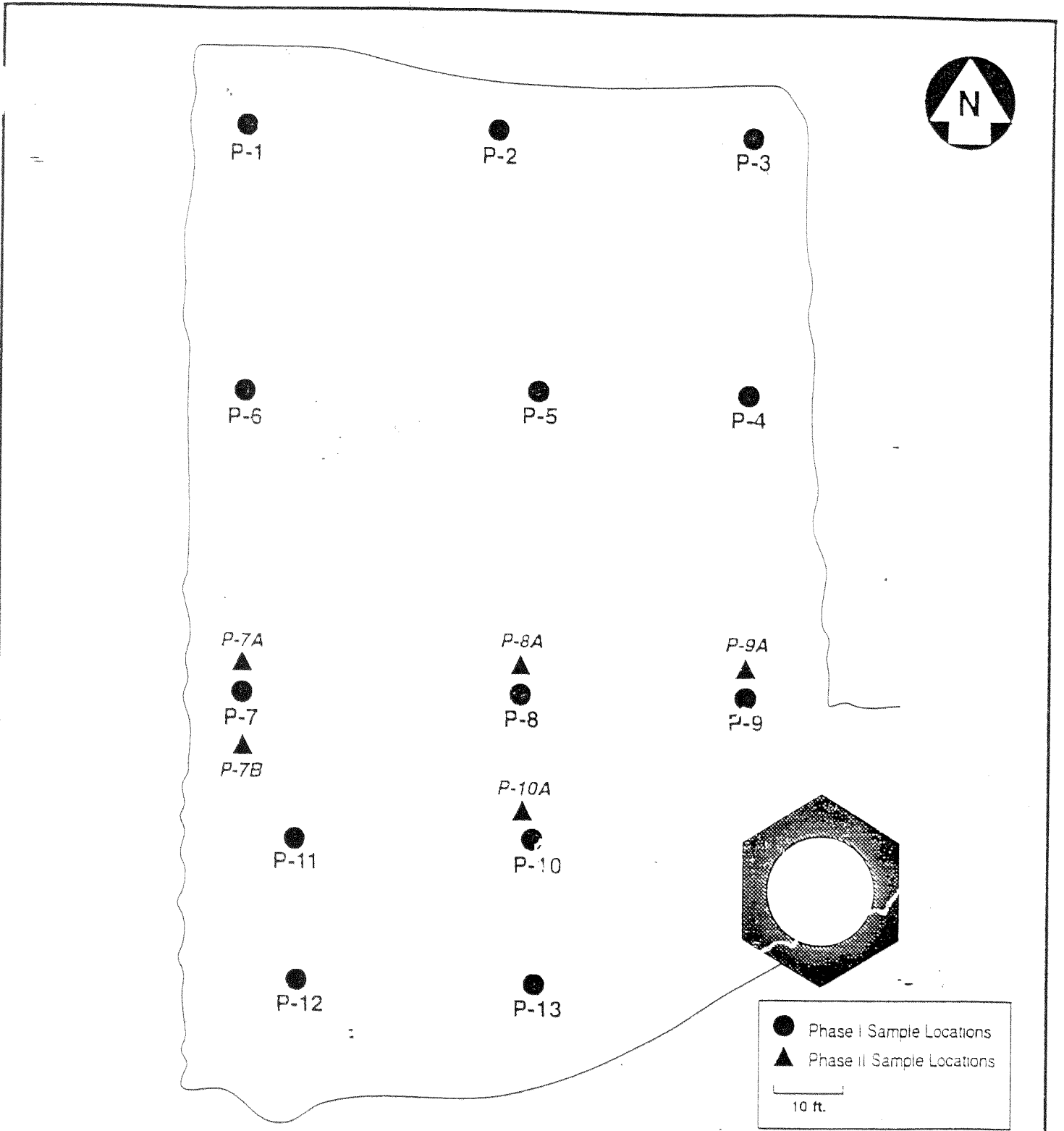
The JHG and the UNK samples (discrete) were obtained by scraping chunks of gypsum from intact pieces of wallboard into 4 oz. jars. The P samples (composite) were obtained from the pile using a backhoe. Test pits were dug for each sample. The location of each test pit is presented in Figure 1. Each test pit was excavated until either:

- Grade was reached, i.e., sand or soil was visible,
- Water was evident in the pit, or
- The backhoe could not excavate any further.

When the pit was dug, the depth was measured and the characteristics of the material (e.g., color, odor, and foreign matter) noted. The backhoe operator then scraped the side of the pit with the bucket from the bottom of the pit to the top. This composite material was then homogenized and placed in a 4 oz. jar.

A summary of the sampling information and field notes is presented in Table 1. The samples were then analyzed for the following metals: Arsenic, cadmium, chromium, copper, mercury, nickel, lead and zinc.

Analytical results for all samples are presented in Table 2. Zinc and copper were the only metals detected in the new wallboard samples (JHG-1 through JHG-3 and UNK-1 through UNK-3) and concentrations were relatively consistent. All metals were detected in the recycle pile samples except arsenic, which had an elevated detection limit. With the exception of mercury, all were found in concentrations considerably below the Model Toxics Control Act Cleanup Regulation (WAC 173-340) cleanup levels for industrial soil.



James Hardie Gypsum Pile Characterization
Sampling Locations

TABLE 1
PHASE I SAMPLING DATA

Sample ID#	Depth to Grade	Depth Excavated	Comments
P-1	12	12	Color of material darkened from gray to black with depth. No foreign matter present. Soil at 14'.
P-2	-	14	Chunks of wallboard from 5 to 14'. Chunks of rubber belting at 8'. Water was evident in the whole at 14'. Strong sulfur odor.
P-3	-	14	Color trended from brownish white to gray/black. No foreign matter present. Black colored gypsum at 14 feet. Strong sulfur odor.
P-4	14	14	
P-5	-	13	Color trended from brown/white to gray/black. Plastic was identified at 2'. 4' Piece of galvanized wire at 8'. Didn't reach grade or water at 13'. Slight sulfur odor.
P-6	-	11	Color trended from brown to gray/black 5', and white at 11'. Identified strips of burlap and plastic at 4'. Hit a tree trunk at 11 feet. Didn't reach grade or water. No sulfur odor.
P-7	-	12	Color trended from brown to gray/black. Rubber strips of belting were identified at 2'. Plastic and wood debris (2"x4") found at 5'. At 12' hit wood debris (4"x4"). Couldn't excavate any further. Water was coming into the bottom of the whole. Slight sulfur odor which increased with depth.
P-8	12	12	Color trended from brown to gray/black. 2"x4" wood debris at 8'. Hit sand at 11 feet. Sulfur odor at 6'.
P-9	12	12	Color trended from brown to gray/black at 2'. A lot of wood debris at 7'. Strong sulfur odor at 8'.
P-10	14	14.5	Color trended from brown to gray/black at 2'. Wood debris at 7 feet. Strong sulfur odor at 11 feet. Hit water at 14' and sand at 14.5'.
P-11	-	15	Color trended from brown to gray at 4'. Wood debris and plastic at 4'. 2"x8"x8 piece of wood at 6'. Sulfur odor at 10'. Water at 15'.
P-12	11	11	Color trended from brown to gray at 2'. Wood debris at 2'. Hit water and sand at 11'. No odor.
P-13	12	12	Color trended from brown to gray at 3'. A lot of plastic and metal pallet binders at 4'. A lot of paper debris at 10.5' which say Kaiser Gypsum. Hit water and sand at 12'. No odor.

TABLE 2
PHASE I ANALYTICAL RESULTS

ANALYTE	P-1	P-2	P-3	P-4	P-5	P-6	P-7	P-8	P-9	P-10
Arsenic	110 U	190 U	197 U	132 U	131 U	120 U	99.4 U	164 U	106 U	134 U
Barium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	1.1 U	1.9 U	2 U	1.3 U	1.3 U	1.2 U	1.1	1.6 U	1.1 U	1.3 U
Chromium	8	3.8 U	3.9 U	18.3	5.7	6.7	2.8	4.3	6.7	8.6
Copper	30.5	8.1 U	10.2 U	39.2	57.5	38.4	30.7	25	67	42.7
Lead	78.2	34.1 U	35.4 U	27	69.2	91.9	248	54.1	94.1	67.5
Mercury	0.66	0.19 U	0.21 U	3.2	3.2	2.4	0.7	7.1	9.3	12.7
Nickel	9.7	15.2 U	15.7 U	10.6 U	10.5 U	9.6 U	7.9 U	13.1 U	9.4	10.7 U
Selenium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tin	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	189	138	97.3	155	231	223	182	148	209	142

U = Analyte not detected. The associated numerical value is the approximate detection limit.

TABLE 2
PHASE I ANALYTICAL RESULTS

ANALYTE	P-11	P-12	P-13	JHG-1	JHG-2	JHG-3	UNK-1	UNK-2	UNK-3
Arsenic	169 U	152 U	147 U	116 U	118 U	114 U	111 U	117 U	110 U
Barium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	1.7 U	1.5 U	1.5 U	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U
Chromium	4.4	4	16	2.3 U	2.4 U	2.3 U	2.2 U	2.3 U	2.2 U
Copper	15.7	14.5	44.5	6.1 U	5.7 U	5.2 U	5.4 U	5.9	13.5
Lead	37.4	34.3	90.8	20.9 U	21.2 U	20.5 U	19.9 U	21.1 U	19.8 U
Mercury	2.7	0.18 U	1.2	0.13 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Nickel	13.5 U	12.1 U	20.8	9.3 U	9.4 U	9.1 U	8.9 U	9.4 U	8.8 U
Selenium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tin	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	169	216	364	51.4	76.4	54.7	4.4 U	71	54.3

U = Analyte not detected. The associated numerical value is the approximate detection limit.

PHASE II ANALYSIS

The objectives of the Phase II sampling and analysis program were to 1) verify the concentrations of lead and mercury detected in the stockpiled material during Phase I, 2) determine if the concentrations varied with depth, and 3) identify if the material would be classified as a RCRA characteristic waste by the Toxic Characteristic Leaching Procedure (TCLP) analyses.

Figure 1 depicts the Phase II sample locations as triangles. Based on high results from the Phase I program, samples collected from locations 7A and 7B were analyzed for total lead (EPA Method 6010). Samples P-8A, P-9A and P-10A were analyzed for total mercury (EPA Method 7471).

Discrete samples were collected with a hand auger after a trench was excavated by backhoe to the desired sample depth. Samples were collected at 5-foot intervals up to 15 feet, or near the bottom of the gypsum pile if the underlying grade was encountered. This was the case in trenches P-9A and P-10A where the lowermost samples were collected at 14 and 12.5 feet, respectively. Table 3 lists sample descriptions and observations. After extracting the sample from the hand auger bucket, it was homogenized in a stainless steel bowl, then placed in a precleaned sample container. Sampling equipment was carefully cleaned between samples to prevent cross contamination. The samples were sent priority overnight freight to the WESTON Analytics in Stockton, California.

Results for Phase II total lead and mercury analyses are presented in Table 4. Lead concentrations from the Phase I "hot spot" were below MTCA cleanup standards for both residential and industrial soil. Mercury concentrations exceeded MTCA cleanup criterion of 1.0 mg/kg for samples P-8A-5' and P-10A-14'.

Samples exhibiting the highest concentrations of lead and mercury, samples P-7A-10' and P-8A-5' respectively, were reanalyzed for total metals to verify initial results. In addition, Sample P-10, collected during Phase I and archived at the laboratory, was reanalyzed for mercury to confirm earlier results. Chloride analysis was also performed on samples P-8A-5' and P-10 to ensure mercury results were not artifacts due to analytical interferences. Lead and mercury concentrations for the reanalyzed samples were within the normal range of variation expected for solid samples.

Samples containing the highest concentrations of lead and mercury were then extracted by the TCLP and reanalyzed to determine if material might be considered a RCRA characteristic waste upon removal from the stockpile. Results are summarized in Table 5. No mercury was detected in the TCLP leachate and the lead concentration, 0.44 mg/l, was significantly below the regulatory criterion of 5.0 mg/l.

It is likely that mercury present in the stockpile is from mercury compounds which historically have been used as mildewcides and fungicides in wallboard paper and latex paints. It appears that metal concentrations are not uniformly distributed throughout the stockpile area but are in layers or pockets. This would be expected for such a heterogeneous storage pile.

CONCLUSIONS

In light of these results, it is WESTON's opinion that the stockpiled material does not pose a threat to local groundwater quality and is acceptable for recycling. Recycling this material is consistent with the recycle/reuse goals of the state's solid waste laws.

TABLE 3
PHASE II SAMPLING DATA

Sample ID#	Depth to Grade	Depth Excavated	Comments
P-7A-5'	>15	15	Gypsum present as rock fragments down to fine-silt size; some plastic, trace of wood; light brown; moist with slight organic odor.
P-7A-10'	"	"	Same as above; color change to gray at 6 feet, moist/wet; large (6" diameter, > 10 feet in length) drive chain unearthed at 7 feet; Moderate sulfur odor.
P-7A-15'	"	"	Same as above; color variable from light gray brown to black, moist to wet; glass fragments; very strong sulfur odor.
P-7B-5'	"	"	Gypsum fragments present in all sizes up to 1 inch; light gray, moist, no foreign matter.
P-7B-10'	"	"	Same as above; soft, clay-like consistency; pieces of decaying yet intact gypsum board; pronounced color change to dark gray at 6 feet; gypsum is light gray to white, paper casing gray to black; sulfur odor. Slight sulfur odor.
P-7B-15'	"	"	Same as above; trace of orange-brown glass fragments; fibers noted in paper binding; strong sulfur odor.
P-8A-5'	"	"	Well graded gypsum to .75 inch in diameter; trace of paper; color transition to gray at 2 feet; light grayish brown to gray; slight sulfur odor increasing with depth.

TABLE 3
PHASE II SAMPLING DATA

Sample ID#	Depth to Grade	Depth Excavated	Comments
P-8A-10'	"	"	Same as above; some paper; gray to very dark gray; strong sulfur odor.
P-8A-15'	"	"	Same as above.
P-9A-5'	13	15	Well graded gypsum; homogeneous composition; some pieces of rock to .5 inch; no paper fragments; appears to be a quarried gypsum tailings pile, i.e., has not been processed; gray, moist to wet. Color on trench wall trended from light brownish gray to gray/black at 2'; moderate sulfur odor.
P-9A-10'	"	"	Same as above; very dark gray.
P-9A-12.5'	"	"	Same as above; some paper; slightly silty sand defining grade encountered at 13 feet; six inches of standing water in 15 foot-deep trench; water at 14.5 feet; strong sulfur odor.
P-10A-5'	15	15	Gypsum board, > 3' x 3' sheets stacked horizontally; sample consists of about 30 % paper; gypsum is light gray, paper is brown; moist; strong sulfur odor. Color change to gray at 3 feet below ground surface on trench wall.
P-10A-10'	15	15	Gypsum fragments to 1 inch; well graded; no paper; dark gray, moist, strong sulfur odor.
P-10A-14'	15	15	Same as above; 10 to 15 % paper; light gray, strong sulfur odor. silty sand grade hit at 15 feet, no water observed in trench.

TABLE 4
PHASE II ANALYTICAL RESULTS—TOTAL METALS

Sample No.	Lead (mg/kg)	Mercury (mg/kg)
P-7A-5'	88	--
P-7A-10'	180	--
P-7A-15'	49	--
P-7B-5'	62	--
P-7B-10'	62	--
P-7B-15'	51	--
P-8A-5'	--	11
P-8A-10'	--	ND
P-8A-15'	--	ND
P-9A-5'	--	ND
P-9A-10	--	ND
P-9A-12.5'	--	ND
P-10A-5'	--	ND
P-10A-10'	--	ND
P-10A-14'	--	1.2

ND = Not detected.

-- = Not analyzed.

TABLE 5
TCLP RESULTS

Sample No.	Total Metals (reanalysis)	TCLP Analysis	TCLP Criteria
P-7A-10' (lead)	109 mg/kg	0.44 mg/l	5.0 mg/l
P-8A-5' (mercury)	8.4 mg/kg	ND	8.0 mg/l
P-10 (mercury)	6.4 mg/kg	ND	8.0 mg/l

ND = Not detected.

Kelly-Moore Preservative Paint
5410 Airport Way South

Facility/Site Detail

Facility/Site Name: Kelly Moore Preservative Paint Co

Ecology Identifier: 2163

Facility/Site Location

Geographic Location	Latitude/Longitude
Street Address or Location 5410 AIRPORT WAY S City: SEATTLE ZIP Code: 98108 County: KING Congressional District: 7 Legislative District: 11	Latitude: Deg: 47 Min: 33 Sec: 12.49 Longitude: Deg: 122 Min: 19 Sec: 20.66 Decimal Equivalents Latitude: 47.5535 Longitude: 122.3224 Accuracy Level: +/- 40 feet (12 meter)

Display the location of this site and all other sites of interest to the Department of Ecology that are approximately within a one half mile radius. Display the location of this site only, but do it via a controllable version of the map.

Reason for Interaction with the Department of Ecology

Interaction Description	Responsible Organization	Ecology Contact Phone #	Status
Hazardous Waste Generator	HAZWASTE	(360) 407-7555	Active
Toxics Release Inventory	HAZWASTE	(360) 407-6727	Active
WDP General Permit	WATQUAL	(360) 407-6401	Active
State Cleanup Site	TOXICS	(360) 407-7224	Active
Underground Storage Tank	TOXICS		Active

Industrial Classification

SIC Code	SIC Code Description
28	CHEMICALS AND ALLIED PRODUCTS
2851	PAINTS AND ALLIED PRODUCTS
5231	PAINT, GLASS, AND WALLPAPER STORES

Mailing Address of Facility/Site

No Address Information Available at this Time



Facility Profile Report

EPA Office of Environmental Information

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TRI Facility Profile

TRI Facility Name: **KELLY-MOORE/PRESERVATIVE PAINT CO.**

Address: 5400 AIRPORT WAY S.
SEATTLE, WA 98108

County: KING

Public Contact:

Phone Number:

Forms Submitted to TRI in 1999 Reporting Year:

Form R (regular form): 0

Form A (short form): 2

Standard Industrial Classification (SIC) Code(s) in 1999 Reporting Year:

2851 PAINTS + ALLIED PRODUCTS

Reported TRI Chemical Data
(in pounds, for all chemicals reported in 1999)

Total On-site Releases: .

Total Off-site Releases: .

Total Transfers Off-site for
Further Waste Management: .

Total Waste Managed: .

TRI Facility Trend Graphs (click to view trend graph)

[Total On- and Off-site Releases](#)

[Total Transfers Off-site for Further Waste Management](#)

[Total Waste Managed](#)

TRI Chemical Trend Table
(all chemicals reported to TRI between 1988 and 1999)

Row #	Chemical	On- and Off-site Releases Trend	Transfers Off-site for Further Waste Management Trend	Quantities of TRI Chemicals in Waste Trend	EPA's IRIS Substance File (Risk Information) i
1	ACETONE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	CERTAIN GLYCOL ETHERS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	ETHYLENE GLYCOL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4	ISOPROPYL ALCOHOL (MANUFACTURING, STRONG-ACID PROCESS ONLY, NO SUPPLIE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5	METHYL ETHYL KETONE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	METHYL ISOBUTYL KETONE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	TOLUENE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8	XYLENE (MIXED ISOMERS)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Other TRI Facility Information

Latitude: 47-33-15
 Longitude: 122-19-18
 Parent Company Name: KELLY-MOORE PAINT CO. INC.
 Parent Company Dun and Bradstreet: 009125303
 TRI Facility ID Number: 98108PRSRV54005
 RCRA ID Number (Land): WAD059315069

Down load [all data](#) for KELLY-MOORE/PRESERVATIVE PAINT CO.

Note: Reporting year (RY) 1999 is the most recent TRI data available. Facilities reporting to TRI were required to submit RY 1999 data to EPA by July 2000. TRI Explorer is using a "frozen" data set that includes revisions submitted to EPA as of December 28, 2000 for the years 1988 to 1999 (i.e., revisions submitted to EPA after this time are not reflected in TRI Explorer reports). Please access [EPA Envirofacts](#) to view TRI data with the most recent revisions.

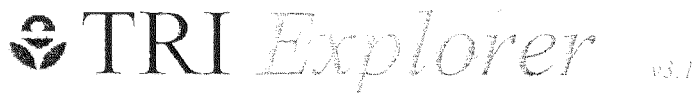
Please see [assumptions](#) for revisions submitted by a facility in Pennsylvania in the "no codes" category.

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June 6, 2001
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This request took 4.95 seconds of real time (v8.0 build 1330).



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TRI On-site and Off-site Reported Releases of ACETONE (in pounds), By KELLY-MOORE/PRESERVATIVE PAINT CO. (TRI ID 98108PRSRV54005)

Are year to year changes comparable?

Row #	Year	Total Air Emissions <input type="checkbox"/>	Surface Water Discharges <input type="checkbox"/>	Underground Injections <input type="checkbox"/>	Releases to Land <input type="checkbox"/>	Total On-site Releases <input type="checkbox"/>	Total Off-site Releases <input type="checkbox"/>	Total On- and Off-site Releases <input type="checkbox"/>
1	1990	255				255		255
2	1991	1,217				1,217		1,217

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- Quantities of TRI Chemicals in Waste (waste management)

Note: Reporting year (RY) 1999 is the most recent TRI data available. Facilities reporting to TRI were required to submit RY 1999 data to EPA by July 2000. TRI Explorer is using a "frozen" data set that includes revisions submitted to EPA as of December 28, 2000 for the years 1988 to 1999 (i.e., revisions submitted to EPA after this time are not reflected in TRI Explorer reports). Please access [EPA Envirofacts](#) to view TRI data with the most recent revisions.

Please see [assumptions](#) for revisions submitted by a facility in Pennsylvania in the "no codes" category.

Trend reports include data for prior years and data from "original industries" only after 1997.

ACETONE was delisted in 1994 and hence is on longer reported.

On-site releases are from Section 5 of the Form R. Off-site releases are from Section 6 (transfers off-site to disposal) of the Form R. Off-site releases include metals and metal compounds transferred off-site for solidification/stabilization and for waste water treatment, including to POTWs.

A decimal point, or ".", denotes the following:

1. if a decimal point is reported across an entire row, the facility submitted a Form A (i.e., the facility certified that its total annual reportable amount is less than 500 pounds, and does not manufacture, process, or otherwise use more than 1 million pounds); or
2. if a decimal point is reported in a single column, the facility left that particular cell blank in its Form R submission (a zero in a cell denotes either that the facility reported "0" or "NA" in its Form R submission),

Users of TRI information should be aware that TRI data reflect releases and other waste management of chemicals, not exposure of the public to those chemicals. Release estimates alone are not sufficient to determine exposure or to calculate potential adverse effects on human health and the environment. TRI data, in conjunction with other information, can be used as a starting point in evaluating exposures that may result from release and other waste management activities that involve toxic chemicals.



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TRI On-site and Off-site Reported Releases of CERTAIN GLYCOL ETHERS (in pounds), By KELLY-MOORE/PRESERVATIVE PAINT CO. (TRI ID 98108PRSRV54005)

Are year to year changes comparable?

Row #	Year	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases	Total On- and Off-site Releases
1	1992	255				255		255
2	1993	255				255		255
3	1994	255				255		255
4	1995	NA	NA	NA	NA	NA	NA	NA
5	1996	17				17		17
6	1997	NA	NA	NA	NA	NA	NA	NA
7	1998	NA	NA	NA	NA	NA	NA	NA
8	1999	NA	NA	NA	NA	NA	NA	NA

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- Quantities of TRI Chemicals in Waste (waste management)

Note: Reporting year (RY) 1999 is the most recent TRI data available. Facilities reporting to TRI were required to submit RY 1999 data to EPA by July 2000. TRI Explorer is using a "frozen" data set that includes revisions submitted to EPA as of December 28, 2000 for the years 1988 to 1999 (i.e., revisions submitted to EPA after this time are not reflected in TRI Explorer reports). Please access [EPA Envirofacts](#) to view TRI data with the most recent revisions.

Please see [assumptions](#) for revisions submitted by a facility in Pennsylvania in the "no codes" category.

Trend reports include data for prior years and data from "original industries" only after 1997.

On-site releases are from Section 5 of the Form R. Off-site releases are from Section 6 (transfers off-site to disposal) of the Form R. Off-site releases include metals and metal compounds transferred off-site for solidification/stabilization and for waste water treatment, including to POTWs.

A decimal point, or "." denotes the following:

1. if a decimal point is reported across an entire row, the facility submitted a Form A (i.e., the facility certified that its total annual reportable amount is less than 500 pounds, and does not manufacture, process, or otherwise use more than 1 million pounds); or
2. if a decimal point is reported in a single column, the facility left that particular cell blank in its Form R submission (a zero in a cell denotes either that the facility reported "0" or "NA" in its Form R submission).

Users of TRI information should be aware that TRI data reflect releases and other waste management of chemicals, not exposure of the public to those chemicals. Release estimates alone are not sufficient to determine exposure or to calculate potential adverse effects on human health and the environment. TRI data, in conjunction with other information, can be used as a starting point in evaluating exposures that may result from release and other waste



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TRI On-site and Off-site Reported Releases of ETHYLENE GLYCOL (in pounds), By KELLY-MOORE/PRESERVATIVE PAINT CO. (TRI ID 98108PRSRV54005)

Are year to year changes comparable?

Row #	Year	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases	Total On- and Off-site Releases
1	1988	18				18		18
2	1989	21				21		21
3	1990	1,745				1,745		1,745
4	1991	255				255		255
5	1992	255				255		255
6	1993	10				10		10

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- Quantities of TRI Chemicals in Waste (waste management)

Note: Reporting year (RY) 1999 is the most recent TRI data available. Facilities reporting to TRI were required to submit RY 1999 data to EPA by July 2000. TRI Explorer is using a "frozen" data set that includes revisions submitted to EPA as of December 28, 2000 for the years 1988 to 1999 (i.e., revisions submitted to EPA after this time are not reflected in TRI Explorer reports). Please access [EPA Envirofacts](#) to view TRI data with the most recent revisions.

Please see [assumptions](#) for revisions submitted by a facility in Pennsylvania in the "no codes" category.

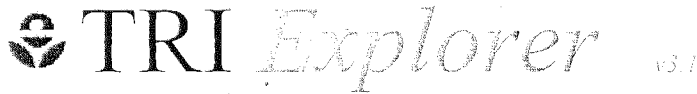
Trend reports include data for prior years and data from "original industries" only after 1997.

On-site releases are from Section 5 of the Form R. Off-site releases are from Section 6 (transfers off-site to disposal) of the Form R. Off-site releases include metals and metal compounds transferred off-site for solidification/stabilization and for waste water treatment, including to POTWs.

A decimal point, or ".", denotes the following:

1. if a decimal point is reported across an entire row, the facility submitted a Form A (i.e., the facility certified that its total annual reportable amount is less than 500 pounds, and does not manufacture, process, or otherwise use more than 1 million pounds); or
2. if a decimal point is reported in a single column, the facility left that particular cell blank in its Form R submission (a zero in a cell denotes either that the facility reported "0" or "NA" in its Form R submission).

Users of TRI information should be aware that TRI data reflect releases and other waste management of chemicals, not exposure of the public to those chemicals. Release estimates alone are not sufficient to determine exposure or to calculate potential adverse effects on human health and the environment. TRI data, in conjunction with other information, can be used as a starting point in evaluating exposures that may result from release and other waste management activities that involve toxic chemicals.



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TRI On-site and Off-site Reported Releases of METHYL ETHYL KETONE (in pounds), By KELLY-MOORE/PRESERVATIVE PAINT CO. (TRI ID 98108PRSRV54005)

Are year to year changes comparable?

Row #	Year	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases	Total On- and Off-site Releases
1	1989	110				110		110
2	1990	1,000				1,000		1,000
3	1991	1,450				1,450		1,450

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Note: Reporting year (RY) 1999 is the most recent TRI data available. Facilities reporting to TRI were required to submit RY 1999 data to EPA by July 2000. TRI Explorer is using a "frozen" data set that includes revisions submitted to EPA as of December 28, 2000 for the years 1988 to 1999 (i.e., revisions submitted to EPA after this time are not reflected in TRI Explorer reports). Please access [EPA Envirofacts](#) to view TRI data with the most recent revisions.

Please see [assumptions](#) for revisions submitted by a facility in Pennsylvania in the "no codes" category.

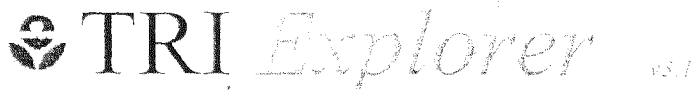
Trend reports include data for prior years and data from "original industries" only after 1997.

On-site releases are from Section 5 of the Form R. Off-site releases are from Section 6 (transfers off-site to disposal) of the Form R. Off-site releases include metals and metal compounds transferred off-site for solidification/stabilization and for waste water treatment, including to POTWs.

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1. if a decimal point is reported across an entire row, the facility submitted a Form A (i.e., the facility certified that its total annual reportable amount is less than 500 pounds, and does not manufacture, process, or otherwise use more than 1 million pounds); or
2. if a decimal point is reported in a single column, the facility left that particular cell blank in its Form R submission (a zero in a cell denotes either that the facility reported "0" or "NA" in its Form R submission).

Users of TRI information should be aware that TRI data reflect releases and other waste management of chemicals, not exposure of the public to those chemicals. Release estimates alone are not sufficient to determine exposure or to calculate potential adverse effects on human health and the environment. TRI data, in conjunction with other information, can be used as a starting point in evaluating exposures that may result from release and other waste management activities that involve toxic chemicals.



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TRI On-site and Off-site Reported Releases of METHYL ISOBUTYL KETONE (in pounds), By KELLY-MOORE/PRESERVATIVE PAINT CO. (TRI ID 98108PRSRV54005)

Are year to year changes comparable?

Row #	Year	Total Air Emissions <input type="checkbox"/>	Surface Water Discharges <input type="checkbox"/>	Underground Injections <input type="checkbox"/>	Releases to Land <input type="checkbox"/>	Total On-site Releases <input type="checkbox"/>	Total Off-site Releases <input type="checkbox"/>	Total On- and Off-site Releases <input type="checkbox"/>
1	1990		255			255		255
2	1991		282			282		282

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Note: Reporting year (RY) 1999 is the most recent TRI data available. Facilities reporting to TRI were required to submit RY 1999 data to EPA by July 2000. TRI Explorer is using a "frozen" data set that includes revisions submitted to EPA as of December 28, 2000 for the years 1988 to 1999 (i.e., revisions submitted to EPA after this time are not reflected in TRI Explorer reports). Please access [EPA Envirofacts](#) to view TRI data with the most recent revisions.

Please see [assumptions](#) for revisions submitted by a facility in Pennsylvania in the "no codes" category.

Trend reports include data for prior years and data from "original industries" only after 1997.

On-site releases are from Section 5 of the Form R. Off-site releases are from Section 6 (transfers off-site to disposal) of the Form R. Off-site releases include metals and metal compounds transferred off-site for solidification/stabilization and for waste water treatment, including to POTWs.

A decimal point, or ".", denotes the following:

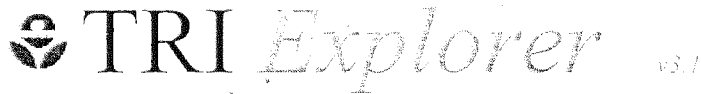
1. if a decimal point is reported across an entire row, the facility submitted a Form A (i.e., the facility certified that its total annual reportable amount is less than 500 pounds, and does not manufacture, process, or otherwise use more than 1 million pounds); or
2. if a decimal point is reported in a single column, the facility left that particular cell blank in its Form R submission (a zero in a cell denotes either that the facility reported "0" or "NA" in its Form R submission).

Users of TRI information should be aware that TRI data reflect releases and other waste management of chemicals, not exposure of the public to those chemicals. Release estimates alone are not sufficient to determine exposure or to calculate potential adverse effects on human health and the environment. TRI data, in conjunction with other information, can be used as a starting point in evaluating exposures that may result from release and other waste management activities that involve toxic chemicals.

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June 6, 2001

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TRI On-site and Off-site Reported Releases of TOLUENE (in pounds), By KELLY-MOORE/PRESERVATIVE PAINT CO. (TRI ID 98108PRSRV54005)

Are year to year changes comparable?

Row #	Year	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases	Total On- and Off-site Releases
1	1988	563				563		563
2	1989	671				671		671
3	1990	1,582				1,582		1,582
4	1991	1,750				1,750		1,750
5	1992	1,404				1,404		1,404
6	1993	813				813		813
7	1994	255				255		255
8	1995	NA	NA	NA	NA	NA	NA	NA
9	1996	30				30		30
10	1998	NA	NA	NA	NA	NA	NA	NA

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Note: Reporting year (RY) 1999 is the most recent TRI data available. Facilities reporting to TRI were required to submit RY 1999 data to EPA by July 2000. TRI Explorer is using a "frozen" data set that includes revisions submitted to EPA as of December 28, 2000 for the years 1988 to 1999 (i.e., revisions submitted to EPA after this time are not reflected in TRI Explorer reports). Please access [EPA Envirofacts](#) to view TRI data with the most recent revisions.

Please see [assumptions](#) for revisions submitted by a facility in Pennsylvania in the "no codes" category.

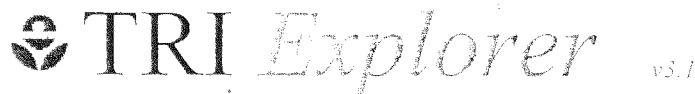
Trend reports include data for prior years and data from "original industries" only after 1997.

On-site releases are from Section 5 of the Form R. Off-site releases are from Section 6 (transfers off-site to disposal) of the Form R. Off-site releases include metals and metal compounds transferred off-site for solidification/stabilization and for waste water treatment, including to POTWs.

A decimal point, or "." denotes the following:

1. if a decimal point is reported across an entire row, the facility submitted a Form A (i.e., the facility certified that its total annual reportable amount is less than 500 pounds, and does not manufacture, process, or otherwise use more than 1 million pounds); or
2. if a decimal point is reported in a single column, the facility left that particular cell blank in its Form R submission (a zero in a cell denotes either that the facility reported "0" or "NA" in its Form R submission).

Users of TRI information should be aware that TRI data reflect releases and other waste management of chemicals, not exposure of the public to those chemicals. Release estimates alone are not sufficient to determine exposure or to



Release:
Trends Report

EPA Office of Environmental Information

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TRI On-site and Off-site Reported Releases of XYLENE (MIXED ISOMERS) (in pounds), By KELLY-MOORE/PRESERVATIVE PAINT CO. (TRI ID 98108PRSRV54005)

Are year to year changes comparable?

Row #	Year	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases	Total On- and Off-site Releases
1	1988	276				276		276
2	1989	329				329		329
3	1990	2,822				2,822		2,822
4	1991	1,450				1,450		1,450
5	1992	1,222				1,222		1,222
6	1993	1,056				1,056		1,056
7	1994	255				255		255
8	1995	NA	NA	NA	NA	NA	NA	NA
9	1996	35				35		35
10	1997	30				30		30
11	1998	NA	NA	NA	NA	NA	NA	NA
12	1999	NA	NA	NA	NA	NA	NA	NA

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Note: Reporting year (RY) 1999 is the most recent TRI data available. Facilities reporting to TRI were required to submit RY 1999 data to EPA by July 2000. TRI Explorer is using a "frozen" data set that includes revisions submitted to EPA as of December 28, 2000 for the years 1988 to 1999 (i.e., revisions submitted to EPA after this time are not reflected in TRI Explorer reports). Please access [EPA Envirofacts](#) to view TRI data with the most recent revisions.

Please see [assumptions](#) for revisions submitted by a facility in Pennsylvania in the "no codes" category.

Trend reports include data for prior years and data from "original industries" only after 1997.

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2. if a decimal point is reported in a single column, the facility left that particular cell blank in its Form R submission (a zero in a cell denotes either that the facility reported "0" or "NA" in its Form R submission).



Mr. Kevin Hudson
Plant Manager

RECEIVED
APR 24 1997
DEPT. OF ECOLOGY

April 22, 1997

Department of Ecology
Northwest Regional Office
3190 - 160th Ave. SE
Bellevue, WA 98008-5452

Attn.: Mr. Joe Hickey

Dear Mr. Hickey,

Per our phone conversation on April 21, 1997, I am addressing this letter to you requesting to have our company's name removed from the Leaking Underground Storage Tank list. It had been reported to DOE as leaking product, when actually it was just vapors that had leaked out, as described in the following paragraphs.

In February, 1994, Preservative Paint Company had 10 (ten) UST's tested for tightness. All but one had passed and the person that was in charge at that time notified DOE that we had a leaking underground tank. Further investigation revealed that it was actually vapors, and not product, that had been leaking. DOE assigned a report number, to Preservative, of 15686.

After some investigation, we found that the gasket on the manhole cover had deteriorated and vapors had leaked out. Sometime in May, 1994, the repairs were made, as evidence from the invoice from Pacific Northern Environmental. After repairs were completed, a re-test was performed and the tank passed, see attached certification from Tracer Research Corporation dated July 6, 1994.

In August, 1994, Kelly-Moore Paint Company purchased Preservative Paint Company. In January, 1995 the name was changed to Kelly-Moore/Preservative Paint Company, but I believe that the LUST list will be under Preservative Paint Company.

District Office

5400 Airport Way S., Seattle, WA 98108
(206) 763-0300 • Fax: (206) 767-2251

I would like to thank you for your consideration in this manner. Also, if your decision is to remove our company's name, please notify myself, in writing, so that I may have something for my records.

Sincerely,

A handwritten signature in black ink that reads "Kevin C. Hudson". The signature is written in a cursive style with a large initial "K".

Mr. Kevin Hudson
Plant Manager

cc: Mallie Anderson, DCLU, City of Seattle
Louise Bardy, DOE
Bill Berry, Kelly-Moore Paint Company
Rick Greenhow, Kelly-Moore/Preservative Paint Company
Doug Merrill, Kelly-Moore Paint Company

Tracer Research Corporation



CERTIFICATION

Job Number : 180946

Date : 02/09/94

Location: Preservative Paint Company
5410 Airport Way South
Seattle, WA

TANK #	PRODUCT	SIZE(gal)	TRACER	LEAK STATUS	
				TANK	LINE
Tank 30	Unocal 296	4,000	F	Pass	Pass
Tank 31	UMP 265	4,000	D	Pass	Pass
Tank 32	Uncoal 296	4,000	C	Pass	Pass
Tank 33	Min. Spirits	4,000	F	Pass	Pass
Tank 34	Empty	4,000	D	Pass	Pass
Tank 35	Prop. Glycol	4,000	C	Pass	Pass
Tank 36	Texanol	4,000	F	Pass	Pass
Tank 37	Toluol	4,000	D	Fail	Fail
Tank 38	Xylol	4,000	C	Pass	Pass
Tank 39	Reclmd. Thin.	4,000	F	Pass	N/A

Tracer Research Corporation certifies that the tanks and product distribution lines listed in the above table have been tested by means of Tracer Tight®, which meets the criteria set forth in NFPA 329 for a precision leak test. According to EPA standard test procedures for evaluating leak detection methods, the Tracer Tight® method is capable of detecting leaks of 0.05 gallons per hour with a Probability of Detection (P_D) of 0.97 and Probability of False Alarm (P_{FA}) of 0.029.

Submitted by:

Rob Griffin
Rob Griffin
Tracer Research Corporation

Testers State License Number: W001622 WA

The following criteria are used for the classification of leakage based on the presence or absence of tracer.

PASS

Criteria:

No tracer detected

FAIL

Criteria:

tracer detected

PHASE I
ENVIRONMENTAL SITE ASSESSMENT
FORMER PRESERVATIVE PAINTS
OFFICE BUILDING PARCEL
5502 AIRPORT WAY SOUTH
SEATTLE, WASHINGTON

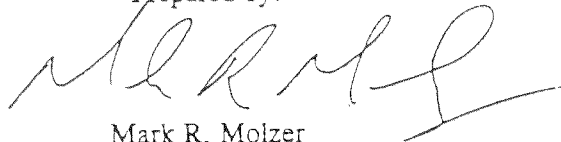
SECOR Project No. 00386-001-01

Submitted by
SECOR International Incorporated

For
Preservative Paints
5400 Airport Way South
Seattle, Washington 98108

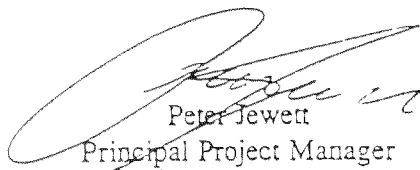
August 29, 1997

Prepared by:



Mark R. Molzer
Environmental Specialist

Reviewed by:



Peter Jewett
Principal Project Manager

Tracer Research Corporation



CERTIFICATION

Job Number: 180946a

Date: 03/11/94

Location: Preservative Paint Co./2450
5410 Airport Way
Seattle, WA

TANK #	PRODUCT	SIZE(gal)	TRACER	LEAK STATUS	
				TANK	LINE
Tank 37	Toluol	4,000	R	Fail	N/A

Tracer Research Corporation certifies that the tanks and product distribution lines listed in the above table have been tested by means of Tracer Tight[®], which meets the criteria set forth in NFPA 329 for a precision leak test. According to EPA standard test procedures for evaluating leak detection methods, the Tracer Tight[®] method is capable of detecting leaks of 0.05 gallons per hour with a Probability of Detection (PD) of 0.97 and Probability of False Alarm (PFA) of 0.029.

Submitted by:


 Ian Harris
 Tracer Research Corporation

Testers State License Number: WOO1622 WA

The following criteria are used for the classification of leakage based on the presence or absence of tracer.

PASS

Criteria:

No tracer detected

FAIL

Criteria:

tracer detected

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FIGURES

- FIGURE 1: Site Location Map
FIGURE 2: Site Plan with Adjacent Properties

APPENDICES

- APPENDIX A: Site Photographs
APPENDIX B: EDR Report
APPENDIX C: Site Assessment for the Closure of an Underground Storage Tank

EXECUTIVE SUMMARY

SECOR International Incorporated (SECOR) has completed this Phase I Environmental Site Assessment (ESA) of the Former Preservative Paint Office Building Parcel located at 5502 Airport Way South, Seattle, King County, Washington, hereinafter referred to as the "site." SECOR was engaged by Preservative Paint to conduct this Phase I ESA as approved in SECOR's proposal No. 001-2745, dated May 30, 1997, in accordance with the American Society for Testing and Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, Designation E 1527-97.

The purpose of the ESA is to make appropriate inquiry into previous ownership and uses of the site consistent with good commercial or customary practice to investigate, determine, and analyze risks associated with the existence of hazardous materials, petroleum products, toxic chemicals in the soil, groundwater, or air at the site. SECOR has attempted to determine if the site has been contaminated by past activities and if the present operations conducted on the site represent a risk of contaminating the site.

The site consists of an approximately 1.47-acre parcel of land located near the northeast corner of Airport Way South and Lucile Street Overpass, Seattle, King County, Washington. The site is located at an elevation of approximately 16-feet above mean sea level with a relatively flat surface that slopes gently to the west (United States Geological Society [USGS] 1983). Interstate 5 is located approximately one-eighth mile to the east of the site. The Duwamish Waterway is located approximately one mile to the west of the site.

At the time of the on-site reconnaissance, the northern portion of the site consisted of graded undeveloped land. A chain-link fence was observed surrounding the northern, western and southern boundaries of the northern portion of the site. The southern portion of the site consisted of an asphalt paved parking lot. Several vehicles were observed parked throughout the asphalt paved parking area.

According to the King County Tax Assessor's Office (KCTA), the site is currently owned by Preservative Paints Company. The KCTA records indicate that the parcel of land for the site has been "killed" and was incorporated into the Preservative Paint parcel.

The site is bordered on the north by Preservative Paint Company manufacturing facility followed by Airport Way South, on the west by Airport Way South followed by Jin's Trading and Distributing, Juba Beverages and Sunglo commercial buildings, on the east by The Burlington Northern Railroad tracks followed by undeveloped land, and on the south by Lucile Street Overpass followed by commercial and industrial developments.

According to Mr. Kevin Hudson, evidence indicating the presence of one underground storage tank (UST) was discovered during the removal of a concrete foundation from the previous office building. SECOR was contracted to provide a closure report for the UST removal. One UST was removed from the site on August 4, 1997. According to the August 25, 1997 report entitled, "Site Assessment for the Closure of an Underground Storage Tank," prepared by SECOR, one 300-gallon UST was removed from the site. Soil samples were collected from the bottom, north, east and west sidewalls of the UST excavation. The soil samples were analyzed for total petroleum hydrocarbons (TPH) in the diesel and heavy oil range by Washington State Department of Ecology (Ecology) Method WTPH-D extended. The results of the chemical analysis of the soil samples revealed no concentrations of petroleum hydrocarbons above Ecology Model Toxics Control Act (MTCA) Method A Clean-up levels of 200 parts per million.

1.0 INTRODUCTION

1.1 PURPOSE

The purpose of this study was to conduct a Phase I Environmental Site Assessment (ESA) of the former Preservative Paint Office Building located at 5502 Airport Way South, Seattle, King County, Washington, hereinafter referred to as the "site" (Figure 1, Site Location Map). The purpose of the ESA is to make appropriate inquiry into previous ownership and uses of the site consistent with good commercial or customary practice to investigate, determine, and analyze risks associated with the existence of hazardous materials, petroleum products, toxic chemicals in the soil, groundwater, or air which may represent recognized environmental conditions¹ to the site. SECOR International Incorporated (SECOR) has attempted to determine if the site has been contaminated by past activities and if the present operations conducted on the site represent a risk of contaminating the site.

1.2 SCOPE OF WORK

As specified by Preservative Paints (Preservative) in SECOR's proposal No: 001-2745, dated May 30, 1997, the scope of services conducted for this Phase I ESA is consistent with the American Society for Testing and Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, Designation E 1527-97. There were no exceptions to, or deletions from, this practice.

¹ For the purpose of this assessment, the term "recognized environmental condition" shall mean 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 on the property. The term includes hazardous substances or petroleum products even under conditions in compliance with the laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of enforcement action if brought to the attention of appropriate governmental agencies (ASTM E 1527-97).

Historical research has indicated that the northern portion of the site was previously developed with an office and storage building. The building was reportedly demolished in July 1997. The building was reportedly utilized by Preservative Paint as an office and storage building from 1987 until July 1997. Prior uses of the building include a union hall from at least 1940 until 1987. The southern portion of the site was previously developed with a structure reportedly used as a auto garage, auto wrecking yard and/or gasoline service station from at least 1936 until at least 1942. The prior use of the southern portion of the site as an auto garage, auto wrecking yard and/or gasoline service station could indicate the possibility that hazardous materials and/or underground storage tanks were used at this portion of the site. No records were found during this ESA to indicated that registered USTs are/were located on this portion of the site; however, regulatory agencies would not tend to have records of USTs which were not registered with the agency.

SECOR identified three Environmental Protection Agency (EPA) Corrective Action (CORRACTS) facilities, one Resource Conservation and Recovery Information System (RCRIS) Treatment, Storage and Disposal (TSD) facility, eleven RCRIS Small Quantity Generator facilities, one RCRIS Large Quantity Generator facility, twenty-two Washington State Department of Ecology (Ecology) Confirmed and Suspected Contaminated Sites (CSCSL) facilities, ten Leaking Underground Storage Tank (LUST) facilities and four Underground Storage Tank (UST) facilities in the site vicinity. A review of local, state and federal environmental agency records did not reveal any source of potential off-site impact to the subject site from the facilities identified in the environmental regulatory database lists with the exception of the Preservative Paint and Burlington Environmental Inc. Georgetown CSCSL facilities. Subsurface soil and groundwater assessments are on-going at each facility. There is a potential that, once identified, groundwater contamination emanating from these facilities could impact the site.

SECOR has completed this Phase I ESA in conformance with the scope of work and limitations of ASTM Practice E-1527 of the Former Preservative Paint Office Building Parcel located at 5502 Airport Way South, Seattle, King County, Washington. There were no exceptions to, or deletions from, this practice. This assessment has revealed recognized environmental conditions:

- The adjacent Preservative Paints manufacturing facility and Burlington Environmental Inc. Georgetown facilities have been designated as Ecology CSCSL sites and defined as contaminate or potential contaminate sources. There is a potential that adverse environmental conditions have occurred to the site by migration of contamination from off-site sources or from past practices. Should a more definitive evaluation of the potential for on-site contamination be required, a Phase II Subsurface Investigation would be required. SECOR recommends that the possible effects on property values and/or environmental liability associated with an off-site source or past on-site practices, and the need of a Phase II Subsurface Investigation, be reviewed by legal counsel.
- Historical use of the southern portion of the site as an auto repair garage, wreacking yard, and/or fuel storage facility.

2.0 SITE DESCRIPTION

2.1 PHYSICAL CONDITIONS

The site consists of an approximately 1.47-acre parcel of land located near the northeast corner of Airport Way South and Lucile Street Overpass, Seattle, King County, Washington. The site is located at an elevation of approximately 16-feet above mean sea level with a relatively flat surface that slopes gently to the west (United States Geological Society [USGS] 1983). Interstate 5 is located approximately 1/8 mile to the east of the site. The Duwamish Waterway is located approximately one mile to the west of the site.

At the time of the on-site reconnaissance, the northern portion of the site consisted of graded undeveloped land where an existing office building had recently been demolished. A chain-link fence was observed surrounding the northern, western and southern boundaries of the northern portion of the site. The southern portion of the site consisted of an asphalt paved parking lot. Several vehicles were observed throughout the asphalt paved parking area (Figure 2, Site Plan with Adjacent Properties).

According to the King County Tax Assessor's Office (KCTA), the site is currently owned by Preservative Paint Co. The KCTA records indicate that the parcel of land for the site has been "killed" and was incorporated into the Preservative Paint parcel.

The site is bordered on the north by the Preservative Paints Company manufacturing facility followed by Airport Way South, on the west by Airport Way South followed by Jin's Trading and Distributing, Juba Beverages and Sunglo commercial buildings, on the east by The Burlington Northern Railroad tracks followed by undeveloped land, and on the south by Lucile Street Overpass followed by commercial and industrial developments.

2.2 GEOLOGIC CONDITIONS

The Puget Sound Region is underlain by Quaternary sediments deposited by a number of glacial episodes. Deposition occurred during a number of glacial advances and retreats which created the existing subsurface conditions. The regional sediments consist primarily of interlayered and/or sequential deposits of alluvial clays, silts, and sands that are typically situated over deposits of glacial till. Outwash sediments consisting of sands, silts, and clays were deposited by rivers, streams, and post-glacial lakes during the glacial retreats. With the exception of the most recent recessional deposits, the outwash sediments have been over consolidated by the overriding ice sheets.

Documented laboratory testing has shown that the permeability of glacial till typically ranges from 10^{-5} to 10^{-7} centimeters per second. This permeability range is considered to be relatively low. Over consolidated clays have a similar range. Sands and gravels have relatively high permeability rates.

The geologic stratum mapped at the site is classified as Alluvium (Yount 1993). This formation typically ranges from clay to gravel, with mud and fine sand most common on the Snohomish and Duwamish River floodplains. Most alluvium is organic rich, sometimes containing interbedded peat. Alluvium is generally water saturated and poorly consolidated. The Alluvium unit overlies deposits of the last (Fraser) glaciation. The alluvium ranges typically from 2 to 10 meters thick, but can occur as much as 80 meters thick in the mouth of the Duwamish River.

2.3 RADON

The western region of the state of Washington is generally considered to have a relatively low potential for significant radon emissions. The Radon Program Section of the Office of Toxic Substances of the Washington State Department of Health has stated that their database contains results from over 6,000 radon tests in the site region. They reported that only nine of these readings were greater than 4 picocuries per liter (pCi/l) with the highest reading of 16 pCi/l and an average of 0.4 pCi/l. They also stated that there was a low probability of serious radon problems in this region. However, radon can be randomly distributed in variable pockets and building construction design can affect concentration levels.

The Environmental Radiation Section of the Washington State Department of Ecology (Ecology) has stated that a 1990-1991 U.S. Environmental Protection Agency (EPA) study indicated that this region has one of the lowest readings recorded across the nation.

Based on regional geologic conditions and published regional testing results, SECOR believes that there is a low probability that radon concentrations present a significant environmental issue at the site.

2.4 HYDROLOGIC CONDITIONS

Groundwater migration in the Puget Sound Region is generally confined to the most recent alluvial deposits and over consolidated sands and gravels. These materials are commonly underlain, and occasionally overlain, by relatively impermeable glacial till deposits. Lateral and vertical migration of the groundwater is impeded by the dense, and relatively impermeable nature of the till and the commonly discontinuous lateral continuity of the aquifer-bearing materials. Perched and discontinuous zones of shallow groundwater may be seasonally and locally present above the impervious till.

Typically, shallow groundwater flow direction can be estimated by examination of the surface topography. Groundwater generally flows from areas of high elevation to areas of low elevation. Shallow groundwater flow usually parallels or migrates toward nearby surface water bodies. Surface features such as streets, utility trenches, and paved areas can locally alter the flow direction of shallow groundwater.

According to environmental reports prepared for facilities within the site vicinity, and from the on-site underground storage tank removal, groundwater exists at depths ranging from five to six feet below ground surface. According to environmental reports prepared for facilities within the site vicinity, groundwater flow direction has been measured to flow in a westerly direction.

The topography of the site slopes gently to the west. Shallow groundwater would be expected to follow the contour of the land to the west; however, SECOR cannot accurately assess site-specific depth or direction of groundwater flow without the installation of groundwater monitoring wells at the site.

2.5 WATER SUPPLY AND SEWER DISCHARGES

Potable water service is supplied to the site by the city of Seattle. The general water supply for the Seattle Metropolitan area is obtained from protected pristine aquifers located throughout the Cascade Mountain Range. Sanitary sewer service is provided to the site by the city of Seattle. The King County Department of Environmental Health (KCDEH) has no file regarding permitted septic systems for the site.

3.0 SITE RECONNAISSANCE

Reconnaissance of the site was conducted by SECOR on August 4, 1997 by Mr. Mark Molzer of SECOR. Access to and a description of the site was provided by Kevin Hudson, Plant Manager with Preservative Paint. Mr. Hudson did not accompany SECOR during the on-site reconnaissance; however, visited the site frequently during the reconnaissance. The purpose of the reconnaissance was to observe the site for areas of potential environmental concern. Photographs taken during the site reconnaissance are presented in Appendix A. The following sections document the site conditions as observed during the reconnaissance.

3.1 CHEMICAL STORAGE AREAS

No chemical storage areas were observed on the site during the reconnaissance.

3.2 CHEMICAL WASTE STORAGE AREAS

No chemical waste storage areas were observed on the site during the reconnaissance.

3.3 WASTEWATER/SOLID WASTE

No wastewater or solid waste was observed on the site during the reconnaissance.

3.4 EVIDENCE OF DUMPING

No evidence of illegal hazardous material disposal or dumping was observed on the site during the reconnaissance.

3.5 USE OF FILL MATERIAL

No evidence of the use of fill material was observed on the site during the reconnaissance.

3.6 SOIL OR GROUNDWATER CONTAMINATION

One underground storage tank (UST) was observed which was being removed from the northeast corner of the site during the reconnaissance. A slight petroleum odor was encountered emanating from the UST excavation pit. This UST is further discussed in Section 3.8 of this report. SECOR conducted a site assessment for the closure of the UST which is attached in Appendix C.

No additional stained soils, stressed vegetation, or evidence of soil or groundwater contamination was observed elsewhere on the site during the reconnaissance.

3.7 STORMWATER

Stormwater runoff on the northern portion of the site appears to collect on-site and flow onto Airport Way South to the west. Stormwater runoff on the southern portion of the site appears to collect in catch basins observed throughout this portion of the site which discharges to Metro. There was no observed evidence of a significant chemical release to the stormwater catch basins.

3.8 UNDERGROUND STORAGE TANKS (USTs) OR SUBSURFACE FEATURES

According to Mr. Kevin Hudson, evidence indicating the presence of one UST was discovered during the removal of a concrete foundation from the previous office building. SECOR was contracted to provide a closure report for the UST removal. One UST was removed from the site on August 4, 1997. According to the August 25, 1997 report entitled "Site Assessment for the Closure of an Underground Storage Tank" prepared by SECOR, one 300-gallon UST was removed from the site. The geology in the vicinity of the UST was identified as dark grey, poorly graded fine to medium grained sand, with trace gravel and lenses of silts. Groundwater was encountered at a depth of approximately five and one-half feet below ground surface during the excavation of the UST.

The report concluded that field screening results indicated that there was no elevated photoionizations (PID) readings or staining within the excavation. Soil samples collected from the bottom, north, east and west sidewalls of the UST excavation. The soil samples were analyzed for Total Petroleum Hydrocarbons (TPH) in the diesel and heavy oil range by Ecology Method WTPH-D extended. The results of the chemical analysis of the soil samples revealed no concentrations of petroleum hydrocarbons above Ecology Model Toxics Control Act (MTCA) Method A Clean-up levels of 200 parts per million. A copy of the SECOR report is presented in Appendix C of this report.

No additional indications of USTs, such as vents, fill ports or dispensers, were observed on the site during the reconnaissance.

3.9 TRANSFORMERS

Electrical service is provided to the site by Puget Sound Energy (PSE), formerly Puget Power. No electrical transformers were observed on the site during the reconnaissance.

3.10 INTERVIEWS

SECOR interviewed Mr. Kevin Hudson, Plant Manager with Preservative Paints. The following information was obtained from the interview:

- Mr. Hudson has been employed with Preservative Paints for 23 years. According to Mr. Hudson, Preservative Paints purchased the site in 1987. Mr. Hudson stated that the northern portion of the site was developed with an office building which Preservative Paints used as an office building. Mr. Hudson stated that the office building was demolished near the end of July 1997. According to Mr. Hudson, the southern portion of the site is used as a parking lot.
- According to Mr. Hudson the office building previously located on the northern portion of the site was developed prior to Mr. Hudson's employment with Preservative Paints. Mr. Hudson stated that prior to 1987, the building was utilized as the Aero Machinist Union Hall. Additionally, Mr. Hudson stated that a service station facility was previously located on the southern portion of the site.
- Mr. Hudson stated that one 1,000-gallon UST containing diesel fuel was removed from the site around 1987. Additionally, Mr. Hudson stated that one UST was recently discovered during the removal of the foundation of the previous office building.

According to Mr. Hudson the recently discovered UST was in the process of being removed. According to Mr. Hudson, this UST might have been used to supply fuel to the boiler of the previous office building.

- To the best of Mr. Hudson's knowledge, there are no sumps, septic systems, dry wells of oil/water separators located on the site.
- Mr. Hudson was unaware of any environmental permits, violations, and/or litigation with regard to the site.
- According to Mr. Hudson, no significant quantities of hazardous materials and/or wastes have been used or stored at the site.
- Mr. Hudson stated that the north adjacent Preservative Paints property was developed in 1908. To the best of Mr. Hudson's knowledge, the adjacent properties to the south, east and west of the site were developed between the early 1900s and 1950s.

4.0 PRELIMINARY ASBESTOS INSPECTION

A preliminary visual asbestos assessment was conducted during the site reconnaissance. No structures, buildings or debris piles were identified on the site during the reconnaissance which could contain asbestos containing materials.

5.0 SITE HISTORICAL REVIEW

The following sections provide an overview of the findings of the historical research conducted for the site. This information was obtained by reviewing documents at the Seattle Public Library and/or the University of Washington Library in Seattle, Washington, or as otherwise indicated.

5.1 USGS TOPOGRAPHIC MAPS

The USGS 7.5 by 15 Minute Seattle South quadrangle was reviewed for the year 1983. One square structure is depicted on the northern portion of the site. A light duty road is depicted extending to the north and east of this structure.

5.2 AERIAL PHOTOGRAPHS

Aerial photographs dated 1936, 1946, 1956, 1960, 1969, 1974, 1977, 1980, 1985, 1990, and 1995 were reviewed at Walker and Associates in Tukwila, Washington. The following information was obtained from the reviewed photographs.

1936

A large L shaped structure is observed on the northern portion of the site. A large rectangular structure is observed on the southern portion of the site. Paved parking areas are observed between the two structures. What is believed to be the Lucile Street Viaduct is observed extending along the northern and eastern boundaries of the site.

1946, 1956, 1960, 1969, 1974, 1977 and 1980

The large L shaped building previously observed on the northern portion of the site appears to have been expanded to a square shaped structure. The large rectangular building previously observed on the southern portion of the site is no longer observed. The southern portion of the site appears to be paved and used as a parking lot. The remainder of the site appears essentially unchanged when compared with the 1936 photograph.

1985, 1990 and 1995

The Lucile Street Viaduct previously observed extending along the northern and eastern boundaries of the site is no longer observed. The remainder of the site appears essentially unchanged when compared with the 1980 photograph.

5.3 KROLL'S ATLASES

Kroll's County Atlases for Seattle were reviewed for the years 1920, 1950, 1960, and 1987. The 1920 atlas depicts two rectangular buildings on the site. The building on the northern portion of the site is depicted as having an address of 5504. The building on the southern portion of the site is depicted as having an address of 5514. The 1950 and 1960 atlases depict one building situated on the northern portion of the site. The building is depicted as having an address of 5500 and 5504. The 1987 atlas depicts a large building on the northern portion of the site. The building is depicted as the Union Hall. The southern

portion of the site is depicted as parking. A roadway is depicted extending along the northern and eastern borders of the site. The roadway is depicted as Not Opened.

5.4 CITY DIRECTORIES

The R.L. Polk City Street Directory (Polks) for the city of Seattle were reviewed for the years 1938, 1940, 1942, 1951, 1961-62, 1971-72, 1981, 1988-89 and 1996. The site address of 5502 Airport Way South was first listed in the 1940 directory. Additional address of 5500, 5504, 5506 and 5514 Airport Way South, believed to be associated with structures previously located on the site were first listed in the 1938 directory. When listed, the site consisted of the following:

- Vacant, 5500 Airport Way South (1938);
- Bowers Ford Service auto repair, 5500 Airport Way South (1940);
- Mechanic SJ-group and meeting, 5502 Airport Way South (1940);
- Aeronautical Industrial Lodge Dist No. 751, 5502 Airport Way South (1942);
- Aero Mechanic Union Local No. LA 3330 MO 1300 Aeronautical Industrial District Lodge No. 751 RA 1300, 5502 Airport Way South (1951 - 1981);
- Preservative Paint Co., 5502 Airport Way South (1988-89);
- Kelly Moore/Preservative Paint, 5502 Airport Way South (1996);
- Southside Fuel Co., 5504 Airport Way South (1938 and 1940);
- Southside Fuel Co., 5506 Airport Way South (1942);
- Vacant, 5514 Airport Way South (1940).

A review of historical city directories has revealed that listed previous occupants of the site may have conducted activities which could potentially have resulted in the use and/or disposal of hazardous materials and/or USTs at the site.

5.5 SANBORN FIRE INSURANCE MAPS

SECOR contracted with E Data Resources, Inc. (EDR) to provide a Sanborn Fire Insurance Map (Sanborn) search for the site. EDR supplied SECOR with Sanborn maps for the site for the years 1929, 1949 and 1967. The 1929 map depicts a large rectangular building on the southern portion of the site. The building is depicted as a Private Garage with wood floors. No additional buildings are depicted on this map. An incline wooden viaduct is depicted extending along the northern and eastern boundaries of the site. The 1949 and 1967 maps depict a large square building on the northern portion of the site. The building is depicted as the Labor Union Office's with concrete floors and wood posts. The rectangular building previously depicted on the southern portion of the site is no longer depicted. The southern portion of the site is depicted as parking.

5.6 LOCAL BUILDING DEPARTMENT

SECOR reviewed building permits at the city of Seattle Building Department (SBD). The following information regarding the site was obtained from the SBD. Building permits were filed for interior alterations in 1980 and 1982. A permit for the installation of a sign was filed in 1983. A building permit was filed to construct additional storage in 1990. No additional permits were available for review at the SBD.

5.7 PREVIOUS ENVIRONMENTAL STUDIES

SECOR was supplied with two previous environmental studies conducted on the site. The first letter report dated November 11, 1988, entitled *Environmental Contamination Assessment, 5502 Airport Way South*, was prepared by SCS Engineers (SCS). The SCS report was prepared to assess the potential for hazardous waste contamination on and within one-mile of the site. As of the date of the SCS report, the site was developed with one building formerly occupied by the Aerospace Machinists Union, and a paved parking lot. The SCS report stated that the southern portion of the site was previously developed with an auto wrecking company building. The SCS report identified the presence of one UST located near the southeast corner of the current building. The UST was apparently not in use and was apparently not removed, backfilled, or properly abandoned. The SCS report concluded that the out-of-service fuel tank should be removed in accordance with city of Seattle Fire Code Regulations, and that the past use of the southern portion of the site as auto wrecking yard might suggest the possibility of subsurface contamination.

SECOR was supplied with copies of documentation indicating the removal of one 3,000-gallon UST previously identified on the site in early 1989. In a letter to the King County Health Department from Preservative Paint, the UST reportedly contained Bunker 'c' heating oil. Samples of the excavated soils were tested and found to contain an average of five parts per million (ppm) hydrocarbons in a mass of approximately 6 cubic yards of glacial sand deposit. The excavated soils were sent off-site to the Cedar Hills Landfill for proper disposal.

The second report dated August 12, 1994, entitled *Phase One Environmental Property Assessment Preservative Paints, 5400-5502 Airport Way South*, was prepared by SEACOR International Incorporated (SEACOR, subsequently renamed SECOR International Incorporated). This SEACOR report was prepared to identify the presence of potential recognized environmental conditions at the Preservative Paints facility. As of the date of the SEACOR report, the site was incorporated into the Preservative Paints facility. The SEACOR report stated that the site was used to store coal, and was probably used as a wrecking yard and/or gasoline service station, with possible USTs, prior to construction of the existing building and parking area. Additionally, the SEACOR report stated that prior to the development of the site, the site was located in a tidal flat area which was regraded with imported fill of an unknown source. The SEACOR report concluded that a Phase II Subsurface Investigation be conducted on the Preservative Paints facility to assess the potential for subsurface contamination.

6.0 SURROUNDING PROPERTIES RECONNAISSANCE

6.1 ADJACENT PROPERTY RECONNAISSANCE

After completing a reconnaissance of the site, the following adjacent properties were observed from public rights-of-ways and/or the site to identify possible areas of environmental concern which may potentially impact the site:

- Lucile Street Overpass followed by commercial/industrial development (south);
- Airport Way South followed by Sunglo, Juba Beverages, Jin's Trading and Distribution and Signet Press commercial facilities (west);
- Preservative Paints manufacturing facility followed by Airport Way South (north); and
- Burlington Northern Railroad tracks followed by a steep hillside and Interstate 5 (east).

6.1.1 Chemical Storage Areas

Several 55-gallon drums and five-gallon pails were observed throughout the Preservative Paints manufacturing facility located to the north of the site. No additional chemical storage areas were observed on the adjacent properties.

6.1.2 Evidence of Dumping

No evidence of dumping of chemical containers or hazardous materials were observed on the adjacent properties.

6.1.3 Soil or Groundwater Contamination

No stained soils, stressed vegetation, or evidence of soil or groundwater contamination were observed on the adjacent properties.

6.1.4 Stormwater

There was no observed evidence indicating significant adverse environmental conditions at the site resulting from stormwater runoff from adjacent properties.

6.1.5 Underground Storage Tanks

No indications of USTs, such as fill pipes, vent pipes or fuel dispensers, were observed on the adjacent properties.

6.1.6 Transformers

Transformers on adjacent properties are not expected to create significant adverse environmental conditions at the site based on their size and remote distance from the site.

6.2 SITE VICINITY RECONNAISSANCE

Topography in the site vicinity appears to slope gently to the west. Based on the area topography, shallow groundwater flow direction in the site vicinity would appear to follow the same contour. Development in the site vicinity consists of commercial and industrial facilities. Several of these facilities in the site vicinity have undergone investigation for environmental regulatory compliance (refer to Section 8.0).

7.0 ADJACENT PROPERTIES HISTORICAL REVIEW

The following sections provide an overview of the findings of the historical research conducted for the site vicinity. This information was obtained by reviewing documents at the Seattle Public Library and/or the University of Washington Library in Seattle, Washington, or as otherwise indicated.

7.1 USGS TOPOGRAPHIC MAPS

The USGS 7.5 by 15 Minute Seattle South quadrangle was reviewed for the year 1983. One structure is depicted to the north of the Lucile Street Viaduct. Four structures are depicted to the west of Airport Way South. One small and one large structure are depicted to the south of the Lucile Street Overpass. Several rail spurs and Interstate 5 are depicted to the east of the site.

7.2 AERIAL PHOTOGRAPHS

Aerial photographs dated 1936, 1946, 1956, 1960, 1969, 1974, 1977, 1980, 1985, 1990, and 1995 were reviewed at Walker and Associates in Tukwila, Washington. The following information was obtained from the reviewed photographs.

1936 and 1946

Several large structures are observed to the north of the site. Railroad tracks are observed to the east of the site. A large structure is observed to the south of the site. Airport Way South is observed to the west of the site. Three large structures are observed to the west of Airport Way South.

1956 and 1960

The facility to the north of the site appears to be expanded. The remainder of the adjacent properties essentially appear unchanged when compared with the 1946 photograph.

1969, 1974, 1977, and 1980

Interstate 5 is observed to the east of the railroad tracks east of the site. The remainder of the adjacent properties appear essentially unchanged when compared with the 1960 photograph.

1985, 1990, and 1995

The Lucile Street Overpass is observed to the south of the site. The remainder of the adjacent properties appear essentially unchanged when compared with the 1980 photograph.

7.3 KROLL'S ATLASES

Kroll's County Atlases for Seattle were reviewed for the years 1920, 1950, 1960, and 1997. The 1920 atlas depicts three buildings north of the site. Burlington Northern Railroad tracks are depicted east of the site. Duwamish Avenue followed by four buildings are depicted west of the site. The four buildings west of Duwamish Avenue are depicted as having addresses of 5503, 5505, 5511, 5513, and 5515. The 1950 and 1960 atlases depict a large building and a small building north of the site. The two buildings are depicted as having addresses of 5410 and 5422. The Lucile Street Overpass is depicted south of the site.

A service station is depicted further south of the Lucile Street Overpass. Three buildings are depicted west of Duwamish Avenue. The three buildings are depicted as having addresses of 5503, 5511, 5513 and 5515. The 1987 atlas depicts a large building north of the site. The building is depicted as Preservative Paints. The service station building is no longer depicted south of the site. One additional building is depicted west of Duwamish Avenue. The building is depicted as the USPO.

7.4 CITY DIRECTORIES

The Polks for the city of Seattle were reviewed for the years 1938, 1940, 1942, 1951, 1961-62, 1971-72, 1981, 1988-89, and 1996. When listed in the directories reviewed, the adjacent properties consisted of the following:

South

Douglas MN gas station, 5526 Airport Way South (1938 and 1940);
Miller GA and Son gas station, 5526 Airport Way South (1942);

North

Preservative Paints, 5410 Airport Way South (1938 - 1996).
Pacific Coast Coal Co. Yard, 5422 Airport Way South (1940 - 1951).

East

Not Listed

West

Vacant, 5501 Airport Way South (1938);
Quality Roofing and Siding Company, 5501 Airport Way South (1951);
Haywood Cutter Head Inc., 5501 Airport Way South (1961-62);
Chemical Processors, 5501 Airport Way South (1971-72 and 1981);
Vacant, 5501 Airport Way South (1988-89).

Don's Cafe, 5503 Airport Way South (1938 and 1940);
Forsman Bent, 5503 Airport Way South (1971-72 - 1988-89);
Sunglo Shade and Draping Co., 5503 Airport Way South (1996).

Bertoldi Albert beer parlor, 5511 Airport Way South (1938 - 1942);
Beanie's Blues Tavern, 5511 Airport Way South (1951 - 1981);
Georgetown Upholsteries, 5511 Airport Way South (1988-89);
Ziegler Michael, 5511 Airport Way South (1996).

O'Leary Michael shoe repair, 5513 Airport Way South (1938 and 1940);
Aero Mechanic Newspaper office, 5513 Airport Way South (1942);
Chicago Pharmacal Co., 5513 Airport Way South (1951);
Lange EG and Co. genl mdse., 5513 Airport Way South (1961-62);
Vacant, 5513 Airport Way South (1971-72 and 1981);
Sunglo, 5513 Airport Way South (1988-89);
Juba Beverages Corp., 5513 Airport Way South (1996).

Georgetown Lumber, 5515 Airport Way South (1938 - 1942);
Airport Hardware, 5515 Airport Way South (1951 - 1971-72);
Sullivan John J. Memorial Building, 5515 Airport Way South (1981 and 1988-89);
Gemini Enterprises, Jin Trading and Distribution Co., Young Printing, 5515 Airport Way South
(1996).

Georgetown Post Office, 5527 Airport Way South (1951 - 1971-72);
Hope Lodge No. 79, 5527 Airport Way South (1981);
Vacant, 5527 Airport Way South (1988-89);
Signet Press, 5527 Airport Way South (1996).

7.5 SANBORN FIRE INSURANCE MAPS

SECOR contracted with EDR to provide a Sanborn search for the adjacent properties. EDR supplied SECOR with Sanborn maps for the adjacent properties for the years 1929, 1949 and 1967. The 1929, 1949, and 1967 maps depict the Preservative Paint Company facility to the north of the site. The 1929, 1949, and 1967 maps depict rail spurs to the east of the site. The 1929 and 1949 maps depict four small structures to the south of the site. The 1929, 1949, and 1967 maps depict several structures to the west of Airport Way South.

8.0 ENVIRONMENTAL RECORDS REVIEW

8.1 REGULATORY AGENCY LIST REVIEW

A review of environmental regulatory agency lists was performed by EDR under contract to SECOR. A copy of the EDR report is presented in Appendix B. EDR reviewed the following regulatory agency lists in accordance with ASTM standards:

- EPA National Priority List (NPL), April 1, 1997;
- EPA Region X Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), April 30, 1997;
- EPA Resource Conservation and Recovery Information System (RCRIS), which includes treatment, storage and disposal (TSD) facilities and small and large quantity generators, April 1, 1997;
- EPA Corrective Action Report (CORRACTS), December 1, 1996;
- Emergency Response Notification System database (ERNS), March 1, 1997;
- Ecology Confirmed and Suspected Contaminated Sites Report (CSCSL), June 9, 1997;
- Ecology Hazardous Sites List (HSL), February 20, 1997;
- Ecology Leaking Underground Storage Tank List (LUST), May 1, 1997;
- Ecology Underground Storage Tank List (UST), May 1, 1997; and
- Ecology Municipal Solid Waste Facilities (SWF/LF), June 13, 1996.

EDR searched the NPL, CORRACTS, CSCSL, HSL and RCRIS TSD facilities lists for facilities located within a one mile radius of the site. A one-half mile radius was used for the CERCLIS, LUST and SWF/LF lists. A one-quarter mile radius was used for the UST list and the RCRIS generators databases. The ERNS database was searched for the subject site.

SECOR identified several facilities listed on the environmental regulatory database lists which include twenty-two CSCSL facilities, one RCRIS TSD facilities, three CORRACTS facilities, ten LUST facilities, four UST facilities, eleven RCRIS Small Quantity Generators and one RCRIS Large Quantity Generator in the site vicinity.

NPL List

The NPL list identifies facilities classified as Superfund facilities which are eligible for federal clean-up assistance. There were no facilities located within a one mile radius of the site identified on this list.

CERCLIS List

The CERCLIS list identifies facilities that are under review for inclusion in the Superfund program. There were no facilities located within a one-half mile radius of the site identified on this list.

RCRIS List

The RCRIS list identifies generators and TSD facilities of hazardous wastes which are registered with the state. Facilities that generate less than 100-kilograms per month of non-acutely hazardous waste are classified as conditionally exempt generators. Facilities that generate between 100-and 1,000-kilograms per month of non-acutely hazardous waste are classified as small quantity generators. Facilities that generate at least 1,000-kilograms per month of non-acutely hazardous waste or 1 kilogram per month of acutely hazardous waste are classified as large quantity generators.

There was one TSD facility located within a one mile radius of the site identified this list. It is as follows:

Ref. No.	Facility	Address	Violation Status	Date of Compliance
1	Burlington Environmental Inc. Georgetown	734 S. Lucile St.	Eleven (11) Violations Found	07/17/95 03/30/95 08/31/94 05/14/93 08/20/92 07/18/90 07/13/89 09/29/87 07/04/94 09/29/87 09/29/87

Reference No. 1 is further discussed in Section 8.2 of this report.

There were eleven RCRIS Small Quantity and one RCRIS Large Quantity Generator facilities located within a one-quarter mile radius of the site identified on this list. They are as follows:

Ref. No.	Facility	Address	Violation Status	Date of Compliance
1	Breese Jones Refinishes	5626 Airport Way S.	No Violations Found	--
2	Pioneer Enamel Mfg. Co. Inc.	5531 Airport Way S.	No Violations Found	--
3	Western Trailer Repair	745 S. Lucile St.	No Violations Found	--
4	Burlington Resources	7777 Perimeter Rd. Hangar B.	One (1) Violation Found	08/01/90

Ref. No.	Facility	Address	Violation Status	Date of Compliance
5	Burlington Environmental Inc. Georgetown	734 S. Lucile St.	Eleven (11) Violations Found	07/17/95 03/30/95 08/31/94 05/14/93 08/20/92 07/18/90 07/13/89 09/29/87 07/04/94 09/29/87 09/29/87
6	Preservative Paint Co.	5410 Airport Way S.	No Violations Found	--
7	Amalgamated Sugar Co.	5400 Denver Ave. S.	No Violations Found	--
8	Seattle Commercial Finishing	5700 Corson Ave. S.	No Violations Found	--
9	Industrial Magic	927 S. Homer St.	No Violations Found	--
10	GE Co Seattle Lucile	637 S. Lucile St.	No Violations Found	--
11	Valco Graphics Inc.	674 Orcas St.	No Violations Found	--
12	Olympic Foundry	5200 Airport Way S.	No Violations Found	--

Reference Nos. 1, 3, 4, 7, and 9 - 12 do not have reported current violations with regard to the RCRA Small or Large Quantity Generator status. Due to the lack of known current violations at these facilities, these facilities would not appear to represent a recognized environmental condition to the site.

Reference Nos. 2, 5, 6, and 8 are further discussed in Section 8.2 of this report.

CORRACTS List

The CORRACTS list identifies hazardous waste handlers with RCRA corrective action activity. There were three CORRACTS facilities located within a one mile radius of the site. They are as follows:

Ref. No.	Facility	Address	Latest Status
1	Burlington Environmental Inc. Georgetown	734 S. Lucile St.	Stabilization Measures Implemented
2	General Electric Co. Seattle Dawson	220 S. Dawson St.	RCRA Facility Assessment Completed
3	Great Western Chemical Co. Seattle	6900 Dox Ave. S.	Referred to a Non-RCRA Authority

Reference Nos. 2 and 3 are located greater than one-half mile from the site. Due to the distance of these facilities from the site, these facilities would not appear to represent a recognized environmental condition to the site.

Reference No. 1 is further discussed in Section 8.2 of this report.

ERNS List

The ERNS list provides information on releases of oil and hazardous substances that have been reported to federal authorities. There were no incidents for the subject site identified on this list.

CSCSL List

The CSCSL list provides information on facilities that are subject to investigation concerning confirmed or suspected releases of hazardous substances. The CSCSL list is the states' equivalent to CERCLIS. These sites may or may not be listed on the federal CERCLIS list. The HSL list is a subset to the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM). A ranking score of 1 indicates the highest assessed risk to human health and the environment. A ranking score of 5 indicates the lowest assessed risk to human health and the environment. There were twenty-two facilities located within a one mile radius of the site identified on this list. Facilities located within a one-half mile radius of the site are as follows:

Ref. No.	Facility	Address	Status	WARM Ranking
1	Pioneer Enamel Mfg Co. Inc.	5531 Airport Way S.	Awaiting Remedial Action	5
2	Preservative Paint Co.	5410 Airport Way S.	Awaiting Site Hazard Assessment	Not Reported
3	Seattle Commercial Finishing Inc.	5700 Corson Ave. S.	Awaiting Site Hazard Assessment	Not Reported
4	Sahlberg Equipment	5950 4th Ave. S.	Independent Remedial Action	Not Reported

Reference No. 4 is located greater than one-quarter mile from the site. Due to the distance of this facility from the site, this facility would not appear to represent a recognized environmental condition to the site.

Reference Nos. 1, 2, and 3 are further discussed in Section 8.2 of this report.

The remaining 18 facilities are located greater than one-half mile from the site. Due to the distance of these facilities from the site, these facilities would not appear to represent a recognized environmental condition to the site. A complete list of these facilities is presented in Appendix B of this report.

LUST List

The LUST list presents limited information regarding facilities with reported releases from underground storage tanks. There were ten facilities located within a one-half mile radius of the site identified on this list. Facilities located within a one-quarter mile radius of the site are as follows:

Ref. No.	Facility	Address	Location	Status
1	Preservative Paint Co.	5410 Airport Way S.	Adjacent North	Clean-up Started
2	PNB Building	707 S. Orcas St.	1/8 to 1/4 Mile Southwest	Reported Cleaned-up

Reference No. 2 has been assigned a Reported Cleaned-up Status, indicating that this facility has sufficiently met Ecology Clean-up Standards, thereby minimizing the potential for this facility to represent a recognized environmental condition to the site.

Reference No. 1 is further discussed in Section 8.2 of this report.

The remaining eight facilities are located greater than one-quarter mile from the site. Due to the distance of these facilities from the site, these facilities would not appear to represent a recognized environmental condition to the site. A complete list of these facilities is presented in Appendix B of this report.

UST List

The UST list identifies facilities which have reported possession of USTs. Inclusion on this list does not indicate that a release has occurred from a UST. Facilities with reported releases from USTs should be present on the LUST list. There were four facilities located within a one-quarter mile radius of the site identified on this list. They are as follows:

Ref. No.	Facility	Address	Tank Status
1	Chemical Processors Inc.	734 S. Lucile St.	20 - Closed in Place
2	Preservative Paint Co.	5410 Airport Way S.	14 - Operational 1 - Closed in Place
3	The Amalgamated Sugar Co.	5400 Denver Ave. S.	3 - Removed
4	Olympic Foundry	5200 Airport Way S.	1 - Removed 2 - Unknown

Reference Nos. 1, 3, and 4 do not appear on the LUST list. Due to the lack of evidence of a reported release at these facilities, these facilities would not appear to represent a recognized environmental condition to the site.

Reference No. 2 is further discussed in Section 8.2 of this report.

SWF/LF List

The SWF/LF list identifies solid waste facilities and landfills. There were no facilities located within a one-half mile radius of the site identified on this list.

8.2 ECOLOGY FILE REVIEW

Ecology's Northwest Regional Office was contacted for information regarding the following facilities.

Site

No listings for the site were retained at Ecology.

Adjacent Properties

Preservative Paints Company manufacturing facility, 5410 Airport Way South

The following information was obtained from a review of the Ecology files for this facility. According to a 1985 memo from Metro to Preservative Paint, a total of ten USTs are located at this facility. Four of the USTs were replaced in 1984 and the remaining six were scheduled to be replaced in 1985. An Ecology inspector noted viable contamination on the groundwater in the UST excavation pit. A sample of the groundwater was collected and analytical results revealed elevated levels of metals above the minimum discharge allowances by Metro.

According to a December 12, 1988, EPA letter to Preservative Paint, Preservative Paint was given a status of No Further Action under the CERCLIS program.

A copy of a February 9, 1994, tank tightness test conducted on each of the ten USTs was available for review in Ecology files. The results of a Tracer tank tightness test indicated that each of the USTs passed the tightness test with the exception of one 4,000-gallon UST containing toluol. Preservative Paint was placed on the LUST list following the results of the tank tightness test.

According to an April 21, 1994, Ecology UST Notice of Confirmed Release inspection report, soil samples were collected at depths of three and six feet bgs from two soil bore holes at this facility. Soil samples were analyzed for toluene. Analytical results revealed the presence of toluene in the subsurface soils at levels of 91 to 95 ppm, above Ecology MTCA Method A Clean-up levels of 40 ppm.

According to an April 22, 1997, letter from Preservative Paint to Ecology, Preservative Paint is requesting to be removed from the LUST list. According to the letter, Preservative Paint conducted further investigation on the UST which failed the tank tightness test. Results of the further investigation revealed that vapors, not product, was leaking from a deteriorated manhole gasket on this UST. The letter stated that the Preservative Paint made appropriate repairs on the UST. The UST was re-tested and passed.

Based on the reviewed information regarding this facility, which indicates that toluene was detected in soil samples above MTCA Method A Clean-up levels, there is a potential for this facility to represent a recognized environmental condition to the site.

Sites Within the Radius Distance

Burlington Environmental Inc. Georgetown (Chempro Chemical Processors), 734 S. Lucile Street

The following information was obtained from a review of the Ecology files for this facility. The Burlington Environmental Inc. Georgetown file reviewed at Ecology was extensive. SECOR focused on the obtaining

the most recent information regarding the current status of soil and/or groundwater contamination emanating from this facility. According to a July 30, 1990 report entitled "Proposed Work Plan Chempro Georgetown Facility Phase III (off-site) Hydrogeologic Investigation", prepared by Sweet-Edwards/EMCON, Inc., the Chempro facility is used as a storage and treatment facility for dangerous wastes. Previous studies conducted at this facility have identified the presence of chemical constituents, including, volatile organic compounds (VOCs), base/neutral/acid extractable organic and metal concentrations, benzene, toluene, ethylbenzene and xylene (BTEX), polychlorinated biphenyls (PCBs), and polynuclear aromatic hydrocarbons (PAHs) in the soil and groundwater beneath this facility.

According to a March 1997 report entitled, "Georgetown Groundwater Interim Measure Technology Evaluation," EPA has required Phillips Environmental to expand the interim measure at the Georgetown facility to address contaminated groundwater. To date, interim measures have consisted of soil vapor extraction and remediating un-saturated soils beneath the North Field at this facility. This report summarized the first stages to address the off-site migration of contaminated groundwater. Investigative actions will include the installation of off-site monitoring wells. Investigative and remedial work is on-going at this facility.

Based on the available information regarding this facility, there is a potential for this facility to represent a recognized environmental condition to the site. An assessment of the groundwater plume is on-going at this facility. There is a potential that, once identified, groundwater contamination emanating from this facility could impact the site.

Pioneer Enamel Mfg. Co. Inc., 5531 Airport Way S.

The following information was obtained from a review of the Ecology files for this facility. According to an Ecology Site Identification form, soil samples collected from mixed waste and soil at this facility exhibited cadmium, lead and zinc contamination in excess of clean-up levels. Groundwater contamination was not addressed.

According to a July 8, 1993, letter from the King County Department of Health to Ecology, this facility has been declared a state hazardous waste site by Ecology. The Department of Health concluded that this facility does not present a significant hazard to public health at this time. No additional information regarding this facility was available for review at Ecology.

Based on the location and available information regarding this facility, the risk of significant environmental impact from this facility to the site is low.

Seattle Commercial Finishing Inc., 5700 Corson Avenue S.

The following information was obtained from a review of the Ecology files for this facility. According to a January 17, 1991 letter from Ecology to Seattle Commercial Finishing Inc., the results of an October 2, 1990 Ecology investigation resulted in the addition of this facility to the CSCSL list. The 1990 Ecology investigation consisted of the collection of soil samples from this facility. Levels of nickel, cadmium, chromium, copper, arsenic and cyanide above MTCA Clean-up standards were detected in the soil samples analyzed. No additional information regarding this facility was available for review at Ecology.

Based on the location and available information regarding this facility, the risk of significant environmental impact from this facility to the site is low.

8.3 FIRE DEPARTMENT RECORDS

SECOR contacted a representative with the city of Seattle Fire Marshall's Office (SFM) for information regarding USTs or hazardous material incident records for the site. A representative with the SFM stated that the SFM has no information regarding current or decommissioned USTs for the site.

9.0 CONCLUSIONS

SECOR has completed this Phase I ESA of the Former Preservative Paint Office Building Parcel located at 5502 Airport Way South, Seattle, King County, Washington. SECOR was engaged by Mr. Kevin Hudson, Preservative Paint to conduct this Phase I ESA as approved in SECOR's Proposal No. 001-2745, dated May 30, 1997, in accordance with ASTM *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, Designation E 1527-97. The purpose of the ESA is to make appropriate inquiry into previous ownership and uses of the site consistent with good commercial or customary practice to investigate, determine, and analyze risks associated with the existence of hazardous materials, petroleum products, toxic chemicals in the soil, groundwater, or air at the site. SECOR has attempted to determine if the site has been contaminated by past activities and if the present operations conducted on the site represent a risk of contaminating the site.

This assessment has revealed recognized environmental conditions:

- The adjacent Preservative Paints manufacturing facility and Burlington Environmental Inc. Georgetown facilities have been designated as Ecology CSCSL sites and defined as contaminate or potential contaminate sources. There is a potential that adverse environmental conditions have occurred to the site by migration of contamination from off-site sources or from past practices. Should a more definitive evaluation of the potential for on-site contamination be required, a Phase II Subsurface Investigation would be required. SECOR recommends that the possible effects on property values and/or environmental liability associated with an off-site source or past on-site practices, and the need of a Phase II Subsurface Investigation, be reviewed by legal counsel.
- Historical use of the southern portion of the site as an auto repair garage, wrecking yard, and/or fuel storage facility.

ENTERED
7-7-98

cp

DEPARTMENT OF ECOLOGY	
NWRO/TCP TANKS UNIT	
INTERIM CLEANUP REPORT	<input type="checkbox"/>
SITE CHARACTERIZATION	<input checked="" type="checkbox"/>
FINAL CLEANUP REPORT	<input type="checkbox"/>
OTHER _____	<input type="checkbox"/>
AFFECTED MEDIA: SOIL	<input checked="" type="checkbox"/>
OTHER _____ GW	<input checked="" type="checkbox"/>
INSPECTOR (INIT.) <u>SB</u>	DATE <u>6/30/98</u>

SECOR
International Incorporated

RECEIVED
JUN 23 1998
DEPT. OF ECOLOGY

UNDERGROUND STORAGE TANK CLOSURE
SITE ASSESSMENT
KELLY-MOORE PRESERVATIVE PAINT COMPANY
5400 AIRPORT WAY SOUTH
SEATTLE, WASHINGTON

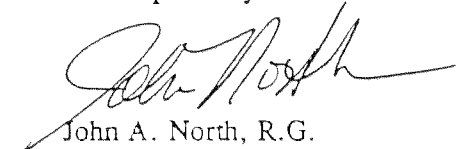
SECOR PN: 00386-001-04

Submitted by
SECOR International Incorporated

For
Mr. Kevin Hudson
Kelly-Moore Preservative Paint Company
5400 Airport Way South
Seattle, Washington 98108

June 18, 1998

Prepared by:


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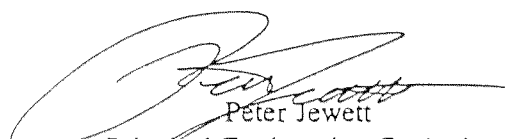

Peter Jewett
Principal Engineering Geologist

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FIGURES

FIGURE 1: Site Location Map

FIGURE 2: Site Plan with Excavation Limits and Sampling Locations

TABLES

TABLE 1 Summary of UST Contents

TABLE 2 Summary of Soil Sample Collection Details

TABLE 3 Summary of Analytical Data - Soil

TABLE 4 Summary of Analytical Data - Soil VOC Analysis

APPENDICES

APPENDIX A: UST Closure Forms and Disposal Certification Forms

APPENDIX B Dewatering Discharge Authorization

APPENDIX C Soil Disposal Certification

APPENDIX D: Laboratory Results and Chain-of-Custody Forms

1.0 INTRODUCTION

This report documents the decommissioning by removal of 14 underground storage tanks (USTs) at the Kelly-Moore Preservative Paint Company (KMPP) facility located at 5400 Airport Way South in Seattle, Washington (Figure 1). This report has been prepared by SECOR International Incorporated (SECOR) on behalf of KMPP.

SECOR was engaged by KMPP to document decommissioning the USTs and to collect soil samples in accordance with the procedures outlined in the Washington State Department of Ecology (Ecology) *Guidance for Site Checks and Site Assessments for Underground Storage Tanks*, dated February, 1991 (Revised October, 1992). The approved scope of work included collection of soil samples, field documentation of UST closure and assessment activities, providing guidance regarding discharge of dewatering fluids, and preparation of this closure report. Saybr Contractors, Inc. (Saybr) provided UST decommissioning services and Coastal Tank Cleaning, Inc. of Washington provided UST disposal services. Quantitative chemical analysis of soil samples was provided by North Creek Analytical (NCA) of Bothell, Washington.

The site is located in a heavily industrialized area of Seattle, Washington. A review of city of Seattle records indicates the property is zoned for industrial use. The site and surrounding area were developed at the turn of the century by filling tidal flats with imported fill. SECOR was unable to locate any documentation regarding the origin of the fill material used during the original regrading of the area.

1.1 SITE DESCRIPTION

The KMPP office, production facility, and retail outlet is located at 5400/5410 Airport Way South in Seattle, Washington hereinafter referred to as the site (Figure 1). The site is bounded by Airport Way and industrial/commercial properties to the west, Burlington Northern Railroad tracks to the east, the Airport Way railroad overpass to the north, and a vacant lot owned by KMPP to the south. King County International Airport (Boeing Field) is located approximately one-half mile south of the site. The site is flat with local topography sloping upwards to the east, across the railroad tracks. The nearest body of surface water is the Duwamish River, located approximately one mile southwest of the site (Figure 1).

The KMPP production facility is an active paint manufacturing and packaging complex. The two story production building and surrounding area are set on a concrete slab with roof drains which discharge to catch basins connected to the METRO sewer system. Paint manufacturing ingredients stored at the site include solvents, resins, and dry ingredients. Solvents and resins are primarily stored in USTs and above ground storage tanks (ASTs) located on the south side of the production facility. The contents of the USTs are piped through a pumping station to production points throughout the facility.

The 14 USTs which were decommissioned during this scope of work were installed in 1985 as part of a facility upgrade. Six USTs containing paint manufacturing components were reportedly removed from the site in 1985. The six USTs were located in the area occupied by USTs T30 through T34 (Figure 2). Information regarding decommissioning of the first set of USTs was not provided to SECOR.

1.2 GEOLOGIC SETTING

The geology of the area consists of fluvial deposits which are comprised of interbedded layers of sands, silts, and silty sands. Overlying the fluvial sediments is a thick layer of fill material placed near the turn of the century typically consisting of dredged sediments. Subsurface investigations conducted by others in the vicinity (EMCON 1988, 1990) have delineated four distinct stratigraphic units within the fluvial sediments. The units have been described from upper to lower as:

- Sand: dark gray, poorly graded fine to medium grained, with trace gravel and lenses of silts.
- Interbedded silty sand and sandy silt: olive gray, fine to very fine grained, with lenses of fine sand, silty sand and sandy silt.
- Silt: olive gray with trace clay, some fine sand.
- Sandy silt and silty sand with gravel: green to brown olive with interbedded lenses of silty sand.

It appears that the sand unit may be comprised of imported fill materials placed prior to site development. The results of the subsurface investigations conducted in the vicinity are consistent with regional geologic mapping.

1.3 HYDROLOGIC SETTING

The majority of the site and surrounding area is paved and storm runoff and surface water are directed to a storm water conveyance system which discharges to the METRO sewer system. Groundwater was encountered in the UST excavation during removal of USTs No. T30 through T34 at a depth of approximately eight feet below ground surface (bgs) in sandy soil and fill material. Groundwater was not encountered during removal of the remaining USTs. Shallow groundwater is expected to flow generally to the west and based on land use in the vicinity of the site, use of groundwater as a potable supply is considered unlikely.

2.0 FIELD ACTIVITIES

Decommissioning of 14 USTs at the KMPP site was completed in a staged approach based on the number of USTs, the limited amount of available space, and KMPP's requirement that production not be impeded. The 14 USTs were used for storage of xylene, mineral spirits, paint thinner, and resins used in paint manufacturing. A summary of UST sizes and contents is presented in Table 1.

The first phase of UST closure began on November 5, 1997 with the removal of five USTs (Nos. T30, T31, T32, T33, and T34). A second set of five USTs (Nos. T35, T36, T37, T38, and T39) were removed on November 21, 1997. The final phase of UST removal occurred on March 18, 1998 with removal of four USTs (Nos. T21, T22, T23, and T24). A site plan showing UST locations relative to on-site structures is presented in Figure 2.

A SECOR geologist registered with the state of Washington to perform underground storage tank site assessments was on-site during all phases of UST decommissioning to observe decommissioning of each UST, collect site assessment soil samples, and confirm UST disposals. Activities performed by SECOR are detailed below.

2.1 UST REMOVAL AND SOIL SAMPLING

First Phase - UST Nos. T30 through T34

On November 5, 1997, SECOR personnel observed removal of the concrete slab and removal of USTs Nos. T30 through T34. Following removal of the USTs, SECOR personnel collected representative soil samples from the east (S-1), north (S-2 and S-3), and west (S-4) excavation sidewalls. Soil samples were not collected from the excavation floor as there was standing water in the excavation at the time of UST removal. Two, two-part composite soil samples (S-5 and S-6) were also collected from a stockpile of approximately 50 cubic yards of soil removed from the vicinity of the USTs. A summary of soil sample details is presented in Table 2.

⁵
The USTs removed on November 5, 1997 were constructed of single-wall steel with a corrosion resistant coating and were fitted with sacrificial anodes. Each UST measured approximately 17.5 feet in length by 6.25 feet in diameter (approximately 4,000 gallons). The USTs appeared to be in sound condition with no evidence of severe corrosion or leaks. The USTs were reportedly installed in approximately 1985. Saybr contracted with Coastal Tank Cleaning for removal and disposal of the USTs. Copies of the UST Disposal Certification are included in Appendix A.

The UST excavation was extended to a maximum depth of approximately nine feet bgs. Subsurface soil encountered in the excavation consisted of brown to gray silty sand and sand. A strong hydrocarbon-like odor was noted in soils removed from the perimeter of the UST excavation. Measurements of volatile organic vapor concentrations associated with soil samples collected from the excavation were made using a photoionization detector (PID). PID measurements ranged from 0 to approximately 150 parts per million (ppm).

Fill soils in contact with the USTs were observed to be a lighter color and were considered to be fill placed when the USTs were installed in 1985. Darker colored soil encountered at the perimeter of the excavation, in contact with the fill material adjacent to the USTs, was considered representative of soil which had surrounded the USTs removed in 1985. Based on field observations and the condition of the USTs at the time of UST decommissioning, impacts to subsurface soil were considered to be associated with a release or releases from the USTs which were removed in 1985. Standing water observed in the excavation was observed to have a slight hydrocarbon-like sheen on the surface.

On November 17, 1997, SECOR personnel collected three additional stockpile soil samples (S-7, S-8, and S-9) as an additional 150 cubic yards of soil removed from the vicinity of USTs T30 through T34 had been added to the existing stockpile. The soil stockpile samples were collected to document soil quality prior to coordination of disposal. Analysis of soil samples is discussed in Section 3.

Second Phase – UST Nos. T35 through T39

On November 21, 1997, a second set of USTs (T35, T36, T37, T38, and T39) was decommissioned and removed from the site. SECOR personnel observed soil excavation associated with removal of the USTs and collected representative soil samples from the excavation floor and sidewalls. The excavation extended to a maximum depth of approximately seven feet bgs. Groundwater was not encountered during excavation and removal of the USTs. SECOR personnel collected soil samples S-10 through S-14 from the floor of the excavation beneath the fill ends of USTs T35, T36, T37, T38, and T39, respectively. SECOR personnel also collected soil samples S15, S-16, and S-17 from the west, east, and south excavation sidewalls, respectively. Soil sample locations are presented in Figure 2.

SECOR personnel observed discolored soil and noted strong hydrocarbon-like odors associated with soils removed from the vicinity of the USTs T35 through T39. Each UST appeared to be in sound condition with no evidence of severe corrosion or leaks. SECOR personnel observed that subsurface soil in contact with the USTs did not appear to have been impacted and that impacted soil encountered in the excavation appeared to be associated with the USTs removed in 1983.

Visually impacted soil was removed from the excavation and loaded directly into trucks for hauling to an off-site disposal facility in conjunction with hauling of the existing soil stockpile generated during excavation and removal of USTs T30 through T34. Soil disposal is discussed in more detail in Section 2.3.

Third Phase – USTs T21 through T24

On March 18, 1998, SECOR personnel observed excavation and removal of USTs T21, T22, T23, and T24 from a common excavation. Each UST measured approximately 19.5 feet long by 8 feet in diameter (approximately 7,300 gallons) and contained resins used in paint manufacturing. SECOR personnel collected six soil samples from the excavation sidewalls at locations presented in Figure 2. The excavation was extended to a maximum depth of approximately 10 feet bgs and standing water encountered in the excavation precluded collection of excavation floor samples. SECOR personnel did not detect hydrocarbon-like odors or discolored soil in the excavation. Soil removed from the excavation during UST decommissioning was returned to the excavation as backfill.

2.2 EXCAVATION DEWATERING

Following removal of the first set of five USTs from the site, Saybr set four new USTs in the excavation. The new USTs were slightly larger in diameter than the former USTs, which required the existing excavation to be deepened to approximately three feet below the water table. Deepening of the excavation required dewatering and shoring.

SECOR assisted Saybr in acquiring authorization to discharge extracted groundwater generated from dewatering of the UST excavation. SECOR personnel collected a single grab sample of the extracted water in the UST excavation for analysis at North Creek Analytical of Bothell, Washington for quantitative chemical analysis. The sample was analyzed for total petroleum hydrocarbons in the gasoline range (TPH-G) and volatile organic compounds (VOCs).

On behalf of KMPP, SECOR submitted analytical data for the water sample with an Application for Discharge Authorization to the Drainage and Wastewater Division of the City of Seattle Public Utility, and to the Industrial Waste Section of the King County Water and Land Resources Division on November 10, 1997. Authorization to discharge was granted by both agencies on November 11, 1997. A copy of the discharge authorization letter is included in Appendix B.

In addition to acquiring discharge authorization for dewatering fluids, SECOR prepared a conceptual design for the dewatering system. The system was constructed using a perforated section of corrugated steel culvert placed vertically in the northeast corner of the excavation and partially backfilled with coarse gravel. An electric submersible pump was placed inside culvert and was plumbed through 2-inch diameter PVC piping to a temporary holding tank located south of the excavation, on vacant land owned by KMPP. Discharge from the holding tank was plumbed through a totalizing flowmeter and then through approximately 150 feet of 2-inch diameter PVC pipe where the discharge was released to a storm sewer manhole. In accordance with the requirements of the Discharge Authorization granted by King County, a semi-circular arrangement of hay bales was placed around the manhole to act as a sediment filter for discharge fluids, minimizing introduction of suspended solids into the storm sewer system.

Dewatering was conducted intermittently between November 13 and November 20, 1997 during which time a total of 24,500 gallons of water was discharged. Dewatering was discontinued once the new USTs had been installed in the excavation. Dewatering was not required during the subsequent second and third phases of UST decommissioning.

2.3 SOIL DISPOSAL

Soil removed from the excavation surrounding USTs No. 30 through 39 was temporarily stockpiled on the southern end of the adjacent KMPP property. The stockpile was placed on plastic sheeting and covered. Soil removed from the UST excavation during the second phase was loaded directly into trucks and hauled to TPS Technologies (TPS) of Tacoma, Washington for treatment by thermal desorption. Between November 20 and December 4, 1997 approximately 1,340 tons of impacted soil were removed from the site and hauled to the TPS facility for disposal. Copies of soil disposal scale tickets are included in Appendix C.

3.0 LABORATORY ANALYSIS

3.1 ANALYTICAL METHODS

Analysis of soil samples collected by SECOR was performed by North Creek Analytical. Soil samples were delivered to the laboratory in chilled coolers under standard chain-of-custody protocol by SECOR personnel. An analytical suite was selected by SECOR based on the known content and historic uses of the USTs, to best document subsurface soil quality. An Ecology publication, *Chemicals of Special Concern in Washington State*, was also referenced in selecting the analytical suite.

Soil samples collected from the excavation were analyzed for TPH-G using Ecology Method NWTPH-Gx quantified against a mineral spirits standard, VOCs using US Environmental Protection Agency (USEPA) Method 8260, polychlorinated biphenyls (PCBs) using USEPA Method 8081, and selected metals (aluminum, antimony, arsenic, cadmium, and selenium) using USEPA Series 6000/7000 Methods.

3.2 LABORATORY RESULTS

Reported concentrations of PCBs, arsenic, cadmium, ethylbenzene, toluene, and total xylenes for soil samples collected by SECOR were compared to cleanup levels established in the *Model Toxics Control Act* (MTCA) Method A Cleanup Levels for industrial soil (chapter 173-340 WAC). Reported concentrations of selected VOCs were compared to the *Cleanup Levels and Risk Calculations (CLARC II) Update* (Ecology 1996) calculated Method C cleanup levels. Reported concentrations of aluminum were compared to reported background concentrations published in the Ecology document *Natural Background Soil Metals Concentrations in Washington State* (Ecology 1994).

A review of the analytical data indicates that reported concentrations of ethylbenzene, toluene, and total xylenes exceeded MTCA Method A Cleanup Levels for industrial soil in selected soil samples. Reported PCB concentrations did not meet or exceed MTCA Method A Cleanup Levels for industrial soil in any sample submitted for analysis. Reported aluminum concentrations (ranging from 2,960 to 8,820 mg/kg) were within published background concentrations of 20,000 to 40,000 mg/kg. Analytical data are summarized in Tables 3 and 4. Copies of the analytical laboratory reports are included in Appendix D.

4.0 SUMMARY AND CONCLUSIONS

Permanent decommissioning of 14 USTs at the KMPP paint manufacturing facility was completed in accordance with the recommendations set forth in Ecology's *Guidance for Site Checks and Site Assessments for Underground Storage Tanks*, dated February 1991 (Revised October 1992). The USTs were removed from the site and disposed of at the Coastal Tank Cleaning, Inc. Each of the 14 USTs appeared to be in sound condition with no visual evidence of severe corrosion or leaks.

The decommissioned USTs were reportedly installed in 1985 as replacements for six USTs which were removed at that time. Based on SECOR's observation of the UST excavation, impacted soil appeared to be associated with the USTs which were removed in 1985. Soil in contact with the USTs removed during this scope of work did not exhibit strong odors or visual discoloration as did soils located along the perimeter of the excavation. Additionally, a distinct color change was noted along the perimeter suggesting a contact between older fill material and fill material installed adjacent to the USTs removed under this scope of work.

Standing water was encountered in the excavation during the first and third phases of UST removal. Standing water was not encountered during the second phase of UST removal. Impacted soil observed in the UST excavation is potentially in contact with groundwater beneath the site. However, limited access in the vicinity of the UST basin precluded installation of any groundwater monitoring wells.

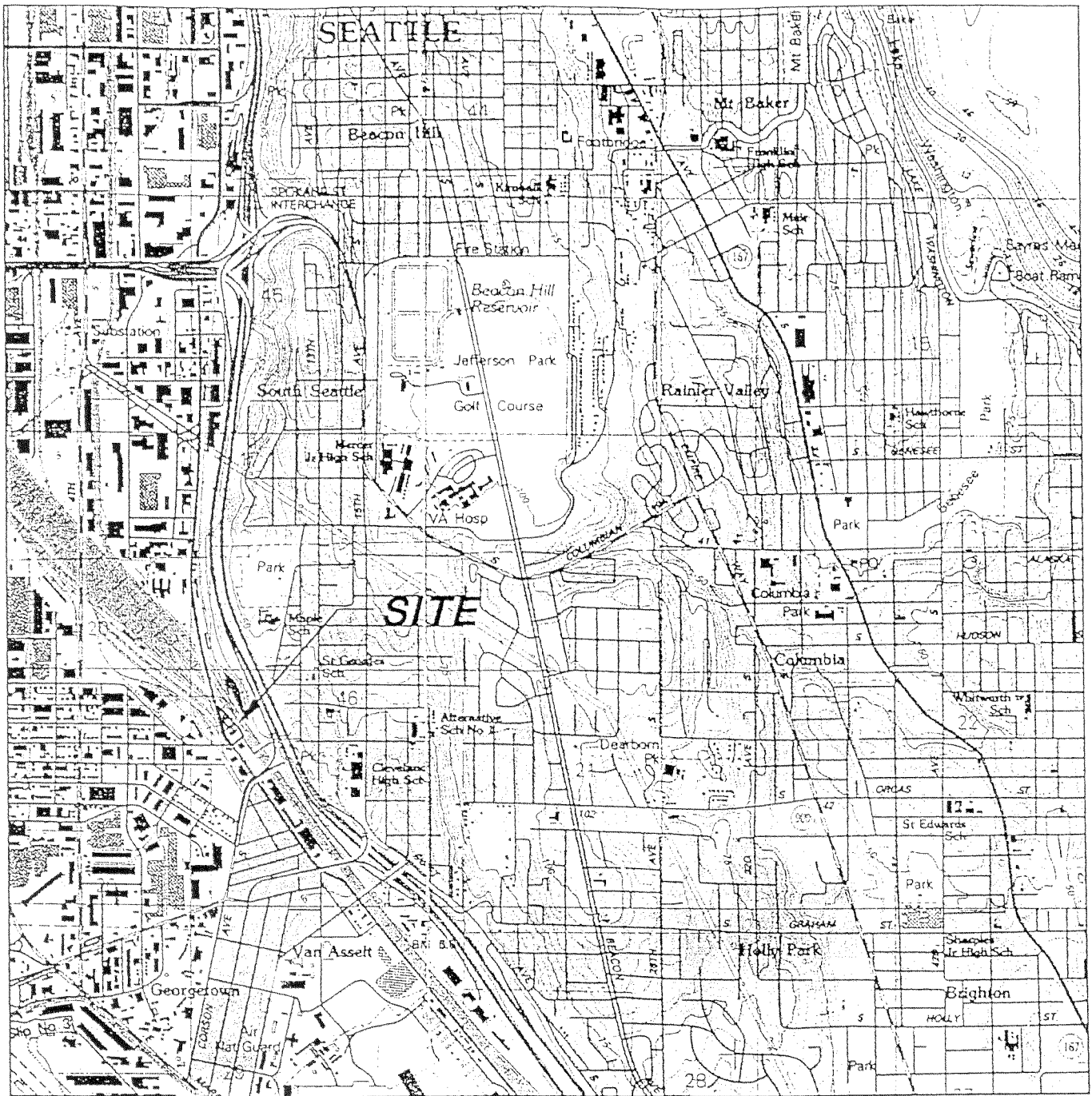
SECOR has compared analytical data for soil samples collected during this investigation to MTCA Method A Cleanup Levels for industrial soil. Reported concentrations of ethylbenzene, toluene, and total xylenes exceeded established MTCA Method A Cleanup Levels for industrial soil. PCBs were detected in soil samples collected in soil samples collected during the first and second phases of UST closure at concentrations which did not meet or exceed MTCA Method A Cleanup Levels for industrial soil.

5.0 STANDARD LIMITATIONS

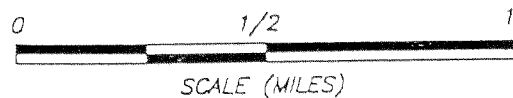
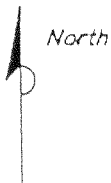
Services provided by SECOR in the course of completing this preliminary subsurface assessment investigation have been conducted in a manner consistent with the care and skill ordinarily exercised by members of the consulting industry in this area. No other representation, expressed or implied, and no other warranty or guarantee is included or intended in this report, its opinions, or documentation. This report is prepared for the exclusive use of KMPP and their representatives.

SECOR may have relied on information provided by third parties in the course of completing this work. The validity of this information has not been confirmed and SECOR cannot warrant its accuracy. There is always a potential for the presence of unknown, unidentified, or unforeseen subsurface conditions and/or contamination. If new hydrogeological data are developed from future studies (which may include intrusive investigations, groundwater sampling, or other efforts), SECOR should be requested to re-evaluate the conclusions of this report, and to provide amendments as appropriate.

FIGURES



WASHINGTON



REFERENCE: USGS 7.5 X 15 MINUTE QUADRANGLE; SEATTLE SOUTH, WASHINGTON 1983

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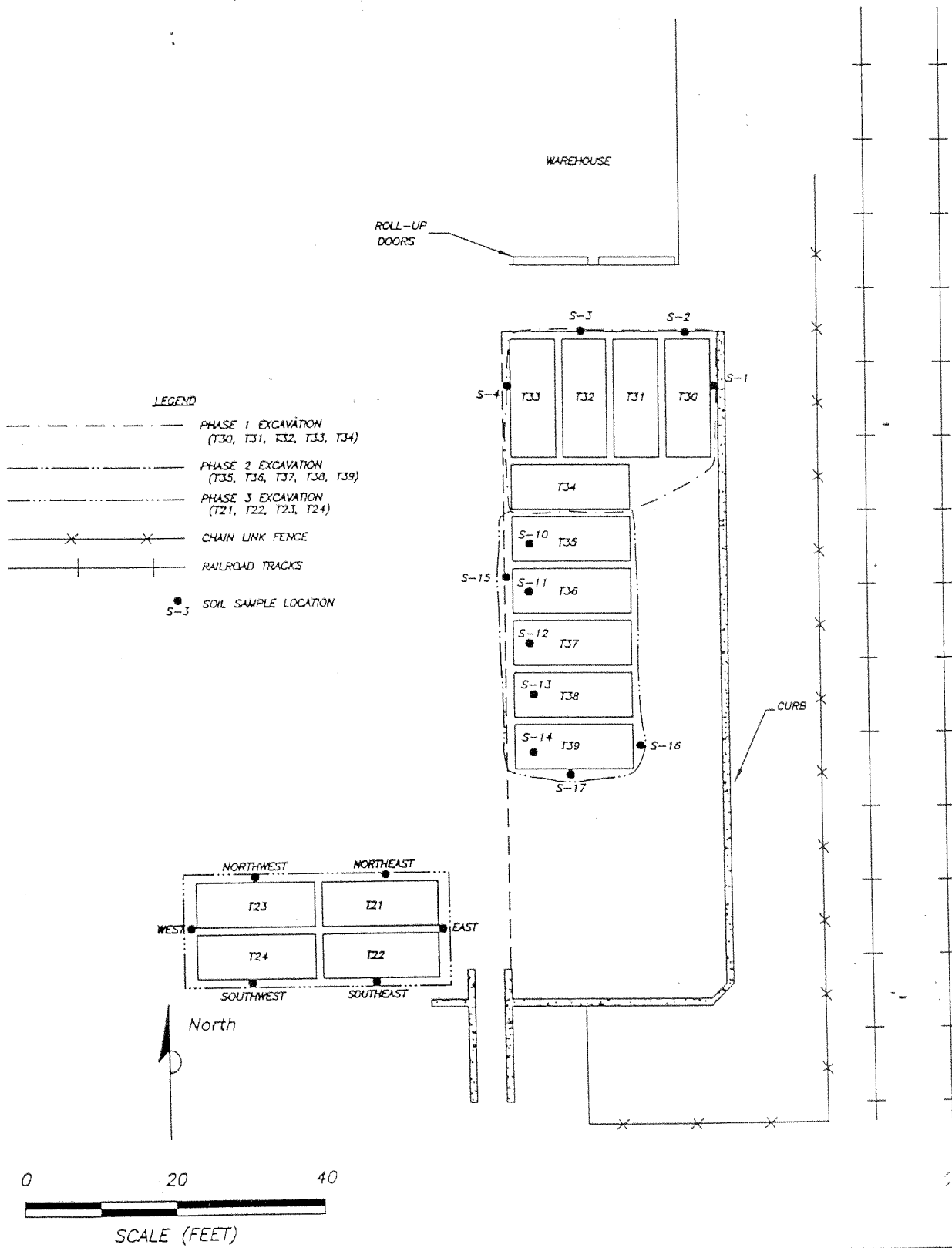
SITE LOCATION MAP
PRESERVATIVE PAINT COMPANY
5400 AIRPORT WAY SOUTH
SEATTLE, WASHINGTON

FIGURE:

1

JOB#: 00336-001-03 APPR: MPM DWN: KWW DATE: 11/19/97

DWG: P901WP2



SECOR
International Incorporated

SITE PLAN
UST EXCAVATION AND SOIL SAMPLE LOCATIONS
KELLY-MOORE PRESERVATIVE PAINT COMPANY
5400 AIRPORT WAY SOUTH
SEATTLE, WASHINGTON

FIGURE:

2

JOB#: 00388-001-04 APPR: DWN: SES DATE: 08/05/98

TABLES

Table 1
Summary of UST Contents
Kelly-Moore Preservative Paint Company
5400 Airport Way South
Seattle, Washington
SECOR PN: 00386-001-04

UST Number	UST Volume	UST Contents	Removal Date
T30	4,000	Mineral Spirits	11/6/97
T31	4,000	Naphtha	11/6/97
T32	4,000	Mineral Spirits	11/6/97
T33	4,000	Mineral Spirits	11/6/97
T34	4,000	Reclaimed Thinner	11/6/97
T35	4,000	Propylene Glycol	11/21/97
T36	4,000	Ester Alcohol	11/21/97
T37	4,000	Solvent	11/21/97
T38	4,000	Xylene	11/21/97
T39	4,000	Toluene	11/21/97
T21	7,000	Resin	3/18/98
T22	7,000	Resin	3/18/98
T23	7,000	Resin	3/18/98
T24	7,000	Resin	3/18/98

Table 2
 Summary of Soil Sample Collection Details
 Kelly-Moore Preservative Paint Company
 5400 Airport Way South
 Seattle, Washington
 SECOR PN: 00386-001-04

Sample ID	Sample Collection Date	Sample Collection Depth (ft)	Sample Collection Location	Sample Analyses
S-1	11/5/97	8	East sidewall, 8 ft south of NE corner	NWTPH-Gx, PCBs, VOCs, Metals
S-2	11/5/97	7	North sidewall, at midpoint of UST #30	NWTPH-Gx, PCBs, VOCs, Metals
S-3	11/5/97	7	North sidewall, at midpoint of UST #32	NWTPH-Gx, PCBs, VOCs, Metals
S-4	11/5/97	8	West sidewall, 8 ft south of NW corner	NWTPH-Gx, PCBs, VOCs, Metals
S-5	11/5/97	NA	Soil stockpile, 2-part composite	NWTPH-Gx, PCBs, VOCs, Metals
S-6	11/5/97	NA	Soil stockpile, 2-part composite	NWTPH-Gx, PCBs, VOCs, Metals
S-7	11/17/97	NA	Soil stockpile, discrete sample	NWTPH-Gx, PCBs, VOCs, Metals
S-8	11/17/97	NA	Soil stockpile, discrete sample	NWTPH-Gx, PCBs, VOCs, Metals
S-9	11/17/97	NA	Soil stockpile, discrete sample	NWTPH-Gx, PCBs, VOCs, Metals
S-10	11/21/97	7	Excavation floor, beneath UST #29	NWTPH-Gx, PCBs, VOCs, Metals
S-11	11/21/97	7	Excavation floor, beneath UST #28	NWTPH-Gx, PCBs, VOCs, Metals
S-12	11/21/97	7	Excavation floor, beneath UST #27	NWTPH-Gx, PCBs, VOCs, Metals
S-13	11/21/91	7	Excavation floor, beneath UST #26	NWTPH-Gx, PCBs, VOCs, Metals
S-14	11/21/97	7	Excavation floor, beneath UST #25	NWTPH-Gx, PCBs, VOCs, Metals
S-15	11/21/97	4	West sidewall, adjacent to end of UST #28	NWTPH-Gx, PCBs, VOCs, Metals
S-16	11/21/97	6	East sidewall, adjacent to end of UST #25	NWTPH-Gx, PCBs, VOCs, Metals
S-17	12/1/97	7	South sidewall, adjacent to UST #25	NWTPH-Gx, PCBs, VOCs, Metals
Northeast	3/18/98	6	East end of north excavation sidewall	NWTPH-Gx, PCBs, VOCs, Metals
Northwest	3/18/98	6	West end of north excavation sidewall	NWTPH-Gx, PCBs, VOCs, Metals
Southeast	3/18/98	6	East end of south excavation sidewall	NWTPH-Gx, PCBs, VOCs, Metals
Southwest	3/18/98	6	West end of south excavation sidewall	NWTPH-Gx, PCBs, VOCs, Metals
East	3/18/98	6	East excavation sidewall	NWTPH-Gx, PCBs, VOCs, Metals
West	3/18/98	6	West excavation sidewall	NWTPH-Gx, PCBs, VOCs, Metals

Note:

- NWTPH-Gx - Total Petroleum Hydrocarbons analyzed using Ecology Method NWTPH-Gx quantified against a Mineral Spirits standard
- PCBs - Polychlorinated Biphenyls analyzed using USEPA Method 8081
- VOCs - Volatile Organic Compounds analyzed using USEPA Method 8260
- Metals - Aluminum, Antimony, Arsenic, Cadmium, and Selenium analyzed using USEPA Series 6000 and 7000 Methods

Table 3
 Summary of Analytical Data - Soil
 NWTPH-Gx, PCBs, and Metals Analyses
 Kelly-Moore Preservative Paint Company
 5400 Airport Way South, Seattle, Washington
 SECOR PN: 00386-001-04

Sample ID	TPH as Mineral Spirits	PCBs (Aroclor 1260)	Aluminum	Antimony	Arsenic	Cadmium	Selenium
S-1	2,150	0.132	5,300	(0.792)	(3.65)	(0.244)	(3.83)
S-2	1,600	(0.050)	5,180	(0.792)	(3.65)	(0.244)	(3.83)
S-3	114	(0.050)	3,170	(0.792)	(3.65)	(0.244)	(3.83)
S-4	121	(0.050)	2,960	(0.792)	(3.65)	(0.244)	(3.83)
S-5	1,480	0.0521	4,960	(0.792)	(3.65)	(0.244)	(3.83)
S-6	201	(0.050)	4,250	(0.792)	(3.65)	(0.244)	(3.83)
S-7	1,000	0.0727	6,210	(0.792)	(3.65)	(0.244)	(3.83)
S-8	327	(0.050)	5,070	(0.792)	(3.65)	(0.244)	(3.83)
S-9	1,530	0.0997	4,500	(0.792)	(3.65)	(0.244)	(3.83)
S-10	80.6	(0.050)	6,790	(5.00)	(10.0)	(0.250)	(7.50)
S-11	3,120	0.0583	7,710	(5.00)	(10.0)	(0.250)	(7.50)
S-12	81.1	0.0635	7,410	(5.00)	(10.0)	(0.250)	(7.50)
S-13	136	0.0588	6,370	(5.00)	(10.0)	(0.250)	(7.50)
S-14	29.3	(0.050)	6,040	(5.00)	(10.0)	(0.250)	7.60
S-15	(5.00)	(0.050)	6,860	(5.00)	(10.0)	(0.250)	(7.50)
S-16	96.8	(0.050)	6,360	(5.00)	(10.0)	(0.250)	(7.50)
S-17	10.7	(0.050)	4,390	(5.00)	(10.0)	(0.250)	(7.50)
Northeast	5.51	(0.050)	8,820	(0.500)	2.21	(0.500)	(0.500)
Southeast	(5.0)	(0.050)	6,040	(0.500)	1.58	(0.500)	(0.500)
Northwest	(5.0)	(0.050)	6,450	(0.500)	2.02	(0.500)	(0.500)
Southwest	(5.0)	(0.050)	6,100	(0.500)	1.28	(0.500)	(0.500)
East	(5.0)	(0.050)	7,630	(0.500)	2.19	(0.500)	(0.500)
West	(5.0)	(0.050)	6,890	(0.500)	1.42	(0.500)	(0.500)
Comparison Value	200.0 ¹	10.0 ¹	20,000/40,000 ²	NE	10.0 ¹	10.0 ¹	NE

Note:

- All metals data reported in milligrams per kilogram (mg/kg)
- TPH = Total Petroleum Hydrocarbons
- All reported TPH was detected as Mineral Spirits
- All reported PCBs detected as Aroclor/PCB-1260
- (0.792) Indicates analyte not detected at or above the laboratory Method Reporting Limit (MRL)
- ¹Indicates MTCA Method A Cleanup Level for industrial soil
- ²Indicates background concentration
- NE indicates MTCA Cleanup Level not established

Table 4
 Summary of Analytical Data - Soil
 VOC Analysis
 Kelly-Moore Preservative Paint Company
 5400 Airport Way South
 Seattle, Washington
 SECOR PN: 00386-001-04

Sample ID	2-Butanone	n-Butylbenzene	sec-Butylbenzene	Carbon Disulfide	Chloromethane	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	4-Methyl-2-pentanone	Naphthalene	n-Propylbenzene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylenes
S-1	(20.0)	2.92	(2.00)	(2.00)	(2.00)	54.7	2.26	3.17	(20.0)	(2.00)	5.21	(2.00)	22.3	9.95	212.24
S-2	(2.00)	1.29	0.714	(0.200)	(0.200)	12.3	1.70	0.700	(2.00)	0.219	2.79	(0.200)	5.01	0.580	4.83
S-3	(4.00)	(0.400)	(0.400)	(0.400)	(0.400)	5.21	(0.400)	(0.400)	(4.00)	(0.400)	(0.400)	(0.400)	0.651	(0.400)	22.44
S-4	6.08	(0.200)	(0.200)	(0.200)	(0.200)	2.06	(0.200)	(0.200)	(2.00)	(0.200)	(0.200)	1.64	0.419	(0.200)	10.82
S-5	(20.0)	2.47	(2.00)	(2.00)	(2.00)	30.1	(2.00)	2.68	45.0	(2.00)	3.51	285	17.9	8.45	151.3
S-6	(2.00)	0.350	(0.200)	(0.200)	(0.200)	2.99	(0.200)	0.248	(2.00)	0.283	0.390	0.656	2.00	0.552	7.77
S-7	(20.0)	(2.00)	(2.00)	(2.00)	(2.00)	6.93	(2.00)	(2.00)	(20.0)	(2.00)	(2.00)	17.1	4.53	(2.00)	49.22
S-8	(20.0)	(2.00)	(2.00)	(2.00)	5.03	12.2	(2.00)	(2.00)	(20.0)	(2.00)	(2.00)	22.6	4.30	(2.00)	53.1
S-9	(20.0)	(2.00)	(2.00)	(2.00)	(2.00)	7.64	(2.00)	(2.00)	(20.0)	(2.00)	(2.00)	20.0	5.90	(2.00)	43.04
S-10	(20.0)	(2.00)	(2.00)	(5.00)	(2.00)	3.96	(2.00)	(2.00)	(20.0)	(2.00)	(2.00)	56.6	(2.00)	(2.00)	36.71
S-11	(20.0)	(2.00)	(2.00)	(5.00)	(2.00)	171	2.33	(2.00)	140	6.44	3.05	5,640	15.7	8.08	968
S-12	(8.00)	(0.800)	(0.800)	(2.00)	(0.800)	2.34	(0.800)	(0.800)	8.20	(0.800)	(0.800)	46.2	0.910	(0.800)	23.36
S-13	(20.0)	(2.00)	(2.00)	(5.00)	(2.00)	2.59	(2.00)	(2.00)	(20.0)	(2.00)	(2.00)	22.7	2.88	(2.00)	17.42
S-14	(2.00)	(0.200)	(0.200)	(0.500)	(0.200)	0.325	(0.200)	(0.200)	(2.00)	(0.200)	(0.200)	0.242	(0.200)	(0.200)	2.311
S-15	(2.00)	(0.200)	(0.200)	(0.500)	(0.200)	(0.200)	(0.200)	(0.200)	(2.00)	(0.200)	(0.200)	0.231	(0.200)	(0.200)	(0.400; 0.200)
S-16	(2.00)	0.373	(0.200)	(0.500)	(0.200)	1.26	0.223	0.249	(2.00)	(0.200)	0.740	0.263	3.35	1.12	3.70
S-17	(2.00)	(0.200)	(0.200)	(0.200)	(0.200)	(0.200)	(0.200)	(0.200)	(2.00)	(0.200)	(0.200)	(0.200)	0.324	(0.200)	(0.400; 0.200)
Northeast	(2.00)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	(2.00)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	0.238
Southeast	(2.00)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	(2.00)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	(0.200; 0.100)
Northwest	(2.00)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	(2.00)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	(0.200; 0.100)
Southwest	(2.00)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	(2.00)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	(0.200; 0.100)
East	(2.00)	(0.100)	(0.100)	0.188	(0.100)	(0.100)	(0.100)	(0.100)	(2.00)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	(0.200; 0.100)
West	(2.00)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	(2.00)	(0.100)	(0.100)	(0.100)	(0.100)	(0.100)	(0.200; 0.100)
Comparison Value	1	2	3	2.5 x 10 ² 2	1.01 x 10 ² 2	20.0 ¹	3	3	3	1.40 x 10 ⁵ 2	3	40.0 ¹	3	3	20.0 ¹

Notes:

- Analyses performed using USEPA Method 8260A
- Only analytes detected in at least one sample are included in the table
- All analytical data presented in milligrams per kilograms (mg/kg)
- (20.0) Indicates analyte not detected at or above the laboratory Method Reporting Limit (MRL)
- (0.400, 0.200) Indicates individual analytical MRLs for m,p-xylene (0.400) and o-xylene (0.200), respectively
- NE indicates cleanup level not established under MTCA
- ¹ Indicates MTCA Method A Cleanup Level for industrial soil
- ² Indicates MTCA CLARC II calculated industrial cleanup levels
- ³ Indicates cleanup level not established under MTCA Method A or in CLARC II tables



City of Seattle
XXXXXXXXXXXXXXXXXXXX
Paul Schell, Mayor

King County
Ron Sims, Executive

Seattle-King County Department of Public Health

Alonzo L. Plough, Ph.D., MPH, *Director*

July 29, 1998

Kevin Hudson
Preservative Paint Company
5410 Airport Way S.
Seattle, WA 98108

Dear Mr. Hudson:

The Seattle-King County Health Department has completed the site hazard assessment (SHA) of the Preservative Paint Company site, as required under the Model Toxics Control Act. This site's hazard ranking, an estimation of the potential threat to human health and/or the environment relative to all other Washington State sites assessed at this time, has been determined to be a 5, where 1 represents the highest relative risk and 5 the lowest.

For your information, the Washington State Department of Ecology will be publishing the ranking of this and other recently assessed sites in the August 18, 1998 special issue of the Site Register. The site hazard ranking will be used in conjunction with other site-specific considerations in determining Ecology's priority for future actions.

If you have any questions relating to the SHA of your site, please contact me at (206) 296-4724. If you have any inquiries or comments about the site scoring/ranking process, please call Michael Spencer at (360) 407-7195. For inquiries regarding any further activities at your site now that it is on Ecology's Hazardous Sites List, please call Norm Peck at (425) 649-7047.

Sincerely,

Peter Isaksen
Environmental Health Specialist

PI:ip

cc: Michael Spencer, Washington Department of Ecology
Norm Peck, Washington Department of Ecology

WORKSHEET 1
SUMMARY SCORE SHEET

Note: This document currently has no provision for sediment route scoring.

Site Name/Location (Street, City, County, Section/Township/Range, TCP ID Number):

Preservative Paint Company
5410 Airport Way S.
Seattle, WA 98108
T-24N, R-4E, Sec-20
TCP-ID# N-17-0140-000
Longitude: 122 Degrees, 19 minutes, 16.46 Seconds
Latitude: 47 Degrees, 33 minutes, 12.35 Seconds
Method: 99
Site scored for August 18, 1998 Update

Site Description (Include management areas, substances of concern, and quantities):

Preservative Paint Company is located at 5410 Airport Way S. on a 1.5 acre site in the Georgetown section of Seattle. Paint product manufacturing, packaging and sales have been conducted at this site since 1908. The company was known in 1908 as Asphaltum Products Company, which manufactured a creosote-type paint for marine use as its main product from 1908-1924. In 1914, the company was renamed Preservative Paint Company. Preservative Paint is now either owned or merged with Kelly-Moore Paints (987 Commercial Street, San Carlos, CA, 94070).

The area surrounding this site is comprised of a mixed commercial, industrial, and residential neighborhood. The facility and the surrounding area are served by Seattle Municipal Water and Sewer. The Duwamish River is located approximately one mile due west of the site. The Duwamish is used for recreational boating, commercial shipping, and fishing. The area between this site and the Duwamish River is heavily developed. Surface water runoff from the site is drained by catch basins in the facility's asphalt cover into storm drains located along Airport Way South. The runoff is then channeled into the Duwamish. Some of the storm water generated by this site may be discharged to combined sewers and/or directly to the Duwamish Waterway through storm drain system in place in street.

Nearly the entire site is taken up by one large triangular-shaped building. The building consists of a warehouse for storing finished paint products, a former retail outlet store (no longer open to the public), a number of areas which contain mixing and formulation operations, a recovery and recirculation area for bad batches of paint, and an outside covered storage area containing both raw materials and drums for waste disposal. The entire area used for plant operations outside the building is surrounded by a six inch berm, which should effectively contain any spill as well as direct the material to one of two pump-equipped sump-wells for recovery. The sump pumps can contain liquids within the facility or can discharge to the existing sewer system. Two valves must be turned in order for liquid to leave the facility from the sump pump area, thus preventing inadvertent dumping to the sewer. Most process water is reused within the plant and very little, if any goes to the sewer. The paint production facility in total is covered either by concrete pad or building. Adjacent to the building on the south side is a concrete area which is bermed, covered, and fenced for use as a storage area for waste drums. Sixteen underground storage tanks used for storage of many active solvents and resins are also located adjacent to this area. This area was previously used for coal storage from 1908 until approximately 1950. The cover over the underground storage tank area is imported soil, mostly sand and gravel pipe bedding material and this area is the only exposed soil area on the property.

The United States Environmental Protection Agency (EPA) performed an inspection of the facility on September 23, 1980. Based on the information obtained in that inspection, the facility had appeared to dispose of its hazardous waste in a responsible manner and was not an evident threat to the environment.

In March 1985, Preservative Paint Company was investigated by the Municipality of Metropolitan Seattle (METRO) for a non-permitted discharge of potentially contaminated ground water to a sanitary sewer during excavation operations associated with underground storage tank removal and replacement. A single grab sample, collected by a METRO inspector showed levels of copper, zinc, and lead which exceeded the METRO limitations for industrial effluent discharge to the sewer. The effluent sample was found to contain cadmium (0.13 Parts per Million-PPM), chromium (5.1 PPM), copper (6.04 PPM), nickel (1.68 PPM), lead (6.6 PPM), and zinc (14.3 PPM). The levels for cadmium, chromium, and lead exceed Model Toxics Control Act (MTCA) Method A Cleanup Levels for Ground Water. EPA conducted an expanded investigation following this incident by hiring Ecology & Environment, Inc. (E&E) to conduct a site inspection to determine whether past operational or disposal practices employed by the facility may be contributing to deterioration of ground water in the area of the facility. Site Inspection was conducted in late 1986.

Conclusions, based on E&E's site inspection were that due to the location of the site within an industrial/commercial urban area and the lack of potential impact on drinking water quality, there appeared to be little evidence or cause to warrant further investigations and/or sampling at this site under the EPA Superfund Program. These conclusions were based on facts such as local ground water was found to contain elevated levels of heavy metals, as well as other organic compounds at a site (previously known as CHEMPRO) 1/10 mile west of Preservative Paint Co. which was extensively studied previously. Tidal influences on the Duwamish River, located one mile west of the site, also influences the direction and rate of ground water movement in the area, which further complicates a point source identification. Also the area where the ground water originated was used as a coal storage yard from 1908 to 1950, which could account for some of the elevated levels of heavy metals. The entire location is covered by building and/or concrete. Operational areas are bermed and have containment systems for spills. A spill response plan has been established and all wastes solvents/sludges generated by the facility are sent to a permitted TSD facility. E&E also agreed with EPA inspectors who determined that the facility appeared to have disposed of its hazardous waste in a responsible manner.

A Site Hazard Assessment (SHA) visit was conducted by Peter Isaksen and Carsten Thomsen of Seattle-King County Department of Public Health (SKCDPH) on October 16, 1997. A walk through of the facility matched with results and conclusions of EPA and E&E reports previously noted above. The entire production and storage ground areas are completely covered with concrete and contain concrete berms to contain spills. Most of the site is covered by enclosed building or awnings and storm water is drained away from the production and storage areas by a system of rain gutters and storm drains. The storm drains from this area of the site discharge to a combined storm and sanitary sewer that discharges to the sewer treatment plant. The only part of the site that is uncovered and not sealed is the underground storage tank area. The combined storm and sanitary sewer system pipe in the street to the west of this site (Airport Way S.) has an overflow discharging to the Duwamish Water Way in times of peak flow. There are no wells for drinking water, nor for irrigation within two miles of this facility and the ground water from this area has no value for future use due to tidal influences of the Duwamish basin and historically high metal readings in most neighboring properties when sampled.

A documented spill occurred from one of the underground storage tanks on site, first noticed by a failed tank tightness test on February 9, 1994. A tank fitting was noticed to have leaked about 250 gallons of toluene to the soil around the tank. Bore samples taken at the time of the reported spill indicated 91 and 95 ppm toluene in the soil at 3 to 6 feet in depth. No indication is available to show these soils were cleaned of this contaminant. Therefore, it is assumed that there remains soil

contaminated with this substance. Actual soil levels are not available as soils were not tested at the time of the SHA. Water sampling wells in the neighborhood have been shown to have toluene levels above detection levels in water samples analyzed.

Therefore on the basis of this SHA, conducted by SKCDPH's Environmental Health Division, this site will be ranked on the ground water route only.

Special Considerations (Include limitations in site file data or data which cannot be accommodated in the model, but which are important in evaluating the risk associated with the site, or any other factor(s) over-riding a decision of no further action for the site):

Nearly the entire site is covered by impervious surfaces. The site is located in an area served by municipal water and sewer systems, which includes combined sanitary and storm sewers. Drainage arising from the processing areas is collected and recycled. Access to discharge any of the process area drainage off the site is controlled by valves, which are strictly controlled. The tank area has been recently excavated and new soils have been installed above the tank areas including new bedding material for the pipes leading from the tanks. Therefore, the site will not be ranked for the surface water nor the air routes.

ROUTE SCORES:

Surface Water/Human Health: N/A

Surface Water/Environ.: N/A

Air/Human Health: N/A

Air/Environmental: N/A

Ground Water/Human Health: 17.5

OVERALL RANK: 5

WORKSHEET 2
ROUTE DOCUMENTATION

1. SURFACE WATER ROUTE

List those substances to be considered for scoring: Source: 2

Not applicable to site/not scored.

Explain basis for choice of substance(s) to be used in scoring.

List those management units to be considered for scoring: Source: 2

Explain basis for choice of unit to be used in scoring.

2. AIR ROUTE

List those substances to be considered for scoring: Source: 2

Not applicable to site/not scored.

Explain basis for choice of substance(s) to be used in scoring.

List those management units to be considered for scoring: Source: 2

Explain basis for choice of unit to be used in scoring.

3. GROUND WATER ROUTE

List those substances to be considered for scoring: Source: 2

Toluene

Explain basis for choice of substance(s) to be used in scoring.

The above substance is associated with past uses and at least one documented discharge to soil.

List those management units to be considered for scoring: Source: 2

Material may be present in soils below the underground storage tank area.

Explain basis for choice of unit to be used in scoring.

Sampling of surrounding soils and or ground water has not been conducted to show soils are contaminant free.

WORKSHEET 6
GROUND WATER ROUTE

1.0 SUBSTANCE CHARACTERISTICS

1.1 Human Toxicity

Substance	Drinking Water Standard (ug/l)	Val.	Acute Toxicity (mg/kg-bw)	Val.	Chronic Toxicity (mg/kg/day)	Val.	WOE	Carcinogenicity PF*	Val.
1. Toluene	2000	2	5000	3	0.2	1	D	-	-
2.									
3.									
4.									

*Potency Factor

Source:
Highest Value: 3
(Max.=10)

+2 Bonus Points? No
Final Toxicity Value: 3

(Max.=12)

1.2 Mobility (Use numbers to refer to above listed substances)

Cations/Anions: _____ Source: 1 Value: 2
(Max.=3)

OR

Solubility(mg/l): 1= 2; 2= ; 3= ; 4= ; 5= ;
6= .

1.3 Substance Quantity: 201 - 500 gallons Source: _____ Value: 2
Explain basis: Documented 250 gallon spill. (Max.=10)

2.0 MIGRATION POTENTIAL

2.1 Containment Source: _____ Value: 10
Explain basis: Documented spill to soil. (Max.=10)

2.2 Net Precipitation: 19.2 inches Source: 3 Value: 2
(Max.=5)

2.3 Subsurface Hydraulic Conductivity: Silty sand Source: 2 Value: 3
(Max.=4)

2.4 Vertical Depth to Ground Water: 0 - 25 feet Source: 2 Value: 8
(Max.=8)

3.0 TARGETS

3.1 Ground Water Usage: Ground water not usable Source: 5 Value: 1
(Max.=10)

3.2 Distance to Nearest Drinking Water Well: >10,000 ft Source: 4 Value: 0
(Max.=5)

3.3 Population Served within 2 Miles: pop.=√ 0 = 0 Source: 5 Value: 0
(Max.=100)

3.4 Area Irrigated by (Groundwater) Wells
within 2 miles: 0.75√no.acres= 0 Source: 5 Value: 0
0.75√ 0 =0.75 (0)= 0 (Max.=50)

WORKSHEET 6
GROUND WATER ROUTE (continued)

4.0 RELEASE

Explain basis for scoring a release to ground Source: 2 Value: 5
water: Ground water has been shown above the level of (Max.=5)
the bottom of the underground storage tanks during tank
replacement work. Spill was directly to these soils.

SOURCES USED IN SCORING

1. Washington Ranking Method Toxicological Data-base
2. Site Hazard Assessment, Seattle-King County Department of Public Health, conducted October 16, 1997.
3. National Weather Service Forecast Data.
4. Washington State Department of Health Public Water Supply Listing.
5. Washington State Water Use Data.

I:\WARMSSH.wp

T-24N R#E sec 20

Owner: Preservative Paint

5410 Airport Ways.
Seattle, WA
98108

5410 Airport Wy S.
Seattle, WA 98108

Site: Preservative Paint

? Kelly-Moore - 987 Commercial St
San Carlos, CA 94070

Parcel nos = Several

Lot 122.0 19.0 16.46

Lot 47.0 5.33 2.75 35

method 99

Contact Person:

763-0300

CPI #
N-17-0140-000

Contaminants: Manufactures: Paint, Varnishes, and industrial coatings
generates and stores non-hydrogenated solvents in concrete bermed area
ground H₂O: presence of Cd, Cr, Cu, Ni, Pb + Zn in excavation - source unknown
underground storage tanks: Solvents, Resins, oil

Unique concerns: Ground water contamination confirmed at Chempro facility adjacent. (Chempro file WA D000812909)

(Chempro was bought from Preservative Paint in 1970)

Media: Ground H₂O (No drinking water intakes within 3 mi)

Actions: 5/3/85 - Potential Haz Wastes Site Prelim. Assessment: DOE

10/86 - ecology & environment, inc. Report = site Inspection

12/9/86 - NFA by EPA for CERCLA

(March 1985 Tank Removal and Replacement pumping ground water to sewer is the reason for original g.w. sampling above)

Tank contents: Resin, Aliphatic Hydrocarbon, Xylene, vegetable oil,
Lacquer thinner, Toluol, Xylol, Methyl Ethyl Ketone.

Oil based Paints

waste Toluene produced by washing equipment and tanks

Sources of metals possibly:

Pigments: metal Oxides - lead and zinc chromates

(also lead, mercury, zinc chromate)

Binders: Resinous

Aluminum Enclosure - no backhouse to collect fugitive dust emissions

1/22/98 -

Spoke to Louise Bardy - she has a lot of information which was not put into file until November of 97. There was a Toluene leak that she said nothing was followed up on by Preservative Paint. Apparently it was leaking from one of their tank fittings.

Louise wants to go over what we have and possibly hold this SHA out and possibly sample this site.

Also she said that property next door should be considered part of this site also.

4/2/98 - call to Kevin Hudson - LM @ 1350 - has he installed monitoring wells, sampled?

4/2/98 - call from Mr. Hudson (he left message) @ 1415 - No they are not going to install monitoring wells, nor will they sample water - That is word he got from Corporate Office.

4/2/98 - called Kevin H. back told him I will talk to Louise and plan what we will do next to continue the SHA.

4/6/98 - Call from Louise Bardy - she says we can hold SHA, or process it as suspected, or wait until they sample it for their building process.

7/10/98 - called Kevin Hudson - No Ground Water or other samples taken. They will

Ecology thinks property next door is part of site
wants to hold off on NFA

Longview Fibre Company
5901 East Marginal Way South

Facility/Site Detail

Facility/Site Name: Longview Fibre Co

Ecology Identifier: 2226

Facility/Site Location

Geographic Location	Latitude/Longitude
Street Address or Location 5901 E MARGINAL WY S City: SEATTLE ZIP Code: 98134 County: KING Congressional District: 7 Legislative District: 11	Latitude: Deg: 47 Min: 32 Sec: 58.70 Longitude: Deg: 122 Min: 20 Sec: 4.70 Decimal Equivalents Latitude: 47.5496 Longitude: 122.3346 Accuracy Level: Unknown

Display the location of this site and all other sites of interest to the Department of Ecology that are approximately within a one half mile radius. Display the location of this site only, but do it via a controllable version of the map.

Reason for Interaction with the Department of Ecology

Interaction Description	Responsible Organization	Ecology Contact Phone #	Status
Hazardous Waste Generator	HAZWASTE	(360) 407-7555	Active
WDP General Permit	WATQUAL	(360) 407-6401	Active
Voluntary Cleanup Sites	TOXICS	(360) 407-7224	Active
Underground Storage Tank	TOXICS		Active
Tier Two Reports	HAZWASTE		Active

Industrial Classification

SIC Code	SIC Code Description
2653	CORRUGATED AND SOLID FIBER BOXES

Mailing Address of Facility/Site

No Address Information Available at this Time

1. BACKGROUND INFORMATION

Three underground storage tanks (USTs) were removed at the Longview Fibre (LFC) Seattle plant in August 1987 (CH2M HILL, 1987). One of the three USTs was determined to have leaked. Three monitoring wells were installed near the removed tanks in October 1987 to assess potential groundwater quality impacts (CH2M HILL, 1988). The locations of the removed USTs and the three monitoring wells are shown in Figure 1.

Following recovery of residual floating hydrocarbons in the vicinity of monitoring well MW-3 on the west side of the plant building in 1988 and 1989, regular measurement and sampling of the three monitoring wells was initiated in March 1990. The goal of this post-UST removal monitoring program was to confirm the decline of total petroleum hydrocarbons in groundwater to concentrations below Ecology cleanup levels (CH2M HILL, 1990).

A 5,000-gallon above-ground storage tank (AST) was installed in 1990 to store No. 2 diesel as standby fuel for the plant boiler, which was served by interruptible natural gas. This new tank replaced the UST that was formerly located near the east side of the plant building (Figure 1).

2. DISCOVERY OF DIESEL RELEASE

During the routine monitoring of the three onsite monitoring wells on January 4, 1991, LFC staff observed that the water-level probe used in MW-1 was covered with petroleum product. This monitoring well had always shown clean water prior to this date. An overflow during filling of the AST was initially suspected as the source of the release. The AST had been filled after installation and was used for first time in December 1990, when gas service to the plant was interrupted and the boiler was switched to fuel oil. Four fuel deliveries were made in December 1990, and visual evidence of spillage on the outside of the tank and surrounding snow-covered ground was present.

Product recovery from monitoring well MW-1 was initiated immediately by LFC staff on January 4, 1991 using pumping equipment on hand from prior fuel recovery efforts at MW-3. Recovered product was stored in 55-gallon drums. LFC notified Ecology of the release on January 7, 1991 and updated Ecology on January 11th regarding the product recovery efforts and source investigation.

3. FIELD INVESTIGATION

Test pit excavations were initiated on January 21, 1991 to assess the source and extent of product. Representatives of LFC and CH2M HILL were present when the excavations were made. Visible product saturation and seepage from test pit walls was observed at depths of 9 to 10 feet below grade (on top of the water table), along with a strong diesel fuel odor. Upon completion, product rapidly accumulated on top of the water table at the bottoms of the test pits. The quantity and depth distribution of the product observed in these test pits

indicated a source other than surface spillage was likely. Laboratory testing of the product confirmed it to be diesel fuel.

Given the extent of product observed in the initial test pits, the decision was made to continue tracking the product with additional test pits. Product recovery was initiated by LFC by means of a temporary perforated plywood box set in one of the test pits. LFC subsequently perforated 10-foot lengths of 36-inch diameter corrugated steel culverts with drilled holes, and the backhoe contractor installed these open-ended pipes in test pits to enhance product recovery.

The backhoe work was completed on February 7, 1991, with a total of nine test pits excavated and equipped with perforated culverts (designated as S-1 through S-9 in Figure 2). Residual soils from the test pit excavations were stockpiled and hauled to an asphalt plant for disposal by the contractor.

4. INVESTIGATION OF PRODUCT RELEASE MECHANISM

With the preliminary results of the field investigation indicating a likely product release source other than a surface spill, LFC initiated an assessment of the AST and associated fuel lines in the vicinity of the boiler. In the process of inspecting the boiler connections, a fuel bypass recirculating system was discovered consisting of a pump, a pressure-relief valve, and a discharge line that was formerly connected to the UST that was removed in 1988. The bypass piping system connection to the boiler was still active, allowing flow of fuel from the boiler into the bypass pipe.

Pressure testing of the bypass line indicated that the end formerly connected to the removed UST was not capped. As a result, when the boiler was operated using diesel fuel beginning in December 1990, diesel was pumped out the bypass line into the ground. This mechanism was determined to be the source of the diesel release.

LFC conducted boiler tests in February 1991 to measure the flow rate range of the recirculation pump and to estimate the volume of diesel pumped into ground. The amount of diesel released was estimated on the basis of the following information (Longview Fibre Company, 1991):

Duration of boiler operation

150 hours, between December 18 and 28, 1990

Range of recirculating line flow rates

0.66 gallons per minute @ 23 psi backpressure to 0.87 gallons per minute @ 0 psi backpressure

Estimated range of diesel released through recirculating line

150 hr x 60 min/hr x 0.66 gal/min = 5,940 gallons

150 hr x 60 min/hr x 0.87 gal/min = 7,830 gallons

The five pipes that formerly connected the boiler to the boiler-fuel (the recirculation pipe, two product delivery pipes, and two steam-trace pipes) were subsequently disconnected from the boiler and capped outside the building wall by LFC.

5. PRODUCT RECOVERY

As noted in Section 2 of this report, LFC started recovering product from monitoring well MW-1 on the day the product release was discovered (January 4, 1991). As the culvert product recovery sumps were installed in the nine test pits, LFC began measuring groundwater levels and product thickness, pumping diesel from each sump, and recording the cumulative amount of product recovered. Data sheets compiled by LFC for the nine test-pit culvert sumps are included in Appendix A.

Product recovery from the sumps was conducted by LFC from February 1991 through June 1992. LFC fabricated a system of suction pipes in individual sumps connected to a header and suction pump. The majority of diesel was observed in sump S-3 and S-4, closest to the uncapped recirculation pipe, and the least amount of diesel was present in sumps 1 and 6 (see Figure 2).

Recovered product was initially collected in 55-gallon drums. Above-ground holding tanks were subsequently used to allow storage of greater product volumes and more efficient separation of oil and water. Recovered diesel was taken offsite by an oil service company retained by LFC. Water drained from the bottom of the storage tank was discharged to the sanitary sewer system with approval from Ecology.

Aggregate quantities of diesel recovered from all of the sumps were recorded by LFC and are summarized in Table 1. LFC records (Longview Fibre Company, 1993) indicate that a total of 4,200 gallons of recovered diesel were transported from the area of the release through June 1992.

6. CONTAMINATED SOIL REMEDIATION

By June 1992 quantities of diesel in the sumps had diminished to intermittent thin product layers and sheens. Also at this time, LFC needed to restore the diesel release area of the plant site for use as a truck staging and unloading area. Plans were developed for removal of the sumps, excavation and offsite disposal of diesel-contaminated soils, placement of compacted backfill, and installation of new pavement.

The excavation plan required consideration of the following physical constraints: a 10-foot offset from the center of the railroad tracks bounding the release site on the east and south (required by the Union Pacific Railroad); the wall of the LFC plant building on the west; the foundation of the large starch silo on the northwest; and the edge of pavement of Fidalgo Street on the north (see Figure 2).

The remediation plan was implemented between October 13 and 15, 1992, and consisted of the following:

- Draining and temporary removal of the 5,000-gallon diesel AST
- Demolition and removal of the concrete base/containment of the AST
- Removal and disposal of the product recovery culverts from the test pits and of monitoring well MW-1, to allow access for diesel-contaminated soil removal
- Excavation of surficial (uncontaminated) and underlying diesel-contaminated soils to the water table (approximately 10 feet below grade) within the area bounded by the physical constraints (Union Pacific Railroad tracks, LFC plant building wall, LFC starch silo foundation, and edge of Fidalgo street pavement) (see Figure 2)
- Segregation of excavated soils into clean and contaminated piles on the basis of field PID and visual observations
- Covered storage of contaminated soils
- Characterization of stockpiled soils for offsite disposal (contaminated soils) or for use as backfill (clean soils)
- Placement and compaction of onsite and imported backfill in the excavation
- Restoration of the above-ground storage tank, tank base, and surrounding pavement
- Transport and disposal of diesel-contaminated soils

Church Construction of Seattle conducted the excavation, stockpiling, backfill, and above-ground tank work. Rolloff containers, transportation, and disposal of diesel-contaminated soils at the Roosevelt Regional Landfill were provided by Regional Disposal Company, Seattle. A total of 1,000 tons of diesel-contaminated soil were disposed, as documented by the certification included in Appendix B.

Soil samples from the contaminated and clean stockpiles were collected for WTPH-diesel laboratory analysis. The two samples from the contaminated stockpile had concentrations of 9,800 and 9,200 mg/kg diesel dry weight (moisture contents of 81.1% and 78.7%, respectively). The sample from the clean stockpile had a concentration of 8.9 mg/kg diesel (moisture content of 85.4%). The laboratory reports are included in Appendix C.

7. COMPARISON OF PRODUCT RELEASED TO PRODUCT RECOVERED

The volumes of diesel recovered (free product and contaminated soil) versus diesel released were estimated as follows:

Estimate of free product recovered

4,420 gal (see Section 5 of this report)

Estimate of product recovered in soil

average TPH-Diesel concentration in soil = 9,500 mg/kg (see Section 6 of this report)

1,000 tons wet x 80% solids x 9,500 ppm dry x 2,000 lb/ton = 15,200 lb TPH-D

15,200 lb TPH-D / (8.33 lb/gal x 0.85 SG) = 2,147 gallons

Estimate of total product recovered, free product + soil

4,420 gallons + 2,147 gallons = 6,567 gallons

Estimate of product released

5,940 to 7,830 gallons (see Section 4 of this report)

8. STATUS OF POST-UST REMOVAL GROUNDWATER MONITORING PROGRAM

As discussed in Section 1 of this report, regular monitoring of the three onsite monitoring wells was initiated in March 1990 to complete the post-UST removal investigation, with the goal of confirming the absence of or the decline of total petroleum hydrocarbons in groundwater to concentrations below Ecology cleanup levels. Table 2 presents a summary of product observations performed by LFC staff between March 1990 and June 1992.

The data in Table 2 show no visual detections of product in well MW-2 for the period of record. Well MW-3, where product recovery had previously been implemented, showed observable or measurable product through August 1991, followed by three consecutive events of no visual product detections through June 1992. Data for well MW-1 show no visual product detections prior to the diesel release in December 1990, and measurable product thicknesses that declined through June 1992 as the diesel recovery operation was implemented by LFC.

During the soil remediation work in the diesel release area, monitoring well MW-1 was removed, as described above in Section 6. Monitoring wells MW-2 and MW-3 have not been monitored since June 1992.

9. CONCLUSIONS

- A large quantity of diesel fuel was released into the soil at the Longview Fibre Seattle plant in December 1990, through a recirculation pipe that connected the boiler to the former boiler-fuel UST. This pipe was not capped or disconnected from the boiler when the UST was removed in 1987. Boiler fuel pump measurements by LFC indicate a likely range of product loss of 5,940 to 7,830 gallons. LFC product recovery began in January 1991, immediately upon detection of the release.
- The estimated quantity of diesel recovered by LFC from monitoring well MW-1 and from product recovery sumps (perforated culverts installed in test pits) totaled 4,420 gallons. An estimated 2,147 gallons of diesel was removed with contaminated soil excavated from the release site in October 1992, resulting in a total estimated recovered diesel volume of 6,567 gallons.
- Data from LFC cleanup indicate that the maximum practical amount of product recoverable by extraction and excavation has been removed from the site. The estimated volume of diesel recovered falls between the upper and lower range of estimated diesel released.
- The post-UST removal monitoring program involving monitoring wells MW-2 and MW-3 at the LFC Seattle plant showed no visual evidence of petroleum product during the last three recorded monitoring events (November 1991, and February and June 1992).

10. RECOMMENDATIONS

Resolve the regulatory status of the former UST locations near monitoring wells MW-2 and MW-3 by collecting water samples from these wells during two successive quarterly monitoring events. Water samples should be tested for WTPH-D, WTPH-G, and BTEX. If concentrations of these constituents for both events are less than action levels (Washington Department of Ecology, 1992), the UST sites should be declared closed and monitoring wells MW-2 and MW-3 should be decommissioned per Ecology requirements.

11. REFERENCES

CH2M HILL. 1987. Report on the Removal of Underground Storage Tanks, Longview Fibre Company, Seattle, Washington Facility. Prepared for Longview Fibre Company, Longview, Washington. November 1987.

CH2M HILL. 1988. Report on Remedial Actions, Longview Fibre Company, Seattle Washington. Prepared for Longview Fibre Company, Longview, Washington. February 1988.

CH2M HILL. 1990. Summary Report of Recent Field Investigation Results, Seattle Plant. Letter report submitted to Longview Fibre Company, Longview, Washington. January 26, 1990.

Longview Fibre Company. 1990. Letter from Gary Smith to Barbara Trejo, Department of Ecology. July 23, 1990.

Longview Fibre Company. 1991. Longview Fibre Company Interoffice Memorandum from Gary Smith to Dave Mendenhall. February 7, 1991.

Longview Fibre Company. 1992. Letter from Gary Smith to Martha Turvey, Department of Ecology. July 1, 1992.

Longview Fibre Company. 1993. Personnel communication with Jim Mantell, LFC Seattle plant. June 3, 1993.

Washington Department of Ecology. 1992. Guidance for Site Checks and Site Assessments for Underground Storage Tanks. October 1992.

Table 1 -- Summary of Analytical Results at the LFC Seattle Plant (Sept 95/Dec 95)			
Analyte	MRL (ug/L)	MW-2 (ug/L)	MW-3 (ug/L)
Benzene	0.5	ND	ND
		ND	ND
Toluene	1	ND	ND
		ND	ND
Chlorobenzene	0.5	ND	ND
		ND	ND
Ethylbenzene	1	ND	ND
		ND	ND
m-,p-Xylene	1	ND	ND
		ND	ND
o-Xylene	0.5	ND	ND
		ND	ND
1,3-Dichlorobenzene	1	ND	ND
		ND	ND
1,4-Dichlorobenzene	1	ND	ND
		ND	ND
1,2-Dichlorobenzene	1	ND	<4(a)
		ND	<3(a)
Diesel	250	413(b)	280,000(c)
		ND	23,500
Oil	750	221(d)	15,000(c)
		ND	1,880

(a) MRL elevated because of matrix interferences
 (b) Chromatogram did not match the typical diesel fingerprint
 (c) Diluted sample
 (d) Chromatogram did not match the typical oil fingerprint

Based on these results, it appears that there is still some residual hydrocarbon product beneath the west end of the site from the 1987 tank leak. We recommend that LFC continue to monitor the situation.

Master Builders
64 South Lucille Street

Facility/Site Detail

Facility/Site Name: MASTER BUILDERS

Ecology Identifier: 2254

Facility/Site Location

Geographic Location	Latitude/Longitude
Street Address or Location 64 S LUCILE ST City: SEATTLE ZIP Code: 98134 County: KING Congressional District: 7 Legislative District: 11	Latitude: Deg: 47 Min: 33 Sec: 12.38 Longitude: Deg: 122 Min: 20 Sec: 8.12 Decimal Equivalents Latitude: 47.5534 Longitude: 122.3356 Accuracy Level: Unknown

Display the location of this site and all other sites of interest to the Department of Ecology that are approximately within a one half mile radius. Display the location of this site only, but do it via a controllable version of the map.

Reason for Interaction with the Department of Ecology

Interaction Description	Responsible Organization	Ecology Contact Phone #	Status
State Cleanup Site	TOXICS	(360) 407-7224	Inactive

Industrial Classification

SIC Code	SIC Code Description
	No SIC Code Information Available

Mailing Address of Facility/Site

No Address Information Available at this Time

SITE HAZARD ASSESSMENT
RECOMMENDATION FOR NO FUTURE ACTION

Site Name/Location (Street, City, County, Section/Township/Range):

Master Builders
64 S Lucile Street
Seattle, WA 98108
T-24N, R-4E, Sec-19
TCP-ID# N-17-5035-000
Longitude: 122 Degrees, 20 Minutes, 8.12 Seconds
Latitude: 47 Degrees, 33 Minutes, 12.38 Seconds
Method: 99
Site scored for August 18, 1998 Update.

Site Description (Include management areas, substances of concern, and quantities):

Master Builders is an 8,040 square foot commercial lot located in a primarily commercial area in the Georgetown section of the City of Seattle. The site is served by city water and sewer systems. All storm water in this neighborhood is collected and drained into a combined sewer in the street.

Norm Peck of the Washington State Department of Ecology (Ecology) visited the site and noted oil contamination on the soil on a dirt pad behind the office building on April 4, 1990 (ERTS #N1404). There had also been reports received by Ecology to indicate the previous tenant had been pressure washing equipment to the surface of the soil in this area as well (ERTS #N7265, December 30, 1991).

The site was entered onto the known or suspected hazardous waste sites (SIS) list by the Ecology on April 11, 1990 due to oil contamination onto the surface of the ground. On the SIS list, the Site Status for Soil Media was entered as Confirmed for Petroleum Products and Suspected for Halogenated Organic Compounds, and Non-Halogenated Solvents. The Site Status for Surface Water Media was entered as Suspected for Petroleum Products, Halogenated Organic Compounds, and Non-Halogenated Solvents. A 30 day Notice Letter was sent to Master Builders by Louise Bardy, Ecology, on April 24, 1990 to inform that the site was listed with other sites which were known or suspected to be contaminated with hazardous waste.

A site visit was conducted February 27, 1998 by Peter Isaksen of the Seattle-King County Department of Public Health (SKCDPH). The soils suspected of having oil contamination had been covered by asphalt at some time in the past. 90% of the entire site is now covered by an office building, a separate shop building, concrete, and/or asphalt. Small planting strips next to the building and a small area between the shed and the west property line are the only open soils on the site. A drainage way to the north of the site may pick up a small fraction of the drainage of this site, however this drainage area is used mostly by the neighboring property where various rental equipment, backhoes, compressors, generators, etc., are stored. An additional site visit by SKCDPH was conducted on April 7, 1998. The owner of the property was present, and he reported that the original soils earlier seen as contaminated had been removed when the asphalt was placed in front of and around the shop building and behind the office building. As far as he can remember the asphalt company took the soils. A sampling event was scheduled at this site visit.

A site hazard assessment (SHA) sampling event was conducted by SKCDPH on June 1,

1998. No storage of open containers was noted on any site visit. One small stain was seen on the soils near the east property line. No other signs of spills or stains were seen. Vegetation appeared to be growing normally. Four soil samples were collected and analyzed for NWTPH-Gasoline/BTEX, NWTPH-Diesel extended, Semivolatiles, and Total RCRA Metals (8). Samples MAS1 and MAS2 were collected from soils behind the shop building, and between the asphalt and the west property line. Sample MAS3 was taken from the planting strip to the north of the office building, and sample MAS4 was taken from the planting strip to the east of the office building.

Lab analysis was performed by OnSite Environmental Inc., Redmond, WA. All four samples came back as Non Detect for NWTPH-Gasoline/BTEX. All four samples showed a slight amount of oil in the Diesel Fuel C12-24 range with levels ranging from 31-83 mg/kg. The current Method A cleanup level for TPH-diesel is 200 mg/kg. However, a flag indicated that the Diesel Fuel levels by this sampling procedure were elevated due to the presence of Hydrocarbons in the heavy oil range (>C24), currently referred to as TPH-other, or TPH-O. TPH-O (C24-34) ranged from 250-380 mg/kg in the four samples. The Method A cleanup level for TPH-O is currently 200 mg/kg.

Some Metals were found above detection limits, however no result exceeded its Method A cleanup levels. Sample results for Total Metals (EPA 6010B/7471A) above detection limits ranged from 31-66 mg/kg for Barium, 0.58-1.7 for Cadmium (two of the samples were non-detect for Cadmium), 7.9-15 mg/kg for Chromium, and 20-140 mg/kg for Lead. Method A Cleanup Levels for Soils are listed as 2.0 mg/kg for Cadmium; 100.0 mg/kg for Chromium, and 250 mg/kg for Lead. Method A Cleanup Levels for Soils does not list Barium. Method B Formula Values for soil does list a cleanup level for Barium of 5,600 mg/kg.

The four samples did show levels of some Semivolatiles above detection limits however the samples were collected very close to asphalt covered areas and may have contained asphalt remnants. The Semivolatiles found are mostly associated with asphalt products and/or tar. One of the samples, MAS1, showed results slightly elevated above Method B cleanup levels. However, as the Method B levels are set at the PQL for these substances and due to the close proximity of the asphalt, it is not considered a surprise that they may exceed this level. Therefore these substances will not be considered in the assessment of this site.

On the basis of this SHA, SKCDPH's Environmental Health Division recommends that this site receives a no further action (NFA) under MTCA, based on its documented insignificant threat to human health and the environment.

Special Considerations (Include limitations in site file data or data which cannot be accommodated in the model, but which are important in evaluating the risk associated with the site, or any other factor(s) over-riding a decision of no further action for the site):

The storm drainage from the area around this site flows to a combined sewer and is eventually treated at a sewage treatment facility. There are no known drinking water wells within a two mile radius of this site. The remaining petroleum compounds are less than MTCA Method A cleanup levels and are not causing noticeable damage to surrounding vegetation. Nearly the entire site is covered by buildings and/or impervious surfaces. For these reasons a recommendation of NFA appears to be appropriate for this site at this time.

Milwaukee Electric Tool Corporation
5419 Maynard Avenue South

Facility/Site Detail

Facility/Site Name: Milwaukee Electric Tool Corp Seattle

Ecology Identifier: 38243619

Facility/Site Location

Geographic Location	Latitude/Longitude
Street Address or Location 5419 MAYNARD AVE S City: SEATTLE ZIP Code: 98108 County: KING Congressional District: 7 Legislative District: 11	Latitude: Deg: 47 Min: 33 Sec: 14.33 Longitude: Deg: 122 Min: 19 Sec: 31.55 Decimal Equivalentents Latitude: 47.5540 Longitude: 122.3254 Accuracy Level: Unknown

Display the location of this site and all other sites of interest to the Department of Ecology that are approximately within a one half mile radius. Display the location of this site only, but do it via a controllable version of the map.

Reason for Interaction with the Department of Ecology

Interaction Description	Responsible Organization	Ecology Contact Phone #	Status
Hazardous Waste Generator	HAZWASTE	(360) 407-7555	Inactive

Industrial Classification

SIC Code	SIC Code Description
3546	POWER-DRIVEN HANDTOOLS
7699	REPAIR SERVICES, NEC

Mailing Address of Facility/Site

No Address Information Available at this Time

Yearly Recurrent Waste Totals

Milwaukee Electric Tool Corp Seattle
 5419 MAYNARD AVE S
 SEATTLE, WA 98108

EPA ID: WAD 093 690 519

FS ID: 38243619

Contact (HWSC): Johnny Duncan (206)762-8430

County: KING

Region: NWRO

Generator Status

SIC Codes(s)	Description
3546	POWER-DRIVEN HANDTOOLS
7699	REPAIR SERVICES, NEC

YEAR	ON SITE POUNDS	OFF SITE POUNDS	TOTAL POUND
1997	0	2,820	2,820
1996	0	2,530	2,530
1995	0	2,807	2,807
1994	0	2,537	2,537
1993	0	2,719	2,719

Waste Stream Details

For

Reporting Years: 1993 To 1997

Milwaukee Electric Tool Corp Seattle
 5419 MAYNARD AVE S
 SEATTLE, WA 98108

EPA ID: WAD 093 690 519

FS ID: 38243619

County: KING

Region: NWRO

Contact (HWSC): Johnny Duncan (206)762-8430

Generator Status

SIC Codes(s)	Description
3546	POWER-DRIVEN HANDTOOLS
7699	REPAIR SERVICES, NEC

1997 SEQ# 1 RQ Waste combustible liquid N.O.S.
 Pounds: 220 Origin: Recurrent Designation: DW
 Source: Clean out process equipment (A09)
 State Code(s):
 EPA Code: D018

1997 SEQ# 2 Parts washer solvent
 Pounds: 2,600 Origin: Recurrent Designation: DW
 Source: Other cleaning and degreasing (A19)
 State Code(s):
 EPA Code: D022
 EPA Code: D018
 EPA Code: D008
 EPA Code: D006
 EPA Code: D001
 EPA Code: D040

1996 SEQ#1 Parts washer solvent (105)
Pounds: 2,405 Origin: Recurrent Designation: DW
Source: Other cleaning and degreasing (A19)
State Code(s):
EPA Code: D040
EPA Code: D001
EPA Code: D006
EPA Code: D008
EPA Code: D018
EPA Code: D039

1996 SEQ# 2 RQ waste combustible liquid N.O.S.
Pounds: 125 Origin: Recurrent Designation: DW
Source: Clean out process equipment (A09)
State Code(s):
EPA Code: D018

1995 SEQ# 1 Waste grease - wipe out of hand held electric tools - parts washer solvent
(105)
Pounds: 2,807 Origin: Recurrent Designation: EHW
Source: Other cleaning and degreasing (A19)
State Code(s): WP01 WT02
EPA Code: D001
EPA Code: D006
EPA Code: D018
EPA Code: D039
EPA Code: D008

1994 SEQ# 1 PETROLEUM NAPHTHA DE-GREASING
Pounds: 968 Origin: Recurrent Designation: DW
Source: Other (A99)
State Code(s):
EPA Code: F003
EPA Code: D018
EPA Code: D039
EPA Code: D040
EPA Code: D001
EPA Code: F001

1994 SEQ# 2 PETROLEUM NAPHTHA DE-GREASING
Pounds: 161 Origin: Recurrent Designation: EHW
Source: Other (A99)
State Code(s):
EPA Code: F001

EPA Code: D001

EPA Code: D039

EPA Code: D018

EPA Code: F003

EPA Code: F005

1994 SEQ# 3 PETROLEUM NAPHTHA DE-GREASING
Pounds: 400 Origin: Recurrent Designation: EHW
Source: Other (A99)
State Code(s): WC02
EPA Code: F001

EPA Code: F005

EPA Code: D018

EPA Code: D039

EPA Code: D001

1994 SEQ# 4 PETROLEUM NAPHTHA DE-GREASING
Pounds: 187 Origin: Recurrent Designation: EHW
Source: Other (A99)
State Code(s): WC02
EPA Code: D018

EPA Code: F003

EPA Code: D039

EPA Code: D001

EPA Code: F005

1994 SEQ# 5 PETROLEUM NAPHTHA DE-GREASING
Pounds: 407 Origin: Recurrent Designation: EHW
Source: Other (A99)
State Code(s): WC02 WP02
EPA Code: D001

EPA Code: F001

EPA Code: D018

EPA Code: D039

1994 SEQ# 6 PETROLEUM NAPHTHA DE-GREASING
Pounds: 207 Origin: Recurrent Designation: DW
Source: Other (A99)
State Code(s):
EPA Code: D001

EPA Code: D039

EPA Code: D018

EPA Code: D006

EPA Code: F001

EPA Code: F003

1994 SEQ# 7 PETROLEUM NAPHTHA DE-GREASING
Pounds: 207 Origin: Recurrent Designation: DW
Source: Other (A99)
State Code(s): WC02 WP02
EPA Code: D039

EPA Code: D001

EPA Code: D008

EPA Code: F001

EPA Code: D018

1993 SEQ# 1 PETROLEUM NAPHTHA DE-GREASING
Pounds: 601 Origin: Recurrent Designation: EHW
Source: Other (A99)
State Code(s):
EPA Code: F001

EPA Code: F003

EPA Code: F005

EPA Code: D018

EPA Code: D039

EPA Code: D001

1993 SEQ# 2 PETROLEUM NAPHTHA DE-GREASING
Pounds: 1,745 Origin: Recurrent Designation: EHW
Source: Other (A99)
State Code(s):
EPA Code: D039

EPA Code: D001

1993 SEQ# 3 PETROLEUM NAPHTHA DE-GREASING
Pounds: 167 Origin: Recurrent Designation: EHW
Source: Other (A99)
State Code(s): WC02
EPA Code: D039

EPA Code: F001
EPA Code: D018
EPA Code: D001
EPA Code: F005

1993 SEQ# 4 PETROLEUM NAPHTHA DE-GREASING
Pounds: 207 Origin: Recurrent Designation: EHW
Source: Other (A99)
State Code(s): WC02
EPA Code: D001

EPA Code: F003
EPA Code: F005
EPA Code: D018
EPA Code: D039

Modine Aftermarket Holdings, Inc.
115 South Dawson Street

Facility/Site Detail

Facility/Site Name: Modine Aftermarket Holdings Inc

Ecology Identifier: 91919568

Facility/Site Location

Geographic Location	Latitude/Longitude
Street Address or Location 115 S DAWSON ST City: SEATTLE ZIP Code: 98108 County: KING Congressional District: 7 Legislative District: 11	Latitude: Deg: 47 Min: 33 Sec: 20.48 Longitude: Deg: 122 Min: 20 Sec: 1.93 Decimal Equivalents Latitude: 47.5557 Longitude: 122.3339 Accuracy Level: Unknown

Display the location of this site and all other sites of interest to the Department of Ecology that are approximately within a one half mile radius. Display the location of this site only, but do it via a controllable version of the map.

Reason for Interaction with the Department of Ecology

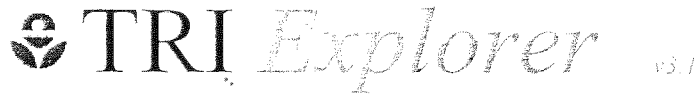
Interaction Description	Responsible Organization	Ecology Contact Phone #	Status
Hazardous Waste Generator	HAZWASTE	(360) 407-7555	Active
Toxics Release Inventory	HAZWASTE	(360) 407-6727	Active

Industrial Classification

SIC Code	SIC Code Description
3714	MOTOR VEHICLE PARTS AND ACCESSORIES

Mailing Address of Facility/Site

No Address Information Available at this Time



Facility Profile Report

EPA Office of Environmental Information

[Return](#)

TRI Facility Profile

TRI Facility Name: **MODINE AFTERMARKET HOLDINGS INC.**
 Address: 115 S. DAWSON ST.
 SEATTLE, WA 98108
 County: KING
 Public Contact: GERALD J. SWEDA
 Phone Number: 262 636-1200

Forms Submitted to TRI in 1999 Reporting Year:

Form R (regular form): 1
 Form A (short form): 0

Standard Industrial Classification (SIC) Code(s) in 1999 Reporting Year:

3714 MOTOR VEHICLE PARTS
 NA

Reported TRI Chemical Data
(in pounds, for all chemicals reported in 1999)

Total On-site Releases:	1
Total Off-site Releases:	.
Total Transfers Off-site for Further Waste Management:	32,512
Total Waste Managed:	32,513

TRI Facility Trend Graphs (click to view trend graph)

[Total On- and Off-site Releases](#)
[Total Transfers Off-site for Further Waste Management](#)
[Total Waste Managed](#)

TRI Chemical Trend Table (click to view trend table)
(all chemicals reported to TRI between 1988 and 1999)

Row #	Chemical	On- and Off-site Releases Trend	Transfers Off-site for Further Waste Management Trend	Quantities of TRI Chemicals in Waste Trend	EPA's IRIS Substance File (Risk Information) i
1	COPPER	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	LEAD	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Other TRI Facility Information

Latitude: 47-33-22
 Longitude: 122-19-52
 Parent Company Name: MODINE MFG. CO.
 Parent Company Dun and Bradstreet: 006092555
 TRI Facility ID Number: 98108MDNWS115SO
 RCRA ID Number (Land): WAD980977755

Down load [all data](#) for MODINE AFTERMARKET HOLDINGS INC.

Note: Reporting year (RY) 1999 is the most recent TRI data available. Facilities reporting to TRI were required to submit RY 1999 data to EPA by July 2000. TRI Explorer is using a "frozen" data set that includes revisions submitted to EPA as of December 28, 2000 for the years 1988 to 1999 (i.e., revisions submitted to EPA after this time are not reflected in TRI Explorer reports). Please access [EPA Envirofacts](#) to view TRI data with the most recent revisions.

Please see [assumptions](#) for revisions submitted by a facility in Pennsylvania in the "no codes" category.

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Facility Profile Report

June 6, 2001

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[Comments?](#)

This request took 11.87 seconds of real time (v8.0 build 1330).



Release:
Trends Report

EPA Office of Environmental Information

[See Note](#)

TRI On-site and Off-site Reported Releases of LEAD (in pounds), By MODINE AFTERMARKET HOLDINGS INC. (TRI ID 98108MDNWS115SO)

Are year to year changes comparable?

Row #	Year	Total Air Emissions ⁽¹⁾	Surface Water Discharges ⁽¹⁾	Underground Injections ⁽¹⁾	Releases to Land ⁽¹⁾	Total On-site Releases ⁽¹⁾	Total Off-site Releases ⁽¹⁾	Total On- and Off-site Releases ⁽¹⁾
1	1996							
2	1997							

[Back to top](#)

Export this report to a text file ⁽ⁱ⁾

Create comma-separated values, compatible with spreadsheet and databases.

all records

View other report type:

- Transfers Off-site for Further Waste Management; or
- Quantities of TRI Chemicals in Waste (waste management)

Note: Reporting year (RY) 1999 is the most recent TRI data available. Facilities reporting to TRI were required to submit RY 1999 data to EPA by July 2000. TRI Explorer is using a "frozen" data set that includes revisions submitted to EPA as of December 28, 2000 for the years 1988 to 1999 (i.e., revisions submitted to EPA after this time are not reflected in TRI Explorer reports). Please access [EPA Envirofacts](#) to view TRI data with the most recent revisions.

Please see [assumptions](#) for revisions submitted by a facility in Pennsylvania in the "no codes" category.

Trend reports include data for prior years and data from "original industries" only after 1997.

On-site releases are from Section 5 of the Form R. Off-site releases are from Section 6 (transfers off-site to disposal) of the Form R. Off-site releases include metals and metal compounds transferred off-site for solidification/stabilization and for waste water treatment, including to POTWs.

A decimal point, or ".", denotes the following:

1. if a decimal point is reported across an entire row, the facility submitted a Form A (i.e., the facility certified that its total annual reportable amount is less than 500 pounds, and does not manufacture, process, or otherwise use more than 1 million pounds); or
2. if a decimal point is reported in a single column, the facility left that particular cell blank in its Form R submission (a zero in a cell denotes either that the facility reported "0" or "NA" in its Form R submission).

Users of TRI information should be aware that TRI data reflect releases and other waste management of chemicals, not exposure of the public to those chemicals. Release estimates alone are not sufficient to determine exposure or to calculate potential adverse effects on human health and the environment. TRI data, in conjunction with other information, can be used as a starting point in evaluating exposures that may result from release and other waste management activities that involve toxic chemicals.

Release:
Trends Report
[Go to TRI Explorer Home](#)

June 6, 2001

[Comments?](#)

This request took 21.28 seconds of real time (v8.0 build 1330).



Release:
Trends Report

EPA Office of Environmental Information

[See Note](#)

TRI On-site and Off-site Reported Releases of COPPER (in pounds), By MODINE AFTERMARKET HOLDINGS INC. (TRI ID 98108MDNWS115SO)

Are year to year changes comparable?

Row #	Year	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases	Total On- and Off-site Releases
1	1988	96				96	18	114
2	1989	102				102	17	119
3	1990	101				101	42	143
4	1991	9				9	0	9
5	1992	8				8		8
6	1993	8				8		8
7	1994	8				8	5	13
8	1995	11				11		11
9	1996	16				16		16
10	1997	1				1	2	3
11	1998	1				1		1
12	1999	1				1		1

[Back to top](#)

Export this report to a text file

Create comma-separated values, compatible with spreadsheet and databases.

all records

View other report type:

- Transfers Off-site for Further Waste Management; or
- Quantities of TRI Chemicals in Waste (waste management)

Note: Reporting year (RY) 1999 is the most recent TRI data available. Facilities reporting to TRI were required to submit RY 1999 data to EPA by July 2000. TRI Explorer is using a "frozen" data set that includes revisions submitted to EPA as of December 28, 2000 for the years 1988 to 1999 (i.e., revisions submitted to EPA after this time are not reflected in TRI Explorer reports). Please access [EPA Envirofacts](#) to view TRI data with the most recent revisions.

Please see [assumptions](#) for revisions submitted by a facility in Pennsylvania in the "no codes" category.

Trend reports include data for prior years and data from "original industries" only after 1997.

On-site releases are from Section 5 of the Form R. Off-site releases are from Section 6 (transfers off-site to disposal) of the Form R. Off-site releases include metals and metal compounds transferred off-site for solidification/stabilization and for waste water treatment, including to POTWs.

A decimal point, or ".", denotes the following:

1. if a decimal point is reported across an entire row, the facility submitted a Form A (i.e., the facility certified that its total annual reportable amount is less than 500 pounds, and does not manufacture, process, or otherwise use more than 1 million pounds); or
2. if a decimal point is reported in a single column, the facility left that particular cell blank in its Form R submission (a zero in a cell denotes either that the facility reported "0" or "NA" in its Form R submission).

Users of TRI information should be aware that TRI data reflect releases and other waste management of chemicals, not exposure of the public to those chemicals. Release estimates alone are not sufficient to determine exposure or to calculate potential adverse effects on human health and the environment. TRI data, in conjunction with other information, can be used as a starting point in evaluating exposures that may result from release and other waste management activities that involve toxic chemicals.

Release:

June 6, 2001

Trends Report

[Go to TRI Explorer Home](#)

[Comments?](#)

This request took 34.97 seconds of real time (v8.0 build 1330).



Date: July 28, 1998

Dangerous Waste Compliance Checklist

TYPE OF VISIT: TECHNICAL ASSISTANCE COMPLIANCE INSPECTION COMPLAINT # _____ Other: _____

Opening Conference: Yes No Site Tour: Yes No Records Review: Yes No Closing Conference: Yes No

Site

Site Name: Modine Manufacturing Co. WAD980977755

Site Contact(s): Mike Stoehr

Title(s): Northwest Regional Manager

Phone: (206) 767-0606 Phone: (800) 456-6606

Address: 115 S. Dawson St.

Mailing Address: _____

City: Seattle Co: King Zip: 98108

Years on Site: _____ SIC# 3714

Generator/Facility Status (circle): LQG

Type of Business: Radiator manufacturer

Ecology

Lead Contact: Mark Wallace Phone: (425) 649-7223 FAX (425) 649-7098

Other Representatives: Barb Smith

Time On Site: 9:15 AM Time Off Site: 9:50 AM

Report Date: 9/1/98 Report By: Mark Wallace

Process Information

Processes that Generate Wastes: Copper radiator fabrication

Waste Streams (description or codes): waste solder flux (D002 D006 D007 D008), Floor dry contaminated with heavy metals (D008)

Pollution Prevention Suggestions, Technical Assistance Referrals

Information and assistance on the following environmental programs is available from:

Pioneer Enamel Manufacture
5531 Airport Way South

Facility/Site Detail

Facility/Site Name: PIONEER ENAMEL MANUFACTURE

Ecology Identifier: 2161

Facility/Site Location

Geographic Location	Latitude/Longitude
Street Address or Location 5531 AIRPORT WAY S City: SEATTLE ZIP Code: 98108 County: KING Congressional District: 7 Legislative District: 11	Latitude: Deg: 47 Min: 33 Sec: 10.98 Longitude: Deg: 122 Min: 19 Sec: 14.48 Decimal Equivalents Latitude: 47.5530 Longitude: 122.3207 Accuracy Level: Unknown

Display the location of this site and all other sites of interest to the Department of Ecology that are approximately within a one half mile radius. Display the location of this site only, but do it via a controllable version of the map.

Reason for Interaction with the Department of Ecology

Interaction Description	Responsible Organization	Ecology Contact Phone #	Status
Hazardous Waste Generator	HAZWASTE	(360) 407-7555	Inactive
WDP General Permit	WATQUAL	(360) 407-6401	Active
State Cleanup Site	TOXICS	(360) 407-7224	Active

Industrial Classification

SIC Code	SIC Code Description
28	CHEMICALS AND ALLIED PRODUCTS
3269	POTTERY PRODUCTS, NEC
3441	FABRICATED STRUCTURAL METAL
3469	METAL STAMPINGS, NEC

Mailing Address of Facility/Site

No Address Information Available at this Time

St Gobain Containers
5801 E Marginal Way S

Facility/Site Detail

Facility/Site Name: Saint Gobain Containers LLC

Ecology Identifier: 94925241

Facility/Site Location

Geographic Location	Latitude/Longitude
Street Address or Location 5801 E MARGINAL WAY S City: SEATTLE ZIP Code: 98134-2413 County: KING Congressional District: 7 Legislative District: 11	Latitude: Deg: 47 Min: 33 Sec: 6.00 Longitude: Deg: 122 Min: 20 Sec: 7.00 <p style="text-align: center;">Decimal Equivalents</p> Latitude: 47.5517 Longitude: 122.3353 Accuracy Level: Unknown

Display the location of this site and all other sites of interest to the Department of Ecology that are approximately within a one half mile radius. Display the location of this site only, but do it via a controllable version of the map.

Reason for Interaction with the Department of Ecology

Interaction Description	Responsible Organization	Ecology Contact Phone #	Status
Air Qual Oper Permit Source	AIRQUAL	(360) 407-6806	Active
Hazardous Waste Generator	HAZWASTE	(360) 407-7555	Inactive
Emergency/Haz Chem Rpt TIER2	HAZWASTE	(360) 407-6729	Active
Toxics Release Inventory	HAZWASTE	(360) 407-6727	Active
Hazardous Waste Generator	HAZWASTE	(360) 407-7555	Inactive
WDP General Permit	WATQUAL	(360) 407-6401	Active
Hazardous Waste Generator	HAZWASTE	(360) 407-7555	Active

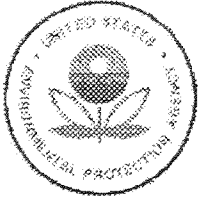
Industrial Classification

SIC Code	SIC Code Description

8221	GLASS CONTAINERS
------	------------------

Mailing Address of Facility/Site

No Address Information Available at this Time



U.S. Environmental Protection Agency

TRI Explorer

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[EPA Home](#) > [TRI](#) > [TRI Explorer \(ver 4.1\)](#) > Reports

Facility Profile Report

[Return to selection](#)

TRI Facility Name: SAINT-GOBAIN CONTAINERS
Address: 5801 EAST MARGINAL WAY S.
 SEATTLE, WA 98134
County: KING
Public Contact: DOUGLAS N. COBURN
Phone Number: 206 762-0660

Forms Submitted to TRI in 2001 Reporting Year:

Form R (regular form): 1

Form A (certification form): 1

[Click here for TRI Reporting Forms in EPA Envirofacts database](#)

Standard Industrial Classification (SIC) Code(s) in 2001 Reporting Year:

3221 GLASS CONTAINERS
 NA Unknown SIC Code

Reported TRI Chemical Data
 (in pounds, for all chemicals reported in 2001)

<u>Total On-site Releases:</u>	409
<u>Total Off-site Releases:</u>	9
<u>Total Transfers Off-site for Further Waste Management:</u>	0
<u>Total Waste Managed:</u>	418

TRI Facility Trend Graphs (click to view trend graph)

[Total On- and Off-site Releases](#)
[Total Waste Managed](#)

TRI Chemical Trend Table (click to view trend table)
 (all chemicals reported to TRI between 1988 and 2001)

Row	Chemical	On- and Off-site	Transfers Off-site for Further Waste	Quantities of TRI Chemicals	EPA's IRIS Substance File
-----	----------	------------------	--------------------------------------	-----------------------------	---------------------------

#		Releases Trend	Management Trend	in Waste Trend	(Risk Information) i
1	CHROMIUM COMPOUNDS (EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
2	ETHYLENE GLYCOL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	LEAD COMPOUNDS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Other TRI Facility Information

Latitude: 47-33-04
 Longitude: 122-20-12
 Parent Company Name: SAINT-GOBAIN CONTAINERS
 Parent Company Dun and Bradstreet: 927756882
 TRI Facility ID Number: 98134BLLNC5801E
 RCRA ID Number (Land): WAD044589935

Down load [all data](#) for SAINT-GOBAIN CONTAINERS

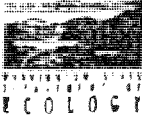
Note: Reporting year (RY) 2001 is the most recent TRI data available. Facilities reporting to TRI were to submit RY 2001 data to EPA by July 1, 2002. TRI Explorer is using a "frozen" data set that includes revisions submitted to EPA as of March 3, 2003 for the years 1988 to 2001 (i.e., revisions submitted to EPA after this time are not reflected in TRI Explorer reports). Please access [EPA Envirofacts](#) to view TRI data with the most recent revisions.

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Facility Profile Report
 Go to [TRI Explorer Home](#) | [Return](#)

August 29, 2003
[Comments?](#)

This request took 1.63 seconds of real time (v8.2 build 1391).



Date: 1/22/97

Dangerous Waste Compliance Checklist

HRW 3.1

TYPE OF VISIT: TECHNICAL ASSISTANCE COMPLIANCE INSPECTION COMPLAINT # _____ Other: _____

Opening Conference Yes No Site Tour Yes No Records Review Yes No Closing Conference Yes No

Site

Site Name: BILL FOSTER WA DO 445 89935

Site Contact(s): Ken Towne

Title(s): Plant Engineer

Phone: 206 1769-6279 Phone: 1

Address: 5501 EAST MARSHALL WAY SUITE 4

Mailing Address: _____

City: Seattle Co: KING Zip: 98134-2497

Years on Site: 65 SIC# 3221

Generator/Facility Status (circle): SQG MQG LQG TSD Recycler Other _____

Type of Business: makes glass

Ecology

Lead Contact: David Hovik Phone: 206 1649-7262 FAX 206 1649-7098

Other Representatives: BOB STONE

Time On Site: 9:45 AM PM Time Off Site: 11:15 AM PM

Report Date: 1/22/97 Report By: David Hovik

Process Information

Processes that Generate Wastes: PARTS cleaning, solvent for ink coating

Exiting tower, discharge to metro on occasion from coating ^{agency} w/chem. plant maint.

Waste Streams (description or codes): cleaning fluid, safetyclean, thinner for ink coating,

refractory waste-chrome brick every 3-5 years.

Pollution Prevention Suggestions, Technical Assistance Referrals

Information and assistance on the following environmental programs is available from:

CONTACT Safety Klenz for analysis of 150 solvent, ~~and~~ do first bioassay on waste solvent.

Conditions Not in Compliance

See Line #
Below

Line No. Violation WAC 173-303 Line No. Violation WAC 173-303

WASTE MANAGEMENT			ADMINISTRATION RECORDS		
1	Waste Designation	-070(3)	20	Notification & Identification #s	-060(2)
2	Failure to Offer Waste to TSD	-141	21	Manifesting	-180
3	Spills/Discharges	-145	22	Large Quantity Generator Plans	-200(1)(b), -320 to -360
4	Treatment-by-Generator	-170(3)	23	Recordkeeping Retention Times	-210
5	Accumulation Time Limits	-200(1)(a)	24	Annual Report/Exception Report	-220
6	Accumulation in Containers/Tanks	-200(1)(b), see 630/640	25	Personnel Training Requirements	-330
7	Container/Tank Labeling	200(1)(c)(d)	26	Preparedness & Prevention	-340
8	Secondary Containment	-200(1)(b)	27	Contingency Plan	-350
9	Satellite Accumulation	-200(2)	28	Emergencies	-360
10	Medium Quantity Generator	-201(c)	29	Permit-by-Rule	-802(5)
11	Ignitable/Reactive/ Incompatible Wastes	-395		OTHER DANGEROUS WASTE CONCERNS	
12	Used Oil Burned for Energy	-515	30		
13	Use/Mgmt. of Containers	-630	31		
14	- Condition of containers	-630(2)	32		
15	- Compatible containers	-630(4)	33	OTHER ENVIRONMENTAL LAWS CONCERNS	
16	- Closed containers	-630(5)(a)	34		
17	- Container handling	-630(5)(b)	35		
18	- Weekly Inspections	-630(6)	36		
19	- Secondary Containment	-630(7)	37		

Reminder: Ecology will provide a copy of the text of regulations for which violations are cited.

Questions, Concerns, Comments

Ecology will: check on tag update frequency.

Owner/Operator will:

Site Name: Pull Fosts GLASS Date: 1/23/97 2044589935

COMPLIANCE ACTIONS REQUIRED

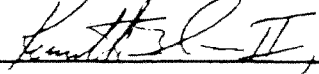
Instructions: The actions identified below are necessary in order to be in compliance with Washington Dangerous Waste Regulations (Ch. 173-303 WAC), or other environmental laws or regulations. Please indicate the date an action is completed and initial each item. If an action is not completed, please note in the "Date Completed" column and explain on back of this page.

Return Completed Form or Request for Extension -- Upon completion of all actions listed below, please mail a copy of this form to the Washington Department of Ecology at the address listed on the back of this page. An extension of the deadlines to achieve compliance may be requested. Please make a request in writing, including the reasons an extension is necessary and proposed date(s) for completion, and send it to the Ecology Lead Contact by _____ (date). Ecology will provide a written approval or denial of your request.

No.	Action(s) Needed to Achieve Compliance	By When?	Date Completed	Initial
	<u>NONE NEEDED</u>			
	<u>AT THIS TIME</u>			

Ecology Lead Contact: David D Hovik Date: 1/23/97

Address: 3190 160th AVE SE BELLEVUE WA 98008

Received By: , KENNETH B TOWNE II, PULL ENGINEER 1/22/97

This checklist serves as a notice of deficiency for technical assistance visits or a notice of correction for other site visits as provided for in the Washington State Law "Implementing Regulatory Reform", Chapter 403, Laws of 1995.

Follow-up by Ecology: Phone Letter Revisit None
 Photos Taken: Yes No Samples Taken: Yes No Splits Offered: Yes / No
 Documents Left: Regulations Step by Step TIMs Focus Sheets
 Additional _____

Assistance/Enforcement Programs Explained: Yes / No
 If you have any questions about information in this Checklist, please call the Ecology Lead Contact. The Department of Ecology is an equal opportunity agency. If you have special accommodation needs, contact Felicia Curtis at (360) 407-6721 or Julie Carrasco at (360) 407-6199 (Voice), or (360) 407-6006 (TDD).

Upon completion of all actions listed on page 3, "Compliance Actions Required", mail a copy of the form and any materials requested by your Ecology Lead Contact to:

Washington Department of Ecology
NW Regional Office
Hazardous Waste & Toxics Reductions
ATTN: David Hovik
3190 160th Ave SE
Bellevue, WA 98008-5254

Sahlberg Equipment
5950 Fourth Avenue South

Facility/Site Detail

Facility/Site Name: SAHLBERG EQUIPMENT

Ecology Identifier: 2450

Facility/Site Location

Geographic Location	Latitude/Longitude
Street Address or Location 5950 4TH AVE S City: SEATTLE ZIP Code: 98108 County: KING Congressional District: 7 Legislative District: 11	Latitude: Deg: 47 Min: 33 Sec: 13.21 Longitude: Deg: 122 Min: 19 Sec: 24.10 Decimal Equivalents Latitude: 47.5537 Longitude: 122.3234 Accuracy Level: Unknown

Display the location of this site and all other sites of interest to the Department of Ecology that are approximately within a one half mile radius. Display the location of this site only, but do it via a controllable version of the map.

Reason for Interaction with the Department of Ecology

Interaction Description	Responsible Organization	Ecology Contact Phone #	Status
Hazardous Waste Generator	HAZWASTE	(360) 407-7555	Inactive
Voluntary Cleanup Sites	TOXICS	(360) 407-7224	Active

Industrial Classification

SIC Code	SIC Code Description
3531	CONSTRUCTION MACHINERY
7538	GENERAL AUTOMOTIVE REPAIR SHOPS
7699	REPAIR SERVICES, NEC

Mailing Address of Facility/Site

No Address Information Available at this Time

CONSTRUCTION EQUIPMENT Distribution

PUBLISHED BY ASSOCIATED EQUIPMENT DISTRIBUTORS

THE SAHLBERG GROUP COMPANIES: STANDING THE TEST OF TIME

*Adapting to an ever-changing marketplace has meant success
for three generations of owners at this Pacific Northwest dealership.*

By Michael J. Major

"Many companies are afraid to change, but to be successful we feel we have to welcome change, and change with it," says Bob Sahlberg, president and CEO of Sahlberg Group Companies, Inc., an AED member since 1950. "We see change as an ongoing process and adapt as needed from year to year and month to month."

There is no arguing that a "changing" philosophy has worked well for the general-line dealership, which is headquartered in Kent, Washington, near Seattle and serves customers in the United States and abroad. At \$40 million, annual sales are three times more than they were just seven years ago. Defying the odds, the family company is in its third generation of ownership. And managers, associates, suppliers and customers alike are celebrating the company's 45th year of business in 1995.

What has been the secret to success?

The most notable aspects of how change has worked at the Sahlberg companies have to do with two key elements: one, an ongoing metamorphosis of organizational structure, and, two, an ability to change "value added" from a *buzz* word into a productive *work* word.

But the best way to get a sense of how the company has evolved, and continues to evolve, is to go back to its beginnings. For the humble origins of this progressive dealership also contained the seeds of where it was to go.

A DEALERSHIP ON THE MOVE

The company was founded in 1950 in Seattle by A.J. Sahlberg when he was 53 years old. His key market was the huge infrastructure and highway programs proceeding at the time, and the main business was sales of rock crushing and gravel equipment. In 1952, A.J.'s son, Jack, quit his budding career with a national grocery chain and, at age 21, joined his father.

In about 1954, the company moved to a newer office in south Seattle. The year 1958 saw the sales of street cleaners and other maintenance and municipal equipment to cities and counties in addition to the sand and gravel products. In 1966, Jack opened an office in Spokane, Washington, as many customers in the Seattle area were taking on road contracts in that area. Also at this time, Jack saw the new OSHA regulations as an opportunity and started directing and promoting the sales of personal and traffic safety equipment.

In the early 1970s, the start of the Alaskan pipeline led to the opening of an office in Anchorage, Alaska. Sales of sand and gravel and safety equipment were strong. In the mid-70s, management saw a need to start diversifying, with different sales forces focusing on different market segments. Jack's

sons, Bob and John, also joined the company at that time. The 1980s were big years of expansion, with new lines, attachments, products and increased sales. Bob spent five years in Alaska and John two years in Spokane, both starting to make contributions that would shape the company.

In 1988, a new office was opened in Portland, Oregon. In 1992 Sahlberg moved from the small Seattle office to the 22,000-square foot headquarters facility in Kent, Washington. Also along the way, a new sales office opened to service Washington's Tri-Cities area.

Continuing in the 1990s, Bob and John completed the purchase of the company, the former becoming president, and the latter executive vice president. The past five years have seen rapid growth, with the company for the first time taking on excavators, wheel loaders and other dirt and compaction equipment.

"This change was brought about through customer input and hand-picked management" Bob Sahlberg says.

"We take a lot of care in supplying excellent product training and services to get the customer involved in our decision-making," adds John Sahlberg

In late 1993 and 1994, the two brothers formed the parent Sahlberg Group Companies that now controls two separate business operations. The first is Sahlberg Equipment, Inc., which sells snow and ice control equipment, asphalt paving machinery, excavators as well as compaction and dirt utility machines to municipal, contractor and industrial customers. The second is Sahlberg Safety and Supply, Inc., which has just moved into a new 18,000-square foot facility in Kent. This company is focused on personal protection, gas detection instruments, confined space, occupational footwear and other environmental, personal and traffic safety equipment. There are separate sales forces for each company, as well as separate groups within the equipment company for both municipal, contractor and rental sales.

"Due to the diversity of Sahlberg Group Companies and the scope of product lines and depth of the markets that we represent, coupled with the expertise that is needed in today's markets, we utilize separate sales forces within these companies," says John. "Presently, we employ 30 sales and product support representatives."

Future expansion plans include a new office north of Seattle and another in southern Oregon to better serve those markets where, Bob Sahlberg says, "We do very well." In addition, export customers include Russia, Japan, South America, Samoa, Mexico, Saudi Arabia and Canada.

Approximately two years ago, the Sahlbergs formed a separate leasing company called Endeavor Corp. There are several reasons for making this a separate company. Endeavor, a Subchapter S company, enables the Sahlbergs to avoid double taxation. A separate leasing company also means the Sahlberg-named companies are not as leveraged or put under capital restrictions. In addition, internal leasing helps, in some ways, the Sahlberg brothers meet the needs of both large and small contractors.

"A lot of times these customers have a very low cash flow in the early part of the season but a good cash flow in September," says Bob Sahlberg. "However the larger finance companies do not want to handle short-term leases. We are able to offer rates and shorter terms that are very competitive. This aid to the contractors also helps build an allegiance to our company."

Bob Sahlberg says the companies take in about \$6 million annually in rentals and conversions, involving about 100 pieces of equipment. Approximately 80% of these rental transactions eventually convert to a sale.

Still another separate entity is a real estate business owned by the brothers to help with succession

planning. This will allow them, when the time comes, to pass the business on to their offspring while maintaining an additional source of retirement income for themselves.

A PROUD TRADITION

The fact that this is a family business is not a negligible one. "To the best of our knowledge, we are the oldest machinery distributorship in the Pacific Northwest under the same family ownership and day-to-day control," says Bob Sahlberg. That is all the more impressive when you consider that 80% of family businesses do not make it to the second generation, and 90% do not make it to the third. The two brothers give their grandfather and father credit for getting the business off to a successful start.

"Because our father entered this business, that encouraged us to do the same," says John Sahlberg. "We were very fortunate that he started loosening the reins early so that we could start implementing our own ideas into the company." Today Jack, 67, is chairman of the board, although years ago he passed on the day-to-day running of the business to Bob, 36, and John, 39.

All of the Sahlbergs' organization changes have been fueled by an underlying drive to add value to the customer's transactions with the company. "What has shaped us are the values that were passed on to us from both our grandfather and father that. The No. 1 lesson they taught us is that customers are hard to get and harder to keep. No. 2, they preached the importance of doing it right the first time, or not doing it at all."

"We instill that philosophy in our associates, whom we consider to be the best in the industry," adds John Sahlberg.

The values that the Sahlbergs add to help their customers are not nominal. For instance, says Bob Sahlberg, "Maintaining and staffing all these different locations and linking them by computer is not a small task, but it's necessary to provide customers with instant response."

He adds that there is now a major expansion going on in Kent with a new 12-bay service and training center. "We presently have 22 mechanics representing and repairing 15 major lines and 10 secondary lines. A larger facility is a definite long-term need."

Training all of these mechanics, of course, is a major and ongoing expense. But with the onset of the company's Total Quality Management program, training has received major emphasis, including computer-aided and video training.

"When we started the TQM process about three years ago, we saw that the main direction we had to take was to communicate more effectively with our employees, whom we call associates," Bob Sahlberg says. "We have to give them knowledge regarding the different aspects of the business, be it financial, product or customer information. Whenever you give associates that knowledge, the customer is all the better for it. Although TQM is the buzz word, it still comes back to communication and knowledge."

Then the training moves down to the customer. "We invest heavily every year in customer training," Bob Sahlberg says. "This can, will and has reduced both our and our manufacturers' expenses regarding downtime and warranties."

The Sahlbergs are not talking about one or two training seminars a year. "For the first 10 months of 1995 we have conducted in excess of 30 in-house and field training seminars," Bob says. "We are not simply going out and starting up a machine, we are taking 15 customers at a time, bringing them to our training facility for a full day of training and providing them with lunch. Sometimes we go to customer locations or job sites to conduct training, either one company at a time or many companies

simultaneously. In some instances we can recoup our costs, and then it becomes a source of revenue."

Another value-added plus for Sahlberg customers is true 24-hour parts and service. "In addition, we also stock demonstrators and inventory for every product we represent," says John Sahlberg. "This is a big expense, but the demonstrators are important for the salesmen and are a key to customer acceptance of the product."

THE VALUE-ADDED PAYOFF

All of these efforts add value and have a direct payoff in developing a strong manufacturer/distributor relationship.

"Insofar as we show we are doing a job for the manufacturer, in turn he will be more receptive to requests like trade shows, advertising, parts support and other job tools," John notes. Sahlberg Equipment is also initiating a three-year program that will result in a considerable investment in parts and service, which, again, has the double benefit of pleasing both customers and manufacturers.

"Being a reputable dealer and providing value-added services is, I think, important to customers today," notes John Sahlberg. "I would venture to say that 80% of the time, we are not the low price or the low bid. Our feeling is that if you train people properly, have the right product and provide good service 100% of the time, you are not going to have the lowest price. What we do is make the customer realize that the value-added services we provide are well worth the extra we charge."

Adds Bob Sahlberg, "In the past, contractors could probably see this a little more easily than municipalities, but the latter is starting to bring this component into their contracts. They are looking at warranties, 24-hour service and trained factory mechanics on staff. More and more they are looking at the full package for bidding.

"We have a policy that we will take back any machine that does not live up to customer expectations," he adds. "Last year we probably took back 10 machines, but the customer may have bought two to three more machines from us because of that gesture. Also, manufacturers have been very supportive in most cases. Some of them still do not get the whole picture. But I believe most AED manufacturer members are in tune with the distributor in understanding that, when it comes to dealing with the customer, it is the whole package that counts."

The Sahlbergs also take care of their 112 associates. Company picnics, open houses, Christmas parties and other events are put on with the purpose of getting families involved. In addition, Bob Sahlberg says, "We give out a fair amount of anniversary awards, achievement of excellence awards and monthly sales awards."

The company has a competitive benefits program that includes a 401K plan. The average employee is 38, and the turnover rate is considerably below the industry average. Further, both Bob and John stay involved with AED as well as with customer associations like NAPA and APWA.

Has the company been able to grow so rapidly without strain? Bob Sahlberg answers, "During the '80s there was limited growth, but during the '90s there has been substantial growth. There is no question that it has been a strain. It has not been a cakewalk, nor without pain, and it has most definitely not been all glory. We have only been able to achieve what we have through the years because of loyal customers and dedicated associates as well as supportive lending institutions and manufacturers.

"There is only so much market out there in any given year. Our expertise is getting what we can aggressively and maintaining what we have. They say customer loyalty is gone, but we have counteracted that by simply doing more for them. Our investment in the company is not just dollars

and cents, but customer and associate value-added benefits."

Adds Bob Sahlberg, "We do a lot of great things, and some not so great. We feel you do not learn if you do not fall down once in a while. We are not doing business the same way we were 10 years ago. Profits are smaller and expenses higher. The industry keep changing. But I think you have to instill in associates that you have to adapt to your environment. You have to adapt to change if you are going to maintain success over the long term."

Mike Major is a free-lance writer in Port Townsend, Washington.



DEPARTMENT OF ECOLOGY

TO: File

FROM: Elaine Atkinson (EA)

SUBJECT: Sahlberg Equipment Property
5950 Fourth Avenue South, Seattle

I conducted a limited review of existing files for the above site during the fall of 1993, at the time when the Society of St. Vincent de Paul was considering purchasing the property. The following documents were reviewed:

- o Level I Environmental Site Assessment, by Rittenhouse-Zeman and Associates, dated April 1991.
- o Environmental Assessment, by RZA AGRA, Inc., dated May 1992.
- o Addendum No. 3 to Proposal No. ENV-L-141; Revised Proposal for Site Characterization and Soil Remediation, by Pacific Testing Laboratories, dated November 9, 1992.
- o Site Characterization and Soil Remediation, by Pacific Testing Laboratories, dated March 15, 1993.
- o Groundwater Monitoring Well Installation and Analysis, by Pacific Testing Laboratories, dated May 25, 1993.
- o Transmittal - Draft Environmental Assessment, by Applied Geotechnology, Inc., dated June 17, 1993.
- o Environmental Assessment, by Applied Geotechnology, dated June 17, 1993.
- o Tabulated and certified analytical results for groundwater samples collected by Pacific Testing Laboratories on June 28, 1993.
- o Recent Data Review, by Applied Geotechnology, Inc., dated July 20, 1993.
- o Sample Results from Sahlberg Equipment, by Pacific Testing Laboratories, dated July 21, 1993.

The following comments are made with respect to the limited review of the above-mentioned documents:

- o The appendix identified as "Seattle Times, February 9, 1958," is not included with the Level I site assessment. Figure 2 is also not included.
- o I reviewed Sanborn Fire Insurance maps available at Ecology to supplement the site history presented in the Level I Environmental Site Assessment. The 1917 Sanborn identified the site and surrounding area as residential. However, by 1929, a large building at the center of the site was

identified as a facility involved in sheet metal works and welding. Another smaller building situated on the site about 75 feet due north of the southwest corner was identified as a machine shop. These areas of the property may require investigation and remediation, as appropriate, before the entire site could be granted NFA status.

- o Known waste handling and storage practices on the site have included an equipment wash area near the southeast corner of the property with associated sumps and pump; an unpaved drum storage area, also at the southeast site corner; a reported waste oil tank at the southwest corner of the service department and shop (building 3); drum storage and equipment maintenance in the open shed (building 4); a possible UST near the northwest corner of the property; and outdoor storage throughout the northern half of the site. There was also a pipe thought to originate on the site that flowed onto Front Street or its right-of-way near the southeast site corner. In addition, United Cleaners occupied the southwest corner of the property for about a year.

The areas mentioned above that have not yet been tested may need to be investigated and remediated as appropriate before the entire site could be granted NFA status.

- o The Site Characterization and Soil Remediation report provides minimal information on the logs for borings A, B and C, installed in the northern portion of the site. Any field notes recorded during construction of these borings would be useful. This report also mentions "near-by surrounding sites with known contamination", but doesn't identify those sites. Finally, groundwater contours should be plotted to scale on a site map. Groundwater reportedly flows to the southwest.
- o As described in the May 1992 environmental assessment, ethylbenzene, toluene and xylene were detected in groundwater at the site at concentrations above cleanup levels. Concentrations of TPH (analyzed by EPA 418.1) were also high (42 ppm) in groundwater downgradient of the site near the property boundary. Up to 6.3 ppm of this TPH was diesel, according to the report. Chlorobenzene was also detected in groundwater at MW-2 at 1.2 ppm. Both monitoring wells were described as exhibiting a "cleaning fluid-like odor." Also of note is that the 1992 groundwater samples were collected with a plastic bailer rather than a stainless steel bailer; therefore, the TPH concentrations in groundwater may have been even higher than the reported TPH levels. Concentrations of TPH in soil were as high as 5,100 ppm (by EPA 418.1).

Following the limited remediation that occurred on this site, contaminant levels in the groundwater appeared to be decreasing; however, they were still at or near cleanup levels even at the property boundary as late as May 1993.

- o The 93 ppb of chlorobenzene detected by Applied Geotechnology in AGI-2, as summarized in the Environmental Assessment Report dated June 17, 1993, approaches the maximum contaminant level for that compound.
- o Table 1 in the report Groundwater Monitoring Well Installation and Analysis should also list 1,2-dichlorobenzene as a contaminant of concern.

- o No analyses for TPH as gasoline or for total metals were ever run on samples from the site. In addition, the site was never investigated for tidal influences.

Again, these observations are based on a limited review of the existing documentation for the site. A more thorough review and site visit may raise additional concerns for the property than those summarized above.



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July 21, 1993
Certificate No. 9306-6635

Mr. Harry Rubin
U.S. BANK - TRUST REAL ESTATE
P.O. Box 720
MS #WWH231
Seattle, WA 98111

Subject: Sample Results from Sahlberg Equipment, Seattle, Washington

Dear Mr. Rubin:

Pacific Testing Laboratories is pleased to submit for your review the following ground water sample results, obtained from ground water monitoring wells located at 5950 Fourth Avenue South, Seattle, Washington, the former Sahlberg Equipment site.

This report is provided for the information of the client only. Reproduction and transmittal of this report by any method and its transmittal to a third party, by any means, except in full, without the written permission of Pacific Testing Laboratories is prohibited.

Thank you for using Pacific Testing Laboratories. If you have any questions, or we can be of further service, please call us at (206) 282-0666.

Sincerely,

Robert P. Shopbell
Manager, Environmental Services

RPS/hlw

Enclosure

cc: Ms. Mary O'Herron
WASHINGTON STATE DEPARTMENT OF ECOLOGY



ANALYTICAL RESULTS

Each table contains detectable concentrations of volatile and chlorinated volatile organic compound concentrations in ground water obtained from MW-1 and MW-2. All other parameters analyzed in EPA Methods 601 and 602 were below analytical detection limits. Included in each table are concentrations of contaminants which were previously above WDOE cleanup levels.

Table 1 contains analytical results from ground water MW-1, while Table 2 contains analytical results from ground water MW-2.

Table 1. - MW-1
Reported in $\mu\text{g/L}$ (parts per billion)

	April 28, 1992 RZA AGRA	December 8, 1992 Pacific Testing Laboratories	May 11, 1993 Applied Geotechnology	WDOE Limit Method A
TPH-D	3,000	1,800	450	1,000
TPH-418.1	NA	NA	910	1,000

NA = Not Analyzed

Table 2. - MW-2
Reported in $\mu\text{g/L}$ (parts per billion)

	April 28, 1992 RZA AGRA	May 11, 1993 Pacific Testing Laboratories	July 6, 1993 Pacific Testing Laboratories	WDOE Limit Method A
TPH-D	6,300	1,000	NA	1,000
Chlorobenzene	1,200	860	330	160*
1,4- Dichlorobenzene	NA	NA	74	1.82*
Ethylbenzene	200	31	52	30
Total Xylenes	1,000	110	80	20
Toluene	380	21	35	40

NA = Not Analyzed

* = Calculated Method B Cleanup levels

CONCLUSIONS AND RECOMMENDATIONS

Ground water sample MW-1, from the monitoring well located in the southwest corner of the previously excavated area currently does not contain concentrations of contaminants in excess of WDOE cleanup levels.

Pacific Testing Laboratories recommends no further action regarding MW-1. Monitoring well MW-1 should be properly abandoned as soon MW-2 is abandoned.

Ground water sample MW-2, from the monitoring well located in the northeast corner of the previously excavated area, continues to contain contaminants at concentrations exceeding WDOE cleanup levels. Of particular concern is the concentrations of 1,4-dichlorobenzene, and chlorobenzene. As with chlorobenzene, Pacific Testing Laboratories anticipates 1,4-dichlorobenzene concentrations to decrease over time, based upon the removal of contaminated soil. The slight increase in ethylbenzene concentrations must also be watched. Pacific Testing Laboratories anticipates ethylbenzene concentrations will continue to decrease in the near future.

Other contaminant concentrations continue with their anticipated decrease.

Pacific Testing Laboratories recommends further sampling and analysis of ground water from MW-2. Particular attention should be placed upon the concentrations of chlorobenzene, 1,4-dichlorobenzene, ethylbenzene and xylenes. A verification analysis for petroleum hydrocarbon concentrations should also be performed.

Pacific Testing Laboratories recommends the sampling event be completed within a three month period.

At your request, Pacific Testing Laboratories will be happy to provide you with a cost estimate to perform the recommend sampling and analysis.

LIMITATIONS

This report has been prepared to aid in the evaluation of the site. Our conclusions and recommendations have been prepared in accordance with generally accepted professional engineering principles and practices. We make no other warranty, either express or implied. Our conclusions are based on visual investigation of the site, and analytical data obtained. Limited subsurface analyses of samples were performed to aid the development of our conclusions and recommendations. If conditions are encountered that appear different from those described in this report, we must be notified so we may review and verify or modify our recommendations.



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March 15, 1993
Certificate No. 9212-6600.7

Mr. Harry A. Rubin
U.S. BANK - TRUST REAL ESTATE
M/S WWH271
P.O. Box 720
Seattle, Washington 98111-0720

Subject: Site Characterization and Soil Remediation at Sahlberg Equipment, Inc. Property,
Seattle, Washington

Dear Mr. Rubin:

Pacific Testing Laboratories is pleased to submit to you the following report detailing site characterization and soil remediation at the former Sahlberg Equipment, Inc. property, located at 5950 Fourth Avenue South, Seattle, Washington.

Copies of this report have been forwarded to the required regulatory agencies.

This report is provided for the information of the client only. The reproduction of this report, by any method, and its transmittal to a third party, by any means, except in full, without the written permission of Pacific Testing Laboratories, is prohibited.

U.S. BANK - TRUST REAL ESTATE

Certificate No. 9212-6600

Letter, Page 2

Thank you for using Pacific Testing Laboratories. If you have any questions, or if we can be of further assistance to you, please contact us at (206) 282-0666.

Reviewed and Technically Approved by: Frank T. Jarnot, P.E., Chief Engineer

Sincerely,



Robert P. Shopbell,
Environmental Scientist

RPS/hlw

Enclosure

cc: Mary O'Herron, Washington State Department of Ecology
NORTHWEST REGIONAL OFFICE
3190 160th Avenue Southeast
Bellevue, WA 98008-5452

Report Prepared for:

U.S BANK - TRUST REAL ESTATE

P.O. BOX 720

SEATTLE, WASHINGTON 98111-0720

Subject:

SOILS REMEDIATION AT
SAHLBERG EQUIPMENT
5950 FOURTH AVENUE SOUTH
SEATTLE, WASHINGTON

Prepared by:

PACIFIC TESTING LABORATORIES

3257 16TH AVENUE WEST

SEATTLE, WASHINGTON 98119

March 15, 1993

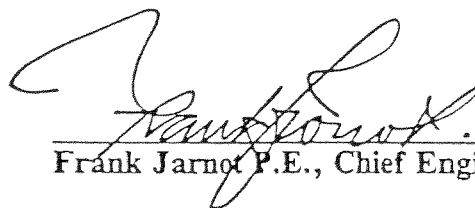
Certificate No. 9212-6600

Prepared by:



Robert P. Shopbell
Environmental Scientist

Reviewed by:



Frank Jarnot P.E., Chief Engineer

SOILS REMEDIATION AT
5950 Fourth Avenue South
Seattle, WASHINGTON

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U.S. BANK - TRUST REAL ESTATE
Certificate No. 9212-6600.7
Report, Page 1

SOILS REMEDIATION AT
5950 FOURTH AVENUE SOUTH
SEATTLE, WASHINGTON

1.0 EXECUTIVE SUMMARY

The objective of this project was to further establish extent of a petroleum hydrocarbon contamination, verification of ground water contaminant levels and the remediation of petroleum hydrocarbon contaminated soils from a limited area of the subject site. The contamination point source, storage drums located on-site for many years, had been removed when the existing business closed operations and moved to another location.

Sub-surface exploration at other locations on the subject site did not indicate Total Petroleum Hydrocarbons (TPH) concentrations in excess of Washington State Department of Ecology (WDOE) regulatory limits. Ground water near the excavated site indicated continued TPH concentrations above WDOE limits. Ground water samples obtained from monitoring wells surrounding the excavation site did not indicate elevated TPH concentrations. Petroleum hydrocarbon contaminated soils were excavated, and transported to a transfer station for subsequent disposal at a lined landfill.

Petroleum hydrocarbon contaminated soils have been successfully remediated from this portion of the subject site. The presence of soils containing TPH at concentrations in excess of WDOE limits is remote at other portions of the subject site. The presence of TPH concentrations in excess of regulatory limits in ground water suggests ground water remediation may be necessary.

2.0 PREVIOUS REPORTS

U.S. Bank - Trust Real Estate gave Pacific Testing Laboratories two reports to review regarding the subject site in preparation of this report.

"Level I Environmental Site Assessment, Sahlberg Equipment, Inc., Property."
Rittenhouse-Zeman & Associates, April, 1991.

"Environmental Site Assessment, Sahlberg Equipment Facility." RZA AGRA, Inc., June,
1992.

A copy of each report reviewed in the preparation of this report is included in Appendix E.

3.0 SITE BACKGROUND

While performing a Phase I Environmental Assessment at 5950 Fourth Avenue South, Rittenhouse-Zeman & Associates (now known as RZA AGRA, Inc.) discovered indications of petroleum hydrocarbon contamination. They subsequently installed two ground water monitoring wells. During the placement of each well, soils with TPH concentrations in excess of WDOE regulatory limits were encountered. RZA AGRA estimated contaminated soils to be four feet below grade.

Additionally, ground water samples obtained from the monitoring wells indicated TPH concentrations exceeding WDOE limits.

Pacific Testing Laboratories was retained to investigate the possibility that the source of petroleum hydrocarbon contaminated ground water was from off site, as well as establish the potential for petroleum hydrocarbon contaminated ground water to be migrating off site. Secondly, Pacific Testing Laboratories was to establish the potential for soil contaminated with petroleum hydrocarbons to exist at other on-site locations. Finally, Pacific Testing Laboratories was to remediate known petroleum hydrocarbon contaminated soils. Due to expected TPH concentrations in soil, as well as expected contaminated soil volume, landfill disposal at Regional Disposal Company's Roosevelt Regional Landfill was selected as the remediation technique of choice.

4.0 SAMPLING METHODOLOGY

U.S. Bank was interested in obtaining data on the condition of sub-surface soils in the area between the office building and the warehouse. Due to the fact that the elevation of the subject site at this location is approximately five feet below surrounding street elevations, soil samples were obtained at five feet below grade in three locations.

Standard penetration tests were performed at five foot below grade, utilizing a two-inch O.D. split-spoon sampler. Penetration tests consist of driving the sample tube with a 140 pound hammer having a 30 inch free fall. The number of blows per six-inch increment were recorded on the boring logs. The number of blows required to cause the last 12 inches of penetration was used as an indicator of the relative density of the underlying soils. Samples from the split spoon were classified in the field, then taken to the laboratory for analysis.

Soils encountered in Boring A were dark brown sand in nature. Ground water was encountered at four feet below grade. Boring B contained soils that were gray brown and silty. Ground water was encountered at four feet below grade. Boring C also contained gray brown silty soil. No ground water was encountered in this boring.

4.0 SAMPLING METHODOLOGY, CONTINUED

One soil sample from each of the three borings (A, B, and C) were obtained by the use of Pacific Testing Laboratories' B-65 drill rig, which uses a 140 pound hammerhead to drive a 2 inch diameter split spoon sampler into the soil matrix. To obtain soil samples at the desired level, holes were bored by the use of a 6 inch diameter hollow stem auger. Prior to obtaining soil samples, the split spoon was decontaminated to prevent cross contamination from previous sampling events. Soil samples from each sampling level were transferred from the split spoon to the appropriate pre-labeled glass sampling jars. Soil samples were obtained at 5 feet below grade. These samples were placed in an ice filled cooler for transportation back to the laboratory.

Ground water samples were obtained from the original ground water monitoring wells, MW-1 and MW-2. Ground water level in monitoring well MW-1 was approximately five feet below grade during the sampling event, December 8, 1992 at 3:05 pm. Ground water level in monitoring well MW-2 was approximately four feet below grade the same day, at 3:20 pm. A total of three well volumes was purged with a plastic disposable bailer from each well immediately prior to obtaining each sample. A new bailer was used to obtain the ground water sample. Each sample was placed in the appropriate previously labeled glass sampling jar, placed in an ice filled cooler and transported to the laboratory for analysis.

Two other borings were placed for the purpose of obtaining ground water samples. One boring was placed in South Front Street, the second was placed to the west of the original ground water monitoring wells installed by RZA AGRA.

Six soil samples from each of the two additional borings (MW-A and MW-B) were also obtained by the use of Pacific Testing Laboratories' B-65 drill rig. Holes were bored by the use of a 6 inch diameter hollow stem auger. Prior to obtaining soil samples, the split spoon was decontaminated to prevent cross contamination from previous sampling events. Soil samples from each sampling level were transferred from the split spoon to the appropriate pre-labeled glass sampling jars. Soil samples were obtained at 2.5, 5, 7.5, 10, 12.5 and 15 feet below grade. These samples were placed in an ice filled cooler for transportation back to the laboratory. At the laboratory, equal volumes of soil from sampling levels 2.5 and 5, 7.5 and 10, 12.5 and 15, of each boring were composited for analysis.

To sample ground water, a 2 inch diameter monitoring well was installed in borings MW-A and MW-B and developed. Ground water samples were obtained with a disposable baler, after purging of each well was complete. Each sample was placed in a previously prepared glass liquid sample jar, and transported to the laboratory for analysis.

4.0 SAMPLING METHODOLOGY, CONTINUED

Ground water depth in each monitoring well was approximately 6 feet below grade at the time of sampling. Ground water sample MW-A was obtained at 14:09 and ground water sample MW-B was obtained at 14:50 on December 14, 1992.

Random soil samples were obtained throughout the excavation process. These soil samples were obtained to characterize contaminated soil for disposal purposes. Six soil samples were obtained by random grabs of excavated material. These samples were labeled 1 through 6. Approximately 100 cubic yards of material was excavated and stockpiled on-site. Analytical results indicated that disposal soil samples did not contain TPH concentrations above detection limit. A seventh soil sample, Sample 7, was obtained from composited random grabs of the stockpile. Again, this soil sample did not contain TPH concentrations above detection limits.

Ten random grab composite soil samples were obtained from the excavation to assure over-excavation of petroleum contaminated soils. Each composite sample was obtained via random grabs of five sub-samples from a minimum of six inches below grade. Each sample was composited on-site, and placed in an ice filled cooler for transport back to the laboratory.

Analytical results of composite sample S-2 indicated TPH concentrations exceeding WDOE limitations. After further excavation, an eleventh composite sample, S-3, was obtained to verify over-excavation of the area represented by composite soil sample S-2.

Based upon analytical results of disposal soil samples, it was decided to backfill the excavation with stockpiled materials. Pacific Testing Laboratories utilized a Case 580 front end loader to move the stockpiled materials to the excavation. Each bucket load was monitored with the use of a MicroTip MP-1000 Photoionization Detector (PID). Based upon PID measurements of volatile organic compounds (VOC), each load was placed in the excavation or secondarily stockpiled for disposal.

U.S. Bank - Trust Real Estate requested backfilled soils to be compacted for preparation of asphalt covering. With the exception of the southern portion of the excavation, nuclear densometer values met or exceeded 95% compaction. The southern boundary failed to meet 95% compaction due to excessive moisture in the ground. Compaction will be achieved once the soil is able to dry out in the summer heat. The soil technicians field report is included Appendix D.

Complete bore logs are presented in Appendix C.

A site map containing bore hole, monitoring well and over-excavation sample locations is included in Appendix A.

5.0 EXCAVATION ACTIVITIES

Pacific Testing Laboratories utilized a Case 580 backhoe to excavate petroleum hydrocarbon contaminated soils from the southeast corner of the subject site. Based upon review of the RZA AGRA report, contaminated soils were expected to be approximately four feet below grade. Excavation began in the southeast corner of the area of concern. A layer of coarse gravel appeared to contain the majority of contamination. Migration of petroleum hydrocarbons was inhibited by a band of compact sands, located at 0.5 to 3.0 feet below grade. On-site PID analysis revealed VOC concentrations to be as high as 300 parts per million (ppm) in the gravel layer. Beneath the compact sand layer, PID analysis revealed VOC concentrations to be below 10 ppm. Pacific Testing Laboratories utilizes a VOC concentration action level of 30 ppm for segregation of contaminated and non-contaminated soils.

The compacted sand layer was 3.5 feet below grade throughout the southern boundary of the area of concern. The layer was closer to grade the farther north the excavation continued. VOC concentrations, as measured by on-site PID analysis, were less than 10 ppm along the northern boundary of the area of concern.

Petroleum hydrocarbon contamination was limited to a small concentrated area, and not as widespread as past reports indicated. This limited area impacted field measurements, leading to an excess amount of soil being excavated. Stockpiled soil was then placed in the excavation. Each bucket load was monitored with the PID. If head space measurements indicated VOC concentrations in excess of 30 ppm, this soil was sampled and stockpiled for disposal. Approximately 40 cubic yards of soil were segregated. Soil samples were obtained from each bucket load containing VOC concentrations in excess of 30 ppm. They were labeled 1A through 5A. Each sample was placed in an ice filled cooler for transport back to the laboratory. Due to the limited volume of segregated soil, Pacific Testing Laboratories analyzed only samples 3A and 5A. These soil samples contained VOC concentrations in excess of 90 ppm, as read by the PID.

Material disposed was assigned a tracking number of 93-1115 by Regional Disposal Company. Transportation of contaminated soils to Regional Disposal Company's Seattle transfer station was completed on March 11, 1993, by Blakley Brothers, under Pacific Testing Laboratories guidance. Based upon gate tickets, 71.36 tons of material was disposed. Ultimate disposal of material is the Roosevelt Regional Landfill, in Klickitat County, Washington.

6.0 ANALYTICAL METHODOLOGY

Petroleum hydrocarbon contamination was suspected in the area where soil samples A, B and C were obtained. Each sample was analyzed utilizing WDOE approved Washington Total Petroleum Hydrocarbon (WTPH-HCID) analysis. Each sample contained petroleum hydrocarbons in the diesel range. Further analysis utilizing Washington Total Petroleum Hydrocarbon - Diesel (WTPH-D) quantified concentrations of diesel range hydrocarbons. Analytical results are presented in Table 1.

Petroleum hydrocarbon contamination was also suspected in composite soil samples obtained during the installation of ground water monitoring wells MW-A and MW-B. Each composite sample was analyzed utilizing WTPH-HCID. This analysis revealed each sample contained petroleum hydrocarbons in the diesel range, thus WTPH-D was utilized to quantify diesel concentrations. Analytical results are presented in Table 2.

Ground water samples MW-1 and MW-2 were obtained from monitoring wells installed by RZA AGRA. Previous analysis of ground water samples obtained from both wells indicated elevated concentrations of heavy oil petroleum products, and diesel. Thus ground water samples MW-1 and MW-2 were analyzed utilizing WTPH-418.1, for heavy oils, and WTPH-D, for diesel range petroleum products. Additionally, previous analysis of ground water samples obtained from MW-2 revealed elevated concentrations of Benzene, Toluene, Ethylbenzene, Xylenes (BTEX). Ground water sample MW-2 was additionally analyzed utilizing the United States Environmental Protection Agency (EPA) Method 8020. Analytical results are presented in Table 3.

Ground water samples obtained from newly installed ground water monitoring wells MW-A and MW-B were analyzed utilizing WTPH-418.1, WTPH-D and EPA Method 8020, based upon ground water analysis results presented in the RZA AGRA report. Analytical results are presented in Table 4.

Soil samples obtained for disposal characterization were analyzed utilizing WTPH-HCID, due to unknown carbon chain length of petroleum hydrocarbons suspected. Analytical results are presented in Table 5.

Composite soil samples obtained for verification of over-excavation were analyzed utilizing WTPH-HCID. Analytical results are presented in Table 6.

7.0 ANALYTICAL RESULTS

Soil samples obtained from borings A, B and C did not indicate TPH concentrations in excess of WDOE limits.

Table 1.
TPH Concentrations, in ppm
Dry Weight Basis

Sample	WTPH-D
A	44
B	42
C	46
WDOE Limit	200

Analysis of composite soil samples obtained during the installation of ground water monitoring wells MW-A and MW-B indicated that soils from MW-A contained elevated TPH concentrations, while soils from MW-B did not.

Table 2.
TPH Concentrations, in ppm
Dry Weight Basis

Sample	WTPH-D
Composite MW-A-2.5', MW-A-5'	207
Composite MW-A-7.5', MW-A-10'	321
Composite MW-A-12.5', MW-A-15'	49
Composite MW-B-2.5', MW-B-5'	52
Composite MW-B-7.5', MW-B-10'	39
Composite MW-B-12.5', MW-B-15'	42
WDOE Limit	200

7.0 ANALYTICAL RESULTS, CONTINUED

Analysis of ground water samples obtained from monitoring wells MW-1 and MW-2 revealed continued elevated concentrations of diesel range petroleum hydrocarbons. Ground water sample MW-2 also contained elevated levels of heavy oil range petroleum hydrocarbons.

Table 3.
Concentrations in ppm

Sample	WTPH-418.1	WTPH-D	Benzene	Toluene	Ethyl-Benzene	Xylenes
MW-1	<1.0	1.8	NA	NA	NA	NA
MW-2	1.1	8.3	<0.001	<0.025	<0.010	<0.015
WDOE Limit	1.0	1.0	0.005	0.040	0.030	0.020

< = less than

NA = Not Analyzed

Parameters analyzed in ground water samples obtained from monitoring wells MW-A and MW-B did not indicate contaminated concentrations in excess of WDOE limits.

Table 4
Concentrations in ppm

Sample	WTPH-418.1	WTPH-D	Benzene	Toluene	Ethyl-Benzene	Xylenes
MW-A	<1.0	<1.0	<0.001	<0.025	<0.010	<0.015
MW-B	<1.0	<1.0	<0.001	<0.025	<0.010	<0.020
WDOE Limit	1.0	1.0	0.005	0.040	0.030	0.020

< = less than

7.0 ANALYTICAL RESULTS, CONTINUED

Analysis of soils for disposal characterization did not initially revealed elevated TPH concentrations. Reduction of the initial stockpile revealed petroleum hydrocarbon contaminated "hot spots". These samples, 3A and 5A contained TPH concentrations in excess of WDOE limits.

Table 5.
TPH Concentrations in ppm
Dry Weight Basis

Sample	WTPH-G	WTPH-D	WTPH-418.1
1	<20	<25	<100
2	<20	<25	<100
3	<20	<25	<100
4	<20	<25	<100
5	<20	<25	<100
6	<20	<25	<100
7	<20	<25	<100
3A	<20	<25	321
5A	<20	<25	256
WDOE Limit	100	200	200

< = less than

7.0 ANALYTICAL RESULTS, CONTINUED

Analytical results of over-excavation samples revealed that petroleum hydrocarbon contaminated soils had been successfully excavated from the site.

Table 6.
TPH Concentrations in ppm,
Dry Weight Basis

Sample	WTPH-G	WTPH-D	WTPH-418.1
N-1, North wall, west area	<20	<25	<100
N-2, North wall, east area	<20	<25	<100
E-1, East wall, north area	<20	<25	<100
E-2, East wall, south area	<20	<25	<100
S-1, South wall, east area	<20	<25	<100
S-2, South wall, west area	<20	<25	392
S-3, South wall, west area	<20	<25	<100
W-1, West wall, south area	<20	<25	<100
W-2, West wall, north area	<20	<25	<100
B-1, Base east area	<20	<25	<100
B-2, Base west area	<20	<25	<100
WDOE Limit	100	200	200

< = less than

All laboratory reports are contained in Appendix B.

8.0 LITERATURE REVIEW

Pacific Testing Laboratories reviewed six WDOE files on near-by surrounding sites with known contamination. The purpose of these reviews was to establish a background TPH concentration for the subject sites immediate surroundings. Each site reviewed contained TPH concentrations in excess of WDOE limits for ground water. Five of the six sites reviewed contain gasoline and its components in excess of WDOE limits. One site contained only diesel contamination. Four of the sites had completed ground water remediation, the remaining two sites were performing on-going ground water remediation.

No report reviewed indicated ground water conditions of the entire South Seattle area. Each report addressed ground water conditions on the subject site only.

9.0 CONCLUSIONS

Analytical results of soil samples obtained in borings A, B and C indicate minimal TPH concentrations. These concentrations are significantly below WDOE limits of 200 ppm for diesel in soil. Pacific Testing Laboratories concludes that there is petroleum hydrocarbon contamination in the area sampled, but in concentrations below clean-up levels. This suggests petroleum hydrocarbons, specifically in the diesel range, exist throughout the subject site, but not in concentrations requiring mandated clean-up.

During the placement of ground water monitoring well MW-A, soils were encountered that contained elevated TPH concentrations in the diesel range. The location of MW-A, in South Front Street, means that the City of Seattle is responsible for contaminated soils, and not Sahlberg Equipment. Soils encountered during the installation of MW-B also contained measurable TPH concentrations in the diesel range. These levels were not in excess of WDOE clean-up levels, and were consistent with analytical results obtained from soil samples A, B and C.

Petroleum hydrocarbon contamination encountered in the southeast property corner excavation was in the heavy oil range, not in the diesel range. Therefore, Pacific Testing Laboratories concludes that diesel contamination encountered in South Front Street has negligible impact on the subject site.

Ground water samples from MW-1 and MW-2 still contained elevated levels of petroleum hydrocarbons. Analytical results of MW-2 indicate that BTEX concentrations have diminished over time from previous sampling activities. Pacific Testing Laboratories concludes BTEX contamination appears to have been remediated, but petroleum hydrocarbon contamination still needs to be addressed.

do be address
still need
in H2O
pet. hyd.

contain
in air
BTEX-
in air

U.S. BANK - TRUST REAL ESTATE

Certificate No. 9212-6600.7

Report, Page 12

9.0 CONCLUSIONS, CONTINUED

Analytical results of ground water samples MW-A and MW-B did not indicate TPH or BTEX concentrations in detectable concentrations. Pacific Testing Laboratories concludes that ground water contamination in the excavation area (MW-1 and MW-2) has not impacted ground water in surrounding areas, as evidenced by the ground water condition of MW-B. Pacific Testing Laboratories also concludes that ground water contamination in the excavation area is due to immediate surroundings, and not off-site sources, as evidenced by the ground water condition of MW-A.

Nuclear densometer field measurements indicated that a majority of the excavation site meets or exceeds 95% compaction. Once the southern boundary of the excavation area has had an opportunity to dry out, further densometer measurements are expected to meet 95% compaction.

Based upon analytical results of over-excavation soil and disposal soil samples, Pacific Testing Laboratories concludes that petroleum hydrocarbon contaminated soils have been successfully excavated and removed from the subject site.

Due to the nature of heavy oil petroleum hydrocarbons, aging of contaminants is beyond the scope of analysis performed. Pacific Testing Laboratories cannot further any conclusions regarding the age of contaminants.

Literature review of similar projects located near the subject property did not indicate elevated TPH concentrations throughout the South Seattle area. These projects have remediated, or are undergoing remediation of their ground water contamination. Based upon other factors of the South Seattle area, Pacific Testing Laboratories concludes that although ground water remediation may be necessary, WDOE may accept contaminant levels at concentrations above established drinking water levels. WDOE has the ultimate decision authority for accepting contaminate concentrations.

10.0 RECOMMENDATIONS

Ground water samples obtained and analyzed from ground water monitoring wells MW-A and MW-B did not contain detectable concentrations of TPH or BTEX. No further sampling is recommended. Pacific Testing Laboratories recommends carrying out monitoring well abandonment of monitoring wells MW-A and MW-B. Pacific Testing Laboratories will be happy to provide you with a detailed scope of work and cost estimate to abandon these wells, at your request.

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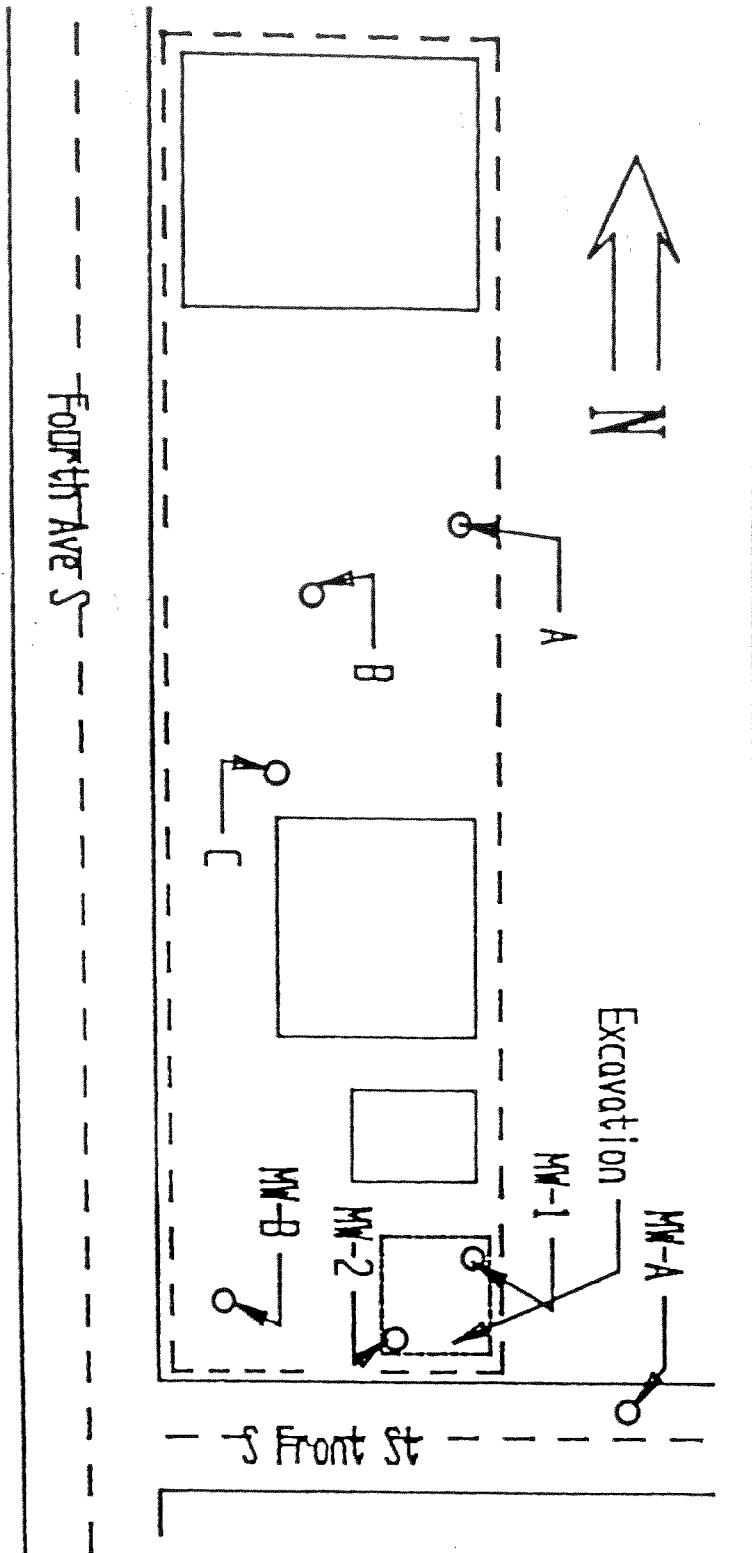
10.0 RECOMMENDATIONS, CONTINUED

Ground water located in the area where the excavation occurred remains contaminated with petroleum hydrocarbons. Soils containing excessive TPH concentrations which may impact adjacent ground water, have been successfully removed from the area by Pacific Testing Laboratories and its sub-contractors. Pacific Testing Laboratories recommends that further ground water samples from MW-1 and MW-2 be obtained and analyzed for TPH concentration on a quarterly basis. If elevated TPH concentrations persist, further ground water remediation may be necessary. Pacific Testing Laboratories will be happy to provide you with a detailed scope of work and cost estimate to obtain and analyze ground water samples, at your request.

11.0 LIMITATIONS

This report has been prepared to aid in the evaluation of the site. Our conclusions and recommendations have been prepared in accordance with generally accepted professional engineering principles and practices. We make no other warranty, either expressed or implied. Our conclusions are based on results of field explorations in a limited portion of the subject site, and on our interpretation of analytical results. If conditions are encountered that appear different from those described in this report, we must be notified so we may review and verify or modify our recommendations.

Appendix A
Site Map



Site Map
Not to Scale

DEPARTMENT OF ECOLOGY
ERT SYSTEM - INITIAL REPORT/FOLLOWUP

To mail ENTERED
From ecb

COORDINATOR: SUSANNE WINTER UNIQUE RECORD #: N10236 REGION: N

DATE/TIME REC'D: 08/28/92 REPORT TYPE: INITIAL

REPORTER'S NAME: HARRY A. RUBIN BUSINESS NAME:
US BANK

ADDRESS: BEST TIME
OR ANONYMOUS: TO CALL:

WORK PHONE: (206)-344-4571 EXT. HOME PHONE:

DETAILS ON INCIDENT:

COUNTY: KING NEAREST CITY: SEATTLE
WATERWAY: WFIA #:
LOCATION:

WEATHER: UNKNOWN TIDE:

DETAILS ON ALLEGED VIOLATOR:

NAME & ADDRESS: CONTACT'S NAME:
US BANK/ARTHUR J. SAHLBERG HARRY RUBIN
5950 4TH AVE E PHONE NUMBER AND EXT:
SEATTLE WA (206)-344-4571

VEHICLE INFORMATION:

DESCRIPTION OF CONTAMINANT: (PROVIDED BY REPORTER)

MEDIUM: SOIL
MATERIAL: HAZ MATERIAL OTHER:
QUANTITY:
SOURCE: COMMERCIAL

COMMENTS: LETTER TO REPORT DISCOVERY OF A RELEASE OF HAZ SUB AT PROPERTY.
AN ENVIRONMENTAL ASSESSMENT REVEALED SOIL & GROUNDWATER HAD BEEN
CONTAMINATED IN THE SW CORNER OF THE PROPERTY BY PETROLEUM
HYDROCARBONS AND VOLATILE ORGANIC COMPOUNDS. ATTACHMENT REFERED
TO IN LETTER WAS NOT THERE. SEE LETTER.

Prev. complaint on prop. # N 5445. -

REFERRED TO PROGRAM: HWICF SECTION HEAD: GALLAGHER-I.I.

INTERNAL REFERRAL? (Y/N): N

EXTERNAL, WHAT AGENCY: _____

INVESTIGATION COMPLETED? (Y/N): N
IF YES, COMPLETE SECOND PAGE OF FORM.

DEPARTMENT OF ECOLOGY
ERT SYSTEM - INITIAL REPORT/FOLLOWUP

COORDINATOR: BELINDA HOVDE UNIQUE RECORD #: N5445 REGION: N

DATE/TIME REC'D: 07/26/91 10:32:00 REPORT TYPE: INITIAL

REPORTER'S NAME: BUSINESS NAME:

ADDRESS: BEST TIME

WORK PHONE: EXT. OR ANONYMOUS: A HOME PHONE: TO CALL:

DETAILS ON INCIDENT:

COUNTY: KING NEAREST CITY: SEATTLE
WATERWAY: STORMDRAIN WRIA #:
LOCATION: 5950 4TH ST. SOUTH. NEAR 4TH AND FRONT ST.. SEATTLE.

WEATHER: TIDE:

DETAILS ON ALLEGED VIOLATOR:

NAME & ADDRESS: CONTACT'S NAME:
SAHLBERG EQUIPMENT CO. PHONE NUMBER AND EXT:
5950 4TH ST. S
SEATTLE WA

VEHICLE INFORMATION:

DESCRIPTION OF CONTAMINANT: (PROVIDED BY REPORTER)

MEDIUM: SURFACE WATER
MATERIAL: OIL/PETROLEUM OTHER: GAS/OIL/SOLVENTS
QUANTITY: UNKNOWN
SOURCE: COMMERCIAL

COMMENTS: THE CALLER SAID THAT THIS IS THE 3RD OR 4TH TIME THAT THEY HAVE SEEN THE COMPANY PUTTING THE LIQUIDS DOWN THE STORMDRAIN. IT IS OCCURRING AT THE SE CORNER OF THEIR PROPERTY. THERE IS A PIPE EMPTYING ON TO FRONT ST UNDERNEATH A CYCLONE FENCE AND THERE IS A SUBSTANTIAL AMOUNT.

REFERRED TO PROGRAM: HWICF SECTION HEAD: GALLAGHER

EXTERNAL REFERRAL? (Y/N): N

IF EXTERNAL. WHAT AGENCY: _____

INVESTIGATION COMPLETED? (Y/N): N
IF YES. COMPLETE SECOND PAGE OF FORM.

SAHLBERG EQUIPMENT FACILITY

5950 Fourth Avenue South
Seattle, Washington

Prepared for
U.S. Bank of Washington

W-7497-1

June, 1992

1992
Report

RZA AGRA, Inc.
Engineering & Environmental Services

 **AGRA**
Earth & Environmental Group

U.S. bank of Washington
4 June 1992

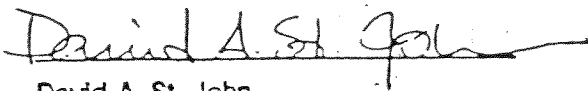
W-7497-1
Page 2

occurred as the person(s) required to submit the report. It is our opinion that the release confirmed by this study is reportable and that Ecology should be notified.

We appreciate this opportunity to be of service to you and would be pleased to discuss the contents of this report, or other aspects of the project with you at your convenience.

Respectfully submitted,

RZA AGRA, Inc.



David A. St. John

Environmental Geologist

Environmental Assessment
Sahlberg Equipment Facility
5950 Fourth Avenue South
Seattle, Washington

Prepared for

U.S. Bank of Washington, Trust Group
P.O. Box 720
Seattle, Washington 98111-0720

Prepared by

RZA AGRA, Inc.
11335 NE 122nd Way, Suite 100
Kirkland, Washington 98034-6918

May 1992

W-7497-1

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ENVIRONMENTAL ASSESSMENT
SAHLBERG EQUIPMENT FACILITY
5950 FOURTH AVENUE SOUTH
SEATTLE, WASHINGTON

1.0 EXECUTIVE SUMMARY

This report presents the results of our subsurface exploration program and analytical testing of soils and groundwater at the above referenced site. The field work for this evaluation was performed from the 23rd to the 28th of April 1992. The purpose of this project was to quantitatively evaluate the sites soil and groundwater conditions at the southern end of the parcel with respect to the potential presence of petroleum hydrocarbons, volatile organic compounds, and ethylene glycol. The scope of work consisted of advancing exploratory borings B-1 and B-2, installation of monitoring wells MW-1 and MW-2, soil and groundwater sampling, analytical laboratory testing of selected soil and groundwater samples, data interpretation, and preparation of this report. This summary is presented for introductory purposes only and should be utilized in conjunction with the full text of this report. The project description, site conditions, subsurface exploration, and investigation results are presented within the remainder of this report.

A brief summary of significant findings presented in this report is outlined below:

- Two soil borings (B-1 and B-2) were advanced, and two monitoring wells (MW-1 and MW-2) were installed in each of the borings at the subject property on 23 April 1992.
- Subsurface soils generally consisted of loose, moist to wet, brownish black, silty fine to medium coarse sand.
- Groundwater was encountered in the monitoring wells at a depth of approximately five feet below the site grade at the time of drilling. Subsequent measurements indicated a depth to groundwater of approximately five feet below the top of the well casing in monitoring well MW-1, and approximately 3.9 feet below the top of the casing in monitoring well MW-2.
- The soil samples collected from each boring were analyzed for TPH by Washington Department of Ecology Methods WTPH-D and WTPH-418.1, volatile organic compounds by EPA Method 8240/8260, and for ethylene glycol. The results of the analyses indicated TPH by WTPH-D ranging to 187 ppm (B-2), TPH by WTPH-418.1 ranging to 5,100 ppm (B-1), volatile organics ranging to 0.19 ppm (total xylenes, B-2) and ethylene glycol concentrations which were below the method detection limit.
- The groundwater samples collected from the monitoring wells were analyzed for TPH by Ecology Methods WTPH-D and WTPH-418.1, volatile organic compounds by EPA Method 8240 for ethylene glycol. The results of the analysis indicated concentrations of TPH by

WTPH-D ranging to 8.3 ppm (MW-2), concentrations of TPH by WTPH-418.1 ranging to 42 ppm (MW-1), concentrations of volatile organics ranging to 1,200 ppb (chlorobenzene, MW-2), and ethylene glycol concentrations which were below the method detection limit.

2.0 PROJECT DESCRIPTION

This report presents the results of our subsurface evaluation at the Sahiberg Equipment facility located at 5950 Fourth Avenue South in Seattle, Washington. The purpose of this study was to evaluate site subsurface soils and groundwater conditions with respect to the potential presence of petroleum hydrocarbons, volatile compounds, and ethylene glycol and to evaluate the field and laboratory data with regard to current regulatory criteria. The efforts of our exploration program were limited to the southern portion of the parcel where during a previous RZA AGRA assessment (W-7497) it was noted that drums labeled waste oil, anti-freeze and solvents were present in an unpaved storage yard. Discolored soils were observed within the immediate vicinity of these drums during our previous visit to the site. In addition, a concrete paved equipment cleaning area is present immediately north of the unpaved storage yard. Spraying equipment, drums of cleaning agents, and two sumps were noted in this area.

During our current evaluation, RZA AGRA, Inc. completed the following:

- Drilled and sampled two soil borings located near the southern end of the property;
- Field screened and collected soil samples from the two soil borings;
- Based on the field screening, selected soil samples for laboratory analysis;
- Installed monitoring wells in each of the borings at the time of drilling;
- Measured water levels in the monitoring wells;
- Sampled groundwater from each of the monitoring wells for laboratory analysis; and
- Performed data evaluation and prepared the following report.

This report has been prepared for the exclusive use of U.S. Bank of Washington and their agents for specific application to this project in general accordance to locally accepted environmental assessment practices and our approved scope of work. No warranty, expressed or implied, is made. In the event that other information regarding the site conditions becomes known, or if there are any changes to the existing site or nearby properties, the conclusions of this report should be reviewed and, if necessary, modified by our office to reflect any updated site information and conditions.

3.0 SITE CONDITIONS

The subject property is located at 5950 Fourth Avenue South at the northeast corner of the intersection of Fourth Avenue South and South Front Street in Seattle, Washington (Figure 1). The site is a rectangular shaped parcel measuring approximately 100 feet by 400 feet. The parcel is bound on the north, south, east, and west by industrial and commercial properties.

The site is currently occupied by Sahiberg Equipment, and consists of four main structures. The majority of the site is paved with asphalt and concrete with the exception of a relatively small area at the southeast corner of the site. At the time this assessment was conducted, Sahiberg Equipment was in the process of moving from the site. As a result of this, the southern portion of the property, including the southern equipment storage shed, had been vacated.

4.0 SUBSURFACE EXPLORATION PROGRAM

Our subsurface exploration program for this project included the advancement of two soil borings and the installation of monitoring wells in each boring at the locations indicated on the Site and Exploration Plan, (Figure 2). Drilling and well installation was performed on 23 April 1992 using a truck-mounted hollow stem auger drill rig operated by a local drilling company under subcontract to our firm. The borings were terminated at a depth of 14 feet below the existing site grade. Soil samples were collected at the time of drilling and transported to North Creek Analytical for chemical analysis. Two inch inside diameter monitoring wells were installed in each of the borings. After completion of the monitoring wells, the wells were developed and the groundwater sampled and submitted to the analytical laboratory for chemical analysis. A detailed description of the subsurface exploration procedures followed during this project has been included in Appendix A.

5.0 SUBSURFACE CONDITIONS

Soil samples were collected at approximately five foot intervals from the two borings at the time of drilling. Collected soil samples and subsurface conditions were logged by an experienced environmental geologist. Detailed interpretive boring logs showing well design completion details are presented in Appendix A. Groundwater conditions were evaluated utilizing data obtained from the monitoring wells.

5.1 Subsurface Conditions: Soil

Subsurface soils encountered in our exploratory borings generally consisted of six inches of fill soils (gravelly fine to medium sand) overlying the native formation. The native formation is a loose to very loose, moist to wet, brownish black, silty fine to medium coarse sand which extended to the maximum depth of each of the borings (14 feet). The native formation appears to be consistent with soils typically described as alluvium in the Duamish River floodplain (Galster and Laprade, 1991, Geology of Seattle, Washington, AEG Bulletin, Vol 28, No 3).

5.2 Subsurface Conditions: Groundwater

Groundwater was encountered at a depth of approximately five feet below the existing site grade in both borings at the time of drilling. Subsequent measurements of fluid levels in the monitoring wells following well development indicated that the depth to groundwater in monitoring well MW-1 was approximately 5.0 feet below the top of the well casing, and the depth to groundwater in monitoring well MW-2 was approximately 3.9 feet below the top of the well casing. Groundwater collected from both monitoring wells exhibited a noticeable cleaning fluid like odor, and water collected from monitoring well MW-2 foamed slightly when agitated. Insufficient data was obtained during this study to determine a groundwater gradient based on fluid level measurements; however, given the regional topography of the subject area we have assumed a down gradient direction to the west-southwest.

6.0 QUANTITATIVE LABORATORY ANALYSIS

Soil samples were selected for laboratory analysis based on noticeable odor, depth with respect to groundwater, and/or field headspace measurements. Field screening was conducted using a phototization organic vapor meter (OVM) which is capable of detecting the presence of organic compounds. In addition, groundwater samples were collected from each of the monitoring wells and submitted for chemical analysis.

One soil sample from each boring and one groundwater sample collected from each monitoring well were analyzed for the presence of petroleum hydrocarbons, volatile organic compounds and ethylene glycol by the following parameters:

- Diesel range total petroleum hydrocarbons (TPH) by Washington State Department of Ecology (Ecology) Method WTPH-D (modified EPA Method 8015);
- Total petroleum hydrocarbons (heavy oils) by EPA Method 418.1;
- Volatile organic compounds (chlorinated solvents) by EPA Method 8240; and
- Ethylene glycol by gas chromatograph

cleaning
fluid odor
foamed
when
agitated

The analytical test results for soil and groundwater samples are summarized in Tables 1 and 2, respectively. The laboratory reports for the soil and groundwater analysis are included in Appendix B and C, respectively.

6.1 Quantitative Analysis of Soils

One soil sample collected from each boring was submitted for analysis of total petroleum hydrocarbons (TPH) by Ecology Method WTPH-D for diesel range TPH, and WTPH-418.1 for heavy oil range TPH. In addition, the samples were analyzed for a range of volatile organic compounds by EPA Method 8240/8260 and for ethylene glycol (EPA and Ecology do not currently have a test procedure for ethylene glycol, therefore, the tests were performed by a method provided by the analytical laboratory). Analytical results indicate site soils contain concentrations of diesel range petroleum hydrocarbons ranging from 110 part per million (ppm) (B-1, S-1) to 187 ppm (B-2, S-2). Analytical results further indicate the presence of heavy oil range petroleum hydrocarbons ranging in concentration from 570 ppm (B-2, S-1) to 5,100 ppm (B-1, S-1).

Volatile organic compounds were not detected above the method detection limit in the soil samples obtained from boring 1 (B-1, S-1 and B-1, S-2). The soil sample obtained from boring 2 (B-2 S-1) contained low concentrations of chlorobenzene (0.19 ppm) and total xylenes (0.19 ppm). Ethylene glycol was not detected in the soil samples obtained from B-1 and B-2 (laboratory detection limit of 10 ppm). The results of the laboratory analyses are presented in Table 1, Analytical Results: Soil.

6.2 Quantitative Analysis of Groundwater

Water samples collected from each monitoring well were submitted for analysis of total petroleum hydrocarbons by Ecology Methods WTPH-D and WTPH-418.1. Samples were also analyzed for a range of volatile organic compounds by EPA Method 8240/8260 and for ethylene glycol. The results of the analyses indicates the groundwater samples contain concentrations of diesel range petroleum hydrocarbons ranging from 3 ppm (MW-1) to 6.3 ppm (MW-2) and heavy oil range petroleum hydrocarbons ranging from 24.9 ppm (MW-2) to 42 ppm (MW-1).

Analytical results of volatile organic compounds indicated the water sample collected from MW-1 detected acetone (42 parts per billion [ppb]) and xylenes (23 ppb). Water sample collected from MW-2 detected acetone (61 ppb), chlorobenzene (1200 ppb), ethylbenzene (200 ppb), toluene (380 ppb) and total xylenes (1000 ppb). Ethylene glycol test results on groundwater samples indicated none was detected above the method detection limit of 25 ppm. The results of the laboratory analysis are presented in Table 2, Analytical Results: Groundwater.

scope, were completed within the site and scope of work constraints so as to yield the information required to formulate our conclusions.

We appreciate this opportunity to be of continued service to U.S. Bank. If you have any questions please do not hesitate to call at your earliest convenience.

Respectfully submitted,

RZA AGRA, Inc.



David A. St. John
Environmental Geologist



John T. Cooper
Environmental Geologist



Mike Moore
Associate Environmental Geologist

DAS/DGC/CLT

Table 1: Analytical Results - Soil
 Sahlberg Equipment
 Seattle, Washington
 W-7497-1

Sample Number	Date Sampled	WTPH-D	WTPH-418.1	Chlorobenzene	Total Xylenes
B-1,S-1	4/23/92	110	5,100	-	-
B-1,S-3	4/23/92	N.T.	N.T.	-	-
B-2,S-1	4/23/92	187	570	0.19	0.19
MTCA Clean-up		200*	200*	1600**	20*
Detection Limit		10	10	0.10	0.10

Notes:

Sample locations indicated on Figure 2, Site and Exploration Plan.

All concentrations are expressed in parts per million (ppm).

- Not detected at a concentration above the method detection limit.

N.T. - Sample not tested.

• - Concentration above MTCA clean-up criteria.

* - Indicates MTCA Method A clean-up criteria.

** - Indicates MTCA Method B calculated clean-up criteria.

Table 2: Analytical Results - Groundwater
 Sahlberg Equipment
 Seattle, Washington
 W-7497-1

Sample Number	Date Sampled	WTPH-D	WTPH-418.1	Acetone	Chloro-benzene	Ethyl Benzene	Toluene	Total Xylenes
MW-1	4/28/92	3	42	0.042	-	-	-	0.0023
MW-2	4/28/92	6.3	24.9	0.061	1.2	0.2	0.38	1
MTCA Clean-up		1*	1*	0.8**	0.16**	0.03*	0.04*	0.02*
Detection Limit		0.5	1	0.02	0.004	0.004	0.004	0.004

Notes:

Sample locations indicated on Figure 2, Site and Exploration Plan.

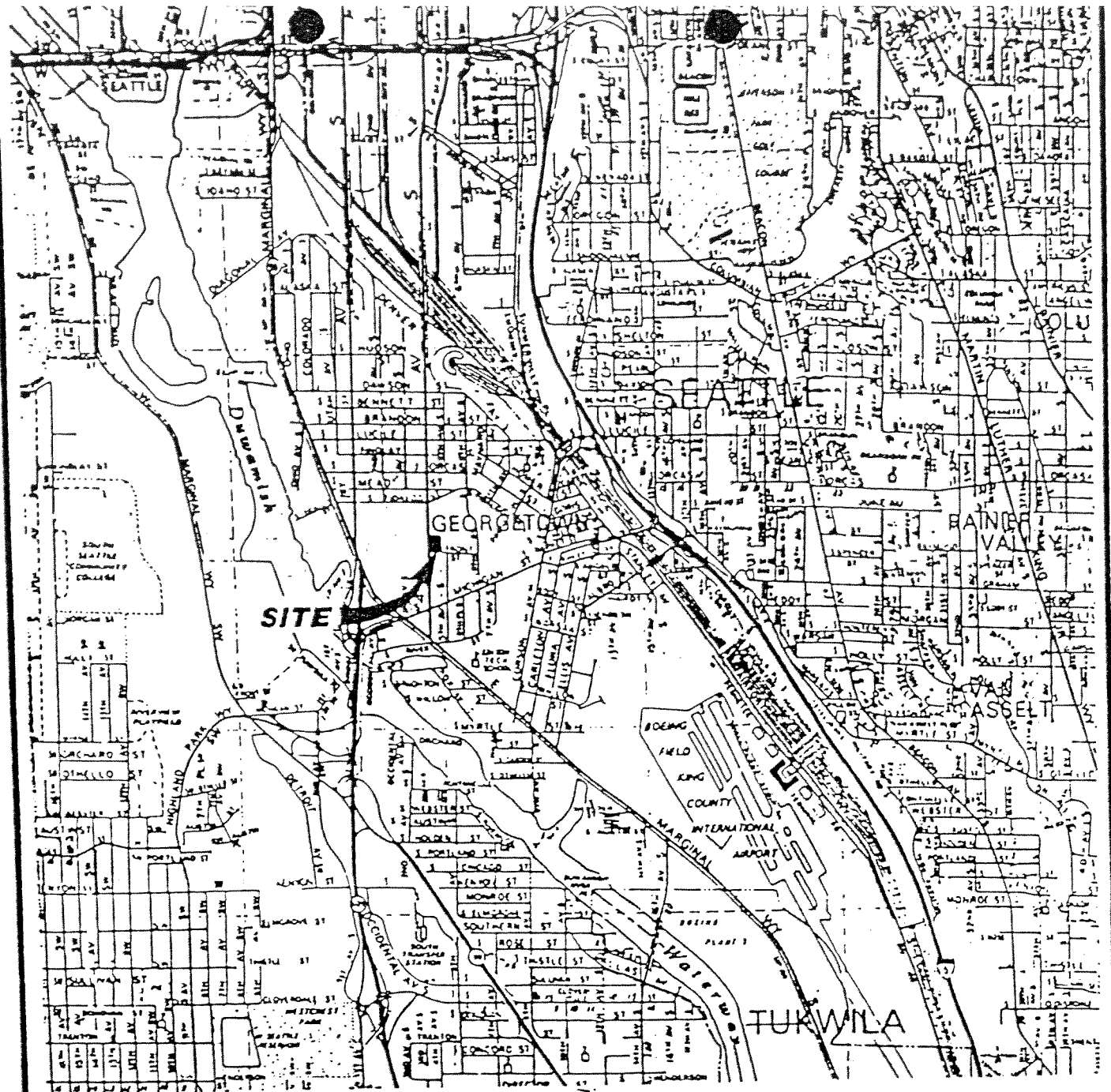
All concentrations are expressed in parts per million (ppm).

- Not detected at a concentration above MTCA clean-up criteria.

1.2 - Concentration above MTCA clean-up criteria.

* - Indicates MTCA Method A clean-up criteria.

** - Indicates MTCA Method B calculated clean-up criteria.



RZA-AGRA
ENGINEERING & ENVIRONMENTAL SERVICES

11335 N.E. 122nd Way
Suite 100
Kirkland, Washington
98034-6918

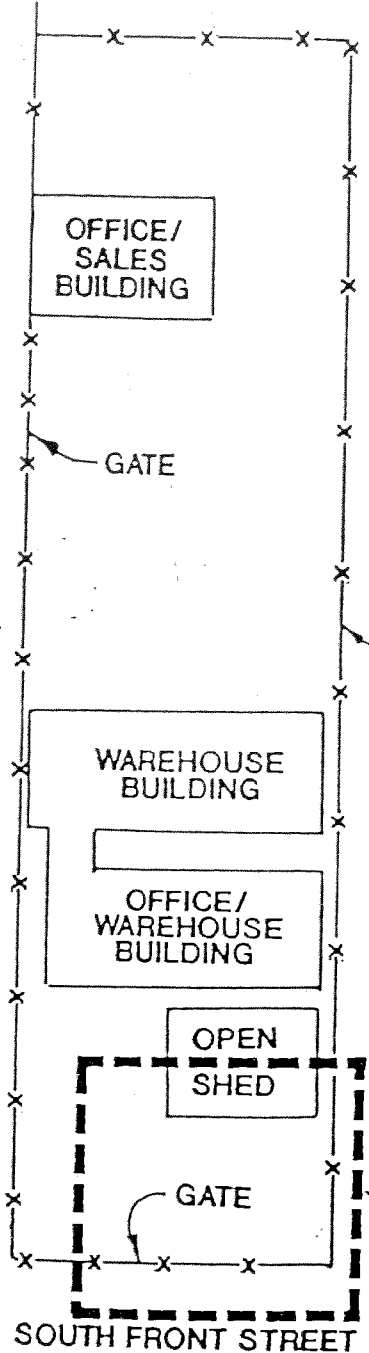
W.O. W-7479-1
DESIGN QAS
DRAWN DMW
DATE MAY 1992
SCALE N.T.S.

SAHLBERG EQUIPMENT FACILITY
SEATTLE, WASHINGTON

LOCATION MAP

FIGURE 1

FOURTH AVENUE SOUTH



OFFICE/
SALES
BUILDING

GATE

WAREHOUSE
BUILDING

OFFICE/
WAREHOUSE
BUILDING

OPEN
SHED

GATE

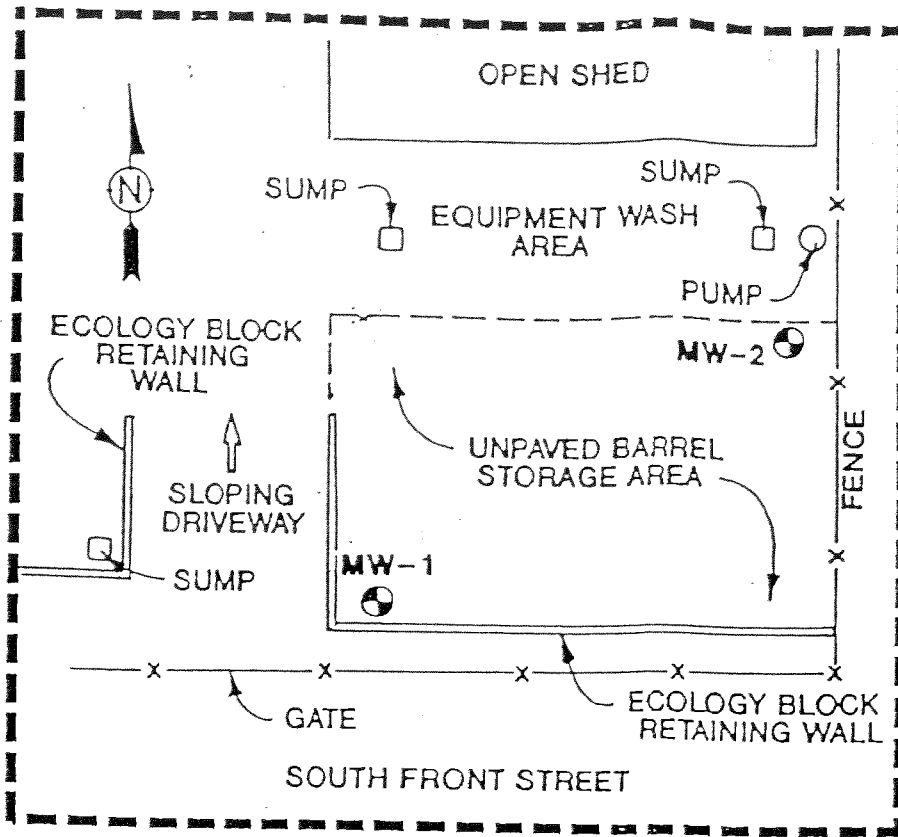
SOUTH FRONT STREET

CHAIN LINK
FENCE

SEE EXPANDED PLAN

SITE PLAN





EXPANDED SITE & EXPLORATION PLAN

LEGEND

MW-2  INDICATES MONITORING WELL NUMBER AND APPROXIMATE LOCATION

<p>RZA-AGRA ENGINEERING & ENVIRONMENTAL SERVICES 11335 N.E. 122nd Way Suite 100 Kirkland, Washington</p>	<p>W.O. <u>W-7479-1</u> DESIGN <u>DAS</u> DRAWN <u>DMW</u> DATE <u>MAY 1992</u></p>	<p>SAHLBERG EQUIPMENT FACILITY SEATTLE, WASHINGTON SITE & EXPLORATION PLAN</p>
--	---	---

**SAHLBERG EQUIPMENT, INC.
PROPERTY**

Seattle, Washington

**Prepared For
U.S. Bank**

**W-7497
April, 1991**

RITTENHOUSE-ZEMAN & ASSOCIATES

Geotechnical & Environmental Consultants





RITTENHOUSE-ZEMAN & ASSOCIATES, INC.
Geotechnical & Environmental Consultants

1400 140th Avenue N.E.
Bellevue, Washington 98005-4594
(206) 746-8020/FAX (206) 746-6364

5 April 1991

W-7497

U.S. Bank
Trust Department
P.O. Box 720, WWH 587
Seattle, Washington 98111-0720

Attention: Mr. Harry Rubin

Subject: Level I Environmental Site Assessment
Sahlberg Equipment, Inc. Property
5950 4th Avenue South
Seattle, Washington

Dear Mr. Rubin:

In accordance with your request, we are pleased to present this report containing our Level I Environmental Site Assessment of the above referenced property. This evaluation has been based on: our understanding of the local soils, hydrogeology, and geology; our past work in the general vicinity; interviews with various governmental agency personnel; and a visit to the site. Verbal authorization to proceed with this study was granted on 22 March 1991.

We appreciate this opportunity to be of service to you and would be pleased to discuss the contents of this report or other aspects of the study with you at your convenience.

Respectfully submitted,

RITTENHOUSE-ZEMAN & ASSOCIATES, INC.

Anders F. Olin
Environmental Assessor

Level I Environmental Site Assessment
Sahlberg Equipment, Inc. Property
5950 4th Avenue South
Seattle, Washington

Prepared for

U.S. Bank
Trust Department
P.O. Box 720, WWH 587
Seattle, Washington 98111-0720

Prepared by

RITTENHOUSE-ZEMAN & ASSOCIATES, INC.
1400 - 140th Avenue N.E.
Bellevue, Washington 98005

April 1991

W-7497

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Figure 1 - Site Vicinity Map

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LEVEL I ENVIRONMENTAL SITE ASSESSMENT
SAHLBERG EQUIPMENT, INC. PROPERTY
5950 4TH AVENUE SOUTH
SEATTLE, WASHINGTON

W-7497

1.0 SUMMARY

Rittenhouse-Zeman & Associates, Inc., (RZA) has performed a Level I Environmental Site Assessment of the subject property located in Seattle, Washington. The object of our study was to identify indications or reports of past or current potentially contaminating activities or situations on the subject site or in the immediate area. We then reviewed this data to evaluate possible negative impacts on the subject site and local environment to determine if, in our opinion, they appear to pose a threat to the local environment. A brief summary of the results of our study is included below:

- o In the course of our current site visit, we did not encounter visible indications of severe contamination existing on the subject property.
- o Drinking water supplies for the subject area are obtained from the City of Seattle, which in turn obtains its water supplies from sources distantly located relative to the subject site. These drinking water supplies would not be impacted by contaminants, if present, on the subject site.
- o Governmental environmental and health agencies have reported that they have no knowledge of any hazardous material problems associated with the subject site.
- o In view of:
 - 1) Our visual survey of the property;
 - 2) The lack of known reported hazardous material problems associated with the subject site;
 - 3) The past land use history of the subject property and immediately surrounding area;

it is our opinion that the possibility of significant environmental contamination existing on the subject site from on-or off-site sources may be considered relatively low to moderate.

This summary is presented for introductory purposes only and should be used in conjunction with the full text of this report. The project description, site conditions, and results of our assessment are presented in the text of this report.

2.0 INTRODUCTION

The purpose of this study was to evaluate the subject property for reports or indications of soil or groundwater contamination due to previous or on-going site activities and to review the surrounding area for facilities which handle or produce substances which may have an adverse effect upon the soil and groundwater at this site. The scope of work for this report consisted predominantly of gathering existing available information. The objective of the record search and the site visit was to identify potentially contaminating activities that may have occurred on or near the site. Based on these findings, this report presents our opinion concerning environmental conditions at the site which may have resulted from both on-site and off-site activities. Our assessment of the parcel included:

- Visiting the site and vicinity to make relevant observations;
- Reviewing historical aerial photographs of the site and vicinity to evaluate visible indications of past land use activities;
- Reviewing available reports published by Federal, State, and local governmental agencies involved in environmental concerns;
- Reviewing records and historical data from the Cole Directory for Greater Seattle and Vicinity;
- Reviewing records and historical data from the Polk City Directory for Seattle;
- Interviewing knowledgeable governmental employees and private individuals;
- Reviewing available Washington State Department of Ecology (Ecology) records of water wells located in the general vicinity of the property;
- Evaluating a summary of the contamination incident data reported to us as a result of this study;
- Developing an opinion of the potential that contamination may be present at the site due to either on-site or off-site activities.

During our visit, we visually assessed the area for the presence of underground and above ground storage tanks, chemical storage drums, indications of groundwater and soils contamination, transformers that might contain polychlorinated biphenyls (PCB's), and any other apparent hazardous or toxic substances, or waste materials. A review of the surrounding area included attempting to locate nearby facilities such as service stations, automobile service centers, dry cleaning establishments, and garden shop/nurseries.

It should be understood that any parcel is vulnerable to environmental impairment from such activities as unreported or illicit dumping or spillage of deleterious materials that may not be readily apparent. The opinions and conclusions in this report are based on the data reported to us, our review of readily available information, and our visual evaluation of current site conditions. The collection of quantitative information in the form of laboratory analyses of soil and groundwater samples was beyond the scope of work for this type of study.

This report has been prepared for the exclusive use of U.S. Bank, and its agents, for specific application to this property in accordance with generally accepted environmental assessment practices. No other warranty, express or implied, is made. In the event that there are any changes on the existing site or nearby properties, the conclusions and recommendations contained in this report should be reviewed and modified by our office, if necessary, to reflect updated site conditions.

2.1 Current Site Description

The subject property is located at 5950 4th Avenue South, in the Duwamish industrial area of Seattle, Washington (Section 20, Township 24 North, Range 4 East, W.M.). The site is shown on Figure 1, the Site Vicinity Map.

This rectangular-shaped parcel measures approximately 409 feet along the east side of 4th Avenue South, with a depth of approximately 108 feet along the north side of South Front Street. The subject property is presently occupied by Sahlberg Equipment, Inc., a wholesaler/retailer of new construction heavy equipment and safety supply equipment. There are three main buildings on the property. See Figure 2, the Site Plan, for building locations. The northernmost building (Building 1 on Site Plan), a two story structure, was

originally constructed sometime around the mid-1950's with additions completed by 1970. The upper level of the building consists of a reception area and executive offices, while the lower level of the building consists primarily of parts and supply concerns.

The central building, (Building 2 on Site Plan), also known as the Anderson Building, was constructed sometime around 1940, and is a two story warehouse storage facility for safety supply equipment.

The southernmost of the main buildings (Building 3 on Site Plan) was constructed sometime in the late 1940's to early 1950's. The upper level of this two story structure consists of service department offices. The lower level of the structure is comprised of the service department shop.

A smaller, open, shed-like structure (Building 4 on Site Plan) is situated adjacently south of Building 3. The shed is utilized for equipment storage and minor maintenance purposes.

Aside from a relatively small area near the extreme southeast portion of the property, the grounds of the property is predominantly asphalt and/or concrete paved. Two entryways provide ingress to, and egress from, the subject property; adjoining 4th Avenue South and South Front Street, respectively. The property is fully enclosed by a steel chain link fence.

According to the City of Seattle Department of Construction and Land Use (DCLU), the subject property, as well as properties adjoining, is currently zoned for industrial development.

3.0 RESULTS OF EVALUATION

3.1 Geology, Hydrogeology, and Soils

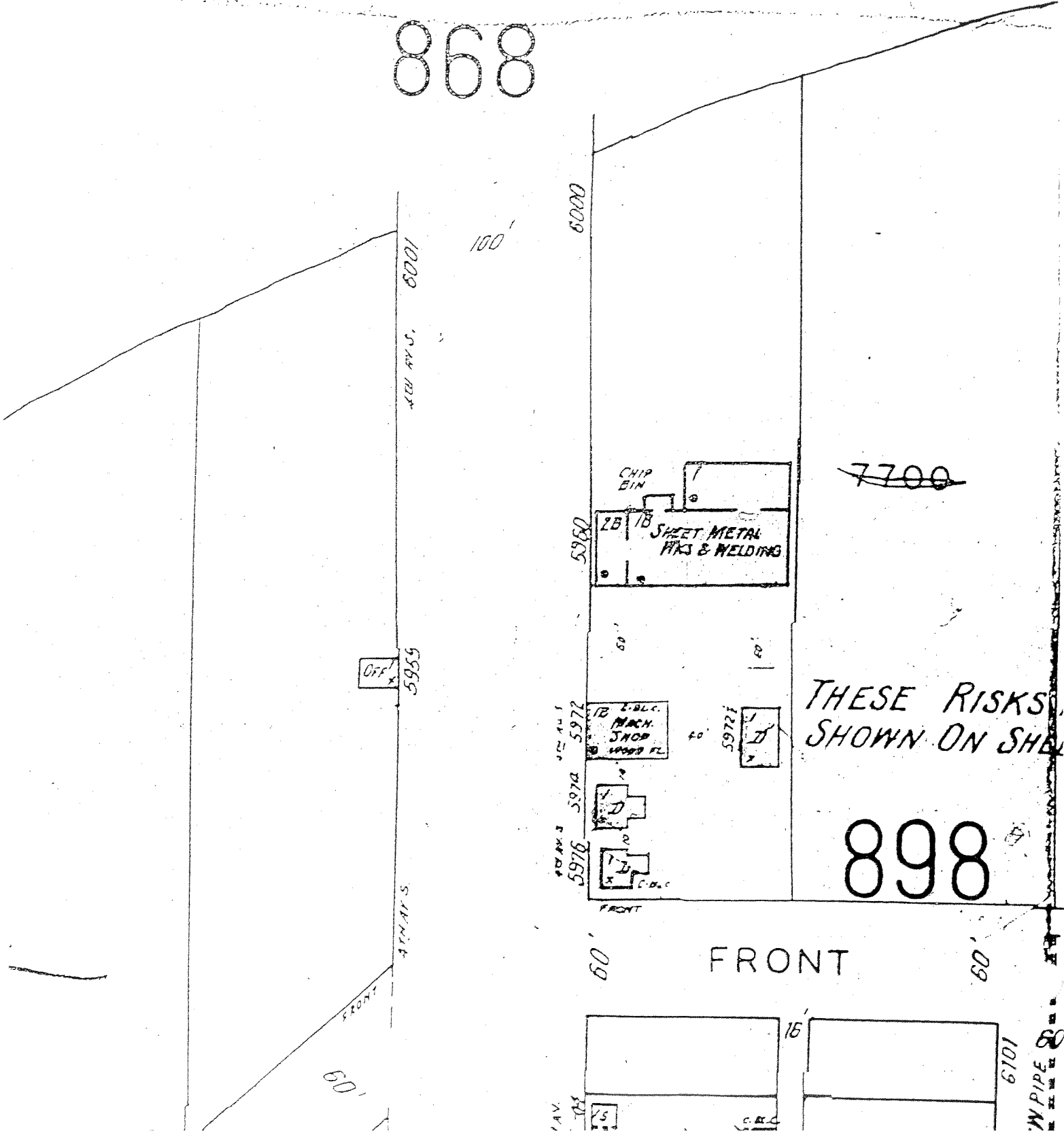
The geology of the greater Puget Sound region is characterized by glacially derived sediments, the most recent of which were deposited toward the end of the Vashon Stade of the Fraser Glaciation which ended approximately 13,500 years ago. The advance of the Vashon Glacier deepened and widened north-south trending valleys. Thick bodies of sand, gravel, and till were deposited over much of the area. With the retreat of the

glacier, ice-contact stratified drift was deposited over much of the area, followed by a period of alluvial valley filling, localized peat deposition, minor erosion, and soil development. Surficial geological maps show the subject site environs generally to be mantled by either alluvium or artificial fill. The alluvium in the Duwamish River valley consists primarily of sand, intermixed with lenses or interbeds of silt and clay. Occasionally, zones of peat are encountered within the alluvial deposits, and they are most likely associated with ancient or abandoned river channels. Much of the Duwamish River valley has been developed using fill materials, consisting primarily of dredged sediments made up of silts and sands.

Groundwater aquifers in the Duwamish River valley can be found in the valley floor alluvial sediments and also in the glacially consolidated deposits beneath the alluvium. Typically, groundwater is quite shallow in the valley bottom. Because of its near-surface character, the local groundwater is susceptible to contamination from surficial sources. Due to the presence of alluvial and artificial fill deposits, the groundwater gradient may vary locally due to zones of preferential flow, although it is assumed that groundwater flow in the immediate subject area is generally west-northwestward, toward the Duwamish River. If off-site contaminants entered onto the subject property from off-site sources, it is assumed ingress would likely be from the property's eastern and southeastern perimeters.

Although water resource data for the Greater Puget Sound area show widespread development of groundwater resources for municipal and domestic use, our review of published geological and groundwater literature, as well as Washington Department of Ecology (WDOE) water well records, indicate that there are currently no major developed groundwater resources reported in the immediate vicinity of the subject property. Drinking water supplies are obtained from the City of Seattle's Tolt and Cedar River watersheds in the Cascade foothills. These drinking water sources would not be impacted by contaminants, if present, on the subject property.

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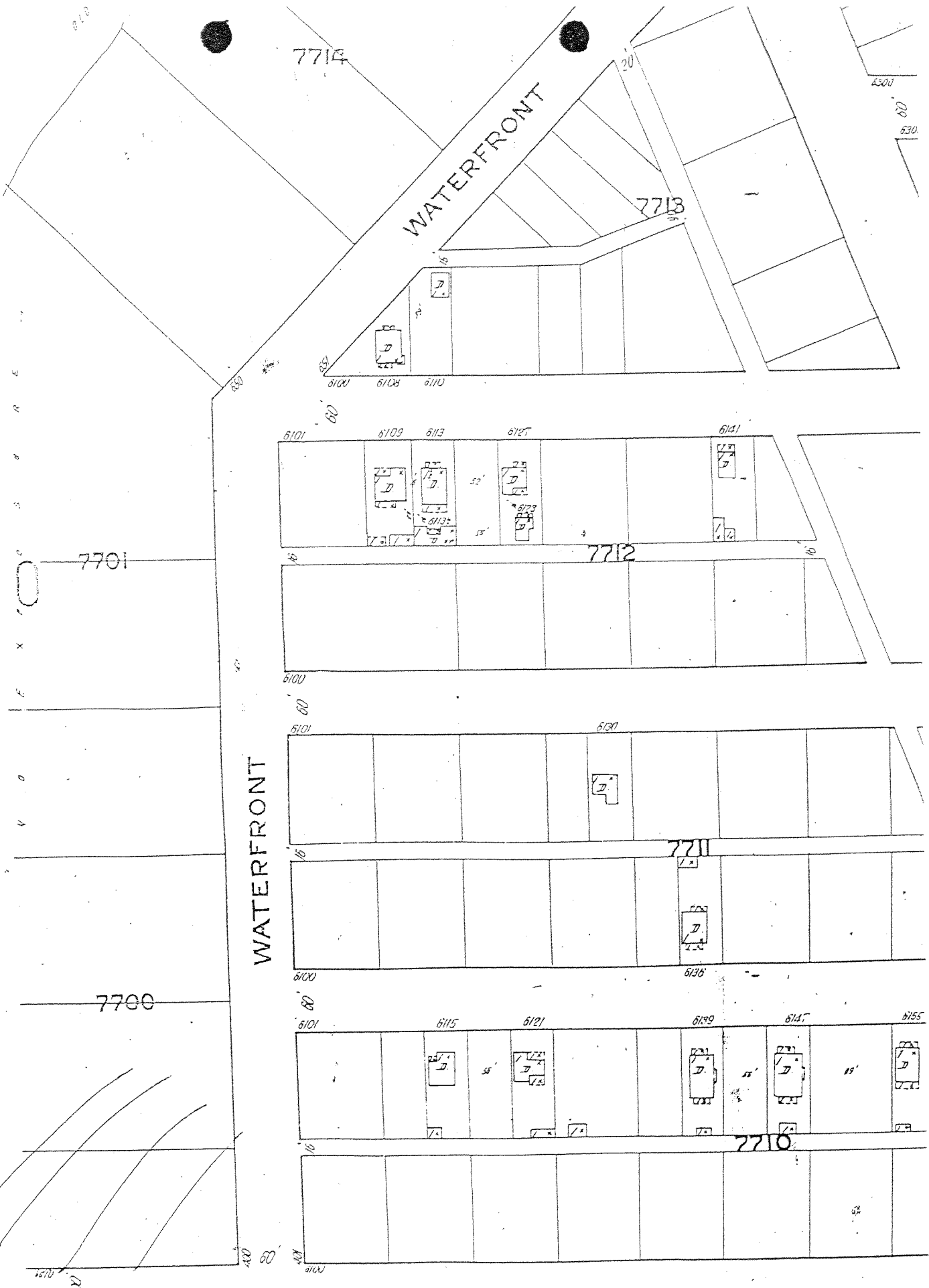
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THESE RISKS SHOWN ON SHEET

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FRONT

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3.2 Site History/Past Activities

The land use history of the subject property was reviewed, utilizing governmental zoning information, the Cole Directory for Greater Seattle and Vicinity, the Polk City Directory for Seattle, along with various anecdotal information sources. We also reviewed historical aerial photographs of the subject area for the years 1936, 1946, 1956, 1960, 1969, 1974, 1980, 1985, and 1990.

Based upon information derived from these sources, the subject site history may generally be summarized as follows:

Historical aerial photographs show the subject property to be vacant and undeveloped in 1936.

By the early 1940's, Anderson Blowpipe & Manufacturing Company, a sheet metal manufacturer, had established itself on the subject property at 5960 4th Avenue South. Joseph Conradi & Company, machinists, had also established itself just south of Anderson Blowpipe at 5972 4th Avenue South. Two single-family residences comprised the extreme southern portion of the property at 5974 and 5976, respectively. In 1951, the Polk City Directory for Seattle indicates that two new businesses had established themselves on the property - Seattle Pacific Engineering and United Cleaners, at 5970 and 5976 4th Avenue, respectively. United Cleaners operated on the site for only a year or so, apparently reverting back to a single-family residence.

By the mid-1950's, Jack Sahlberg Equipment Company had established itself on the property just north of Anderson Blowpipe at 5950 4th Avenue South. United Textile Company, followed shortly thereafter by Aero Electric Company, had begun operating on that portion of the site formerly occupied by Joseph Conradi & Company, machinists.

In 1957, the Polk City Directory indicates that Western Processing Company had established itself on the subject property, south of Sahlberg Equipment and Anderson Blowpipe, at 5970 4th Avenue South. Western Processing operated on the property up until 1960 or 1961, whereupon the company moved to its present site in Kent. The two single-family residences, at 5974 and 5976 4th Avenue South, were occupied by Joseph A. Conradi and Mrs. Tillie Conradi, respectively.

By the early to mid-1960's, Anderson Blowpipe and Western Processing were no longer operating on the site. The two single-family residences on the extreme southern portion of the property had been razed, leaving Sahlberg Equipment, Inc. as the sole activity on the property, as it is presently.

There is a note of interest to be mentioned regarding Western Processing. During the years of operation on the subject property, the nature of Western Processing's business involved reprocessing animal byproducts and brewer's yeast. See Appendix, Seattle Times, February 9, 1958. Subsequent to the move to its present site in Kent, the company had expanded operations to reprocess chemical wastes, including numerous heavy metals, electroplating solutions and sludges, pesticides/herbicides, spent acids and caustic solutions, waste oils and solvents, battery mud, flue dust from secondary smelters, aluminum slag, and galvanized skimmings, among other chemical compounds. Western Processing has since become infamous as the major toxic waste Superfund site in Western Washington.

3.3 Evaluation of On-Site Conditions

For this environmental assessment, we performed a site visit on 27 March 1991 under the escort of Mr. John Sahlberg. During the course of this site visit, Mr. Sahlberg informed us that Sahlberg Equipment, Inc. is a wholesaler/retailer of construction heavy equipment and safety supply equipment. With respect to construction heavy equipment machinery, Mr. Sahlberg explained that the company prepares new heavy equipment machinery for sale and delivery. He also informed us that, aside from adding motor oil and/or hydraulic fluid to new machinery prior to delivery, no significant maintenance or repair activities occur on-site. We observed no evidence of petroleum product leakage near any of the several heavy equipment pieces we observed stored on the property.

An underground heating oil storage tank (UST) presently exists in the northwest portion of the property, beneath asphalt pavement. According to Mr. Sahlberg, this UST, apparently 300 gallons in capacity, was associated with a former oil furnace which heated Building 1 from 1956 up until sometime around 1970, at which time the building's oil heating system was converted over to natural gas. Upon investigation, we found that an undetermined amount of heating oil still remains present within the UST. See Figure

2, the Site Plan, for UST location.

We also observed the presence of an approximately 200 gallon above ground storage tank, situated upon concrete pavement, adjacent to the southwest portion of Building 3, which Mr. Sahlberg informed us contains waste oil. Mr. Sahlberg further informed us that the above ground tank is pumped out, when necessary, by Northwest Enviroservice, Inc. Although the top side of the tank exhibited some oil residue, no apparent indication of product leakage in the form of stained ground surface areas was observed in the vicinity of the tank. See Figure 2, the Site Plan, for above ground storage tank location. See also Appendix for color photograph.

During the course of our site visit, we observed the presence of several dozen 55 gallon storage drums situated at various locations on the southern portion of the property. See Figure 2, the Site Plan, for storage drum locations. Most of the drums, which contained motor oil and hydraulic fluid, were stored in an orderly fashion, upon concrete flooring, inside the small, open shed or along the shed's outer, southern perimeter. Aside from some minor surficial staining in the vicinity of the drums stored within the shed, no apparent indications of severe product leakage or spillage were observed near any of the above drums. Of more significance, however, was a group of approximately one dozen storage drums (most of which empty) observed stored just inside the South Front Street gate, which we were informed contain used anti-freeze and hydraulic fluid. Whereas the previously mentioned drums were stored upon concrete pavement, these drums, although situated upon wooden pallets, were stored upon an area of exposed soil. We observed some indication of product leakage and spillage, in the form of darkened, stained soils, in the vicinity of these drums, the extent of which we were unable to determine. See Appendix for color photograph.

Aside from the above observations, the property management appears to maintain and enforce relatively good housekeeping practices on the site. The parking and yard area, as well as the dumpster areas, appeared relatively free of litter and other debris. Human wastes are discharged into the Metro sanitary sewer system. Surface water is collected in sumps, which are situated at various locations of the property. We were informed that these sumps are pumped out on a regular basis. The locations of sumps are indicated on Figure 2, the Site Plan.

3.4 Evaluation of Off-Site Conditions

Various local, State, and Federal sources were reviewed to identify the reported hazardous waste sites located within a one-mile radius of the subject property. Copies of reports compiled by State and Federal environmental agencies obtained and reviewed include the U.S. Environmental Protection Agency (EPA) Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) report of potential hazardous waste and Superfund sites; the EPA's Resource Conservation and Recovery Act (RCRA) report of regulated generators, handlers, transporters and disposers of hazardous substances; and the Washington State Department of Ecology (Ecology) Site Management Information System (SMIS) list of potential and confirmed hazardous waste sites.

The current EPA CERCLIS report lists eleven separate sites, located within a one-mile radius of the subject property, as potential and confirmed hazardous waste sites. These sites are:

<u>And-All Electrochrome, Inc.</u>	<u>6332 6th Ave. So.</u>
<u>Boeing Co. - North Field</u>	<u>Ellis Ave. So. & So. Willow St.</u>
<u>Chemical Processors, Inc.</u>	<u>734 So. Lucille St.</u>
<u>Ideal Basic Industries-Cement Plant</u>	<u>5400 W. Marginal Wy. S.W.</u>
<u>Inland Transportation Co., Inc.</u>	<u>6737 Corson Ave. So.</u>
<u>North Coast Chemical Co.</u>	<u>6300 17th Avenue So.</u>
<u>Northwest Cooperage Co., Inc.</u>	<u>5531 Airport Wy. So.</u>
<u>Preservative Paint Co.</u>	<u>5410 Airport Wy. So.</u>
<u>Reichold Chemical-Duwamish Waste Site</u>	<u>5900 W. Marginal Wy. S.W.</u>
<u>Seattle, City of - 1st Avenue Bridge Landfill</u>	<u>E. Marginal Wy. So. & So.</u> <u>Fidalgo St.</u>
<u>Seattle, Port of - Terminal 115</u>	<u>6020 W. Marginal Wy. S.W.</u>

And - All Electrochrome, Inc., Boeing Co. - North field, Chemical Processors, Inc., Inland Transportation Co., Inc., Northwest Cooperage Co., Inc., Pioneer Porcelain Enamel Co., Inc., and Reichold Chemical - Duwamish Waste Site also appear on the current Ecology SMIS list of potential and confirmed hazardous waste sites. Other Ecology sites within a one-mile radius of the subject property include:

<u>Bayside Disposal Co.</u>	<u>7201 W. Marginal Wy. S.W.</u>
<u>Duwamish Shipyard, Inc.</u>	<u>5658 W. Marginal Wy. S.W.</u>
<u>Great Western Chemical</u>	<u>6900 Fox Ave. So.</u>
<u>Marine Vacuum Service, Inc.</u>	<u>1516 So. Graham St.</u>
<u>MST Chemicals, Inc.</u>	<u>6020 W. Marginal Wy. S.W.</u>
<u>Sammis Land Co. Site</u>	<u>647 So. Alaska St.</u>
<u>VIOX Corp.</u>	<u>551 So. River Street</u>

Marine Vacuum Service, Inc. and Pioneer Porcelain Enamel Co., Inc. have recently undergone Site Hazard Assessment by Ecology and, based upon the Assessment results, have been ranked for future remedial cleanup activities. Although it appears, based upon published topographic and geologic data, that several of the above listed EPA CERCLIS and Ecology SMIS sites (ie., And-All Electrochrome, Inc., Boeing Co. - North Field, Island Transportation Co., Marine Vacuum Service, Inc., Pioneer Porcelain Enamel Co., Inc., and Presentative Paint Co.) are located at positions which potentially may be hydrologically tributary to the subject property, the relatively unpredictable nature of near-surface groundwater in the immediately surrounding area renders it difficult to quantify which of the above off-site sources, if any, would negatively impact the subject property in the event of a hazardous substance release. Distance factors, however, appear to mitigate the likelihood of negative environmental impact to the subject property.

The underground storage tank (UST) site location list published by the Hazardous Waste Section of the Washington Department of Ecology (Ecology) was obtained and reviewed for data concerning underground petroleum product storage tanks in the site vicinity. Leaking USTs are a potential source of environmental contamination. The current UST list indicates that there are at least 85 separate sites with USTs that are located within a

one-mile radius of the subject property. These locations include construction companies, auto repair facilities, service stations and trucking companies, among other establishments. According to Ecology, 31 of these sites appear on Ecology's current list of facilities with reported leaking underground storage tanks. Of the 31 reported leaking UST sites, 8 of these appear to be located at positions which potentially are hydrologically tributary to the subject property. These sites are:

<u>Ben's Trucks</u>	<u>6655 Corson Avenue So.</u>
<u>Boeing Co. - North Field</u>	<u>Ellis Ave. So. & So. Willow St.</u>
<u>DNR - Corson Avenue</u>	<u>6737 Corson Ave. So.</u>
<u>Owl Transfer</u>	<u>6323 6th Ave. So.</u>
<u>Peninsula Truck Lines</u>	<u>6314 7th Ave. So.</u>
<u>Scougall Rubber</u>	<u>6239 Corson Ave. So.</u>
<u>Seattle City Light-Georgetown</u>	<u>1131 So. Elizabeth St.</u>
<u>Shell Service Station</u>	<u>6200 Corson Ave. So.</u>
<u>Texaco Service Station</u>	<u>6235 Airport Wy. So.</u>

Although near-surface groundwater movement within the general subject area is relatively unpredictable, the relative distance of the above listed sites to the subject property mitigates the likelihood of negative environmental impact to the subject property.

The current RCRA report lists over 130 separate locations within a one-mile radius of the subject property that are regulated generators, transporters or storers of hazardous substances. No environmental problems associated with any of the RCRA facilities were reported to us.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based upon the available data we have obtained for this report, and taking into account the past and present land use history of the subject property and immediately surrounding area, it is our opinion that the potential for significant environmental contamination existing on the subject property may be considered relatively low to moderate.

During our site visit, we encountered visible evidence of petroleum product leakage or spillage, in the form of stained soil surface, in the vicinity of a group of 55 gallon drums which were stored on the southeast portion of the property upon exposed soil. We also observed the presence of a no longer utilized heating oil UST near the northwest corner of the property, which we found upon further investigation, to still contain a significant amount of petroleum product. While we were unable to determine whether the UST is leaking, the quantity of still-remaining product, even after the passage of approximately twenty years of non-use, tends to suggest that the UST may be structurally sound, and not leaking. If product leakage has occurred, however, it is conceivable that there may be locally confined zones of petroleum contamination of the soils immediately surrounding the UST.

We recommend, however, that the UST be pumped empty of product, and appropriately decommissioned, by way of either in-place abandonment or removal. If the UST is removed, surrounding soils may be observed at that time for petroleum impact, and remediated, if necessary.

We also feel that it would be prudent to perform a limited program of sampling and chemical analysis of near-surface soils in the vicinity of the drums which are stored upon exposed soil. We further recommend that storage drums, empty or otherwise, no longer be stored on that portion of the site, but only upon concrete or asphalt-paved surfaces.

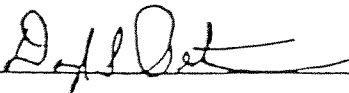
We appreciate the opportunity to present this Level I Environmental Site Assessment. We are available for any additional studies should you so desire. If you have any questions concerning the findings and conclusions contained within this report, please feel free to call at your earliest convenience.

Respectfully submitted,

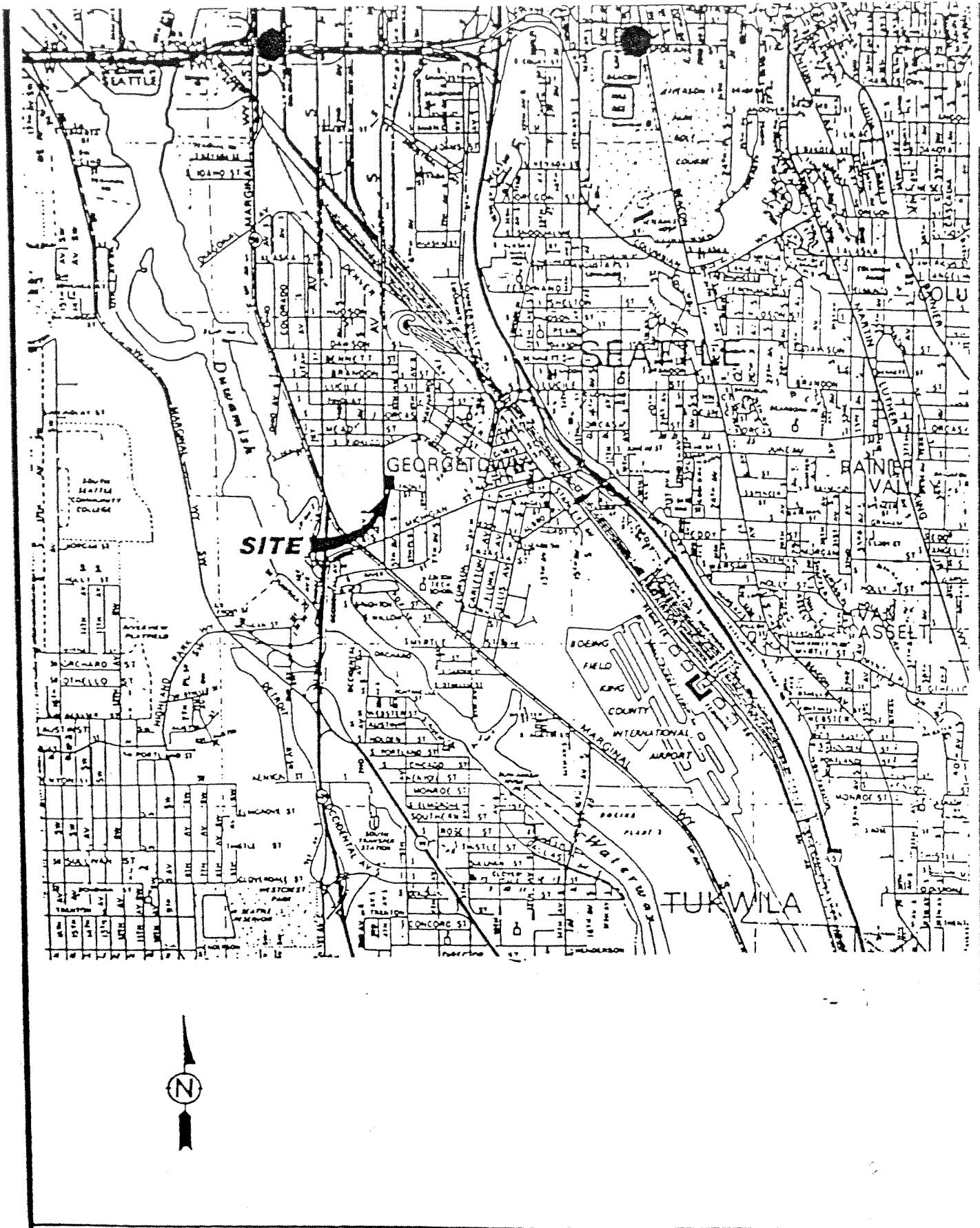
RITTENHOUSE-ZEMAN & ASSOCIATES, INC.



Anders F. Olin
Environmental Assessor



Daryl S. Petrarca
Environmental Site Assessments Manager



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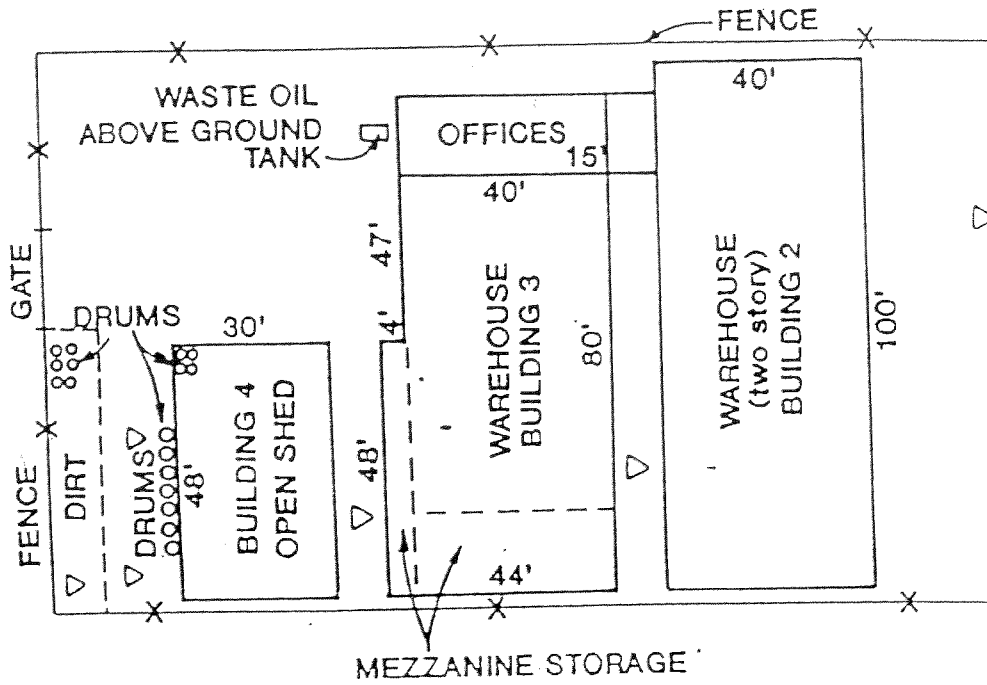
SAHLBERG EQUIPMENT FACILITY
SEATTLE, WASHINGTON

LOCATION MAP




FIGURE 1

4th AVENUE SOUTH

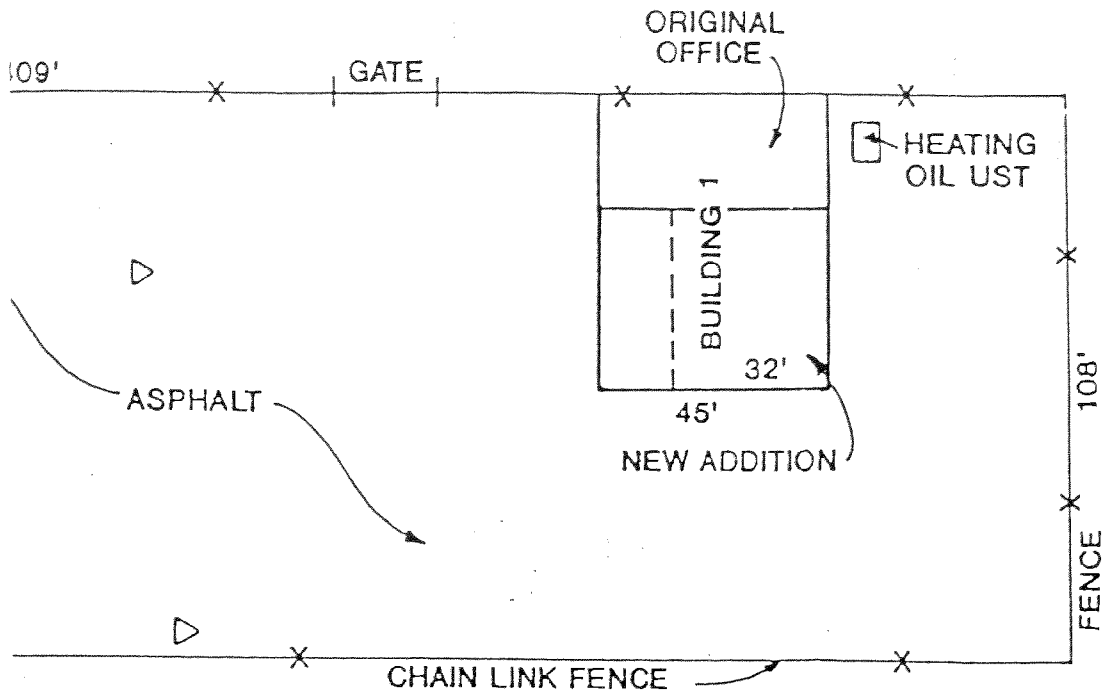
SOUTH FRONT STREET



LEGEND

-  STORAGE TANKS
-  STORAGE DRUMS
-  SUMPS





SAHLBERG EQUIPMENT, INC.
SEATTLE, WASHINGTON

SITE PLAN

FIGURE 2

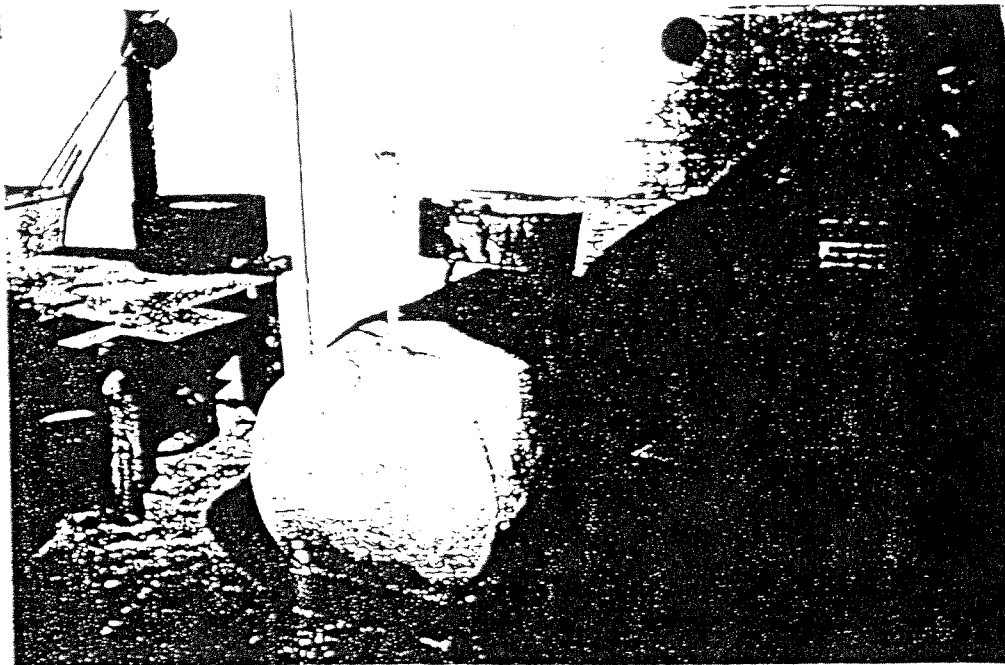
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RITTENHOUSE-ZEMAN & ASSOCIATES, INC.
 Geotechnical & Environmental Consultants

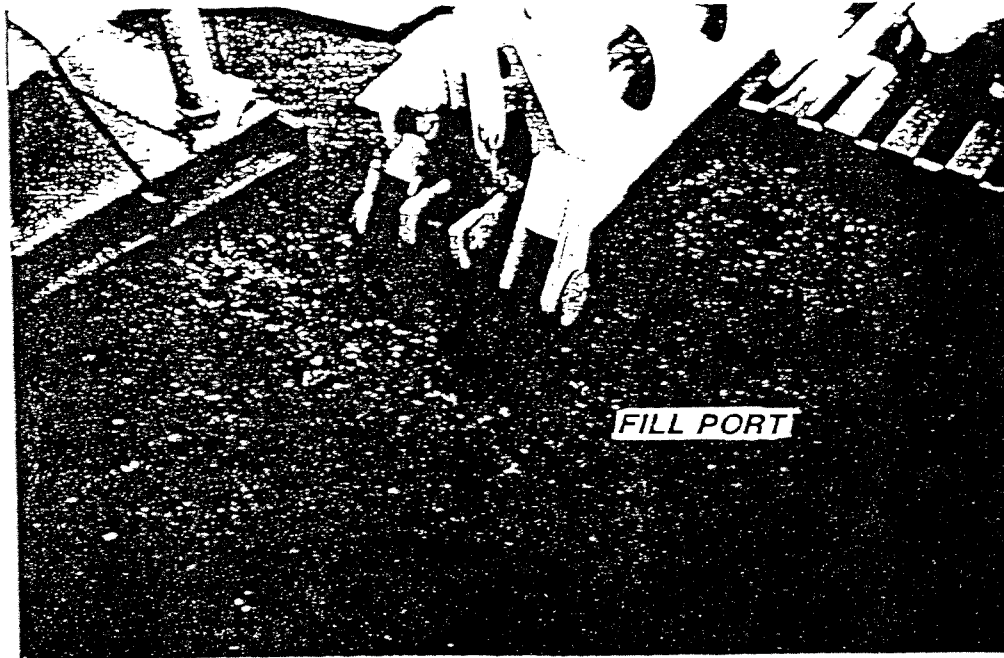
1400 140th Avenue N.E.
 Bellevue, Washington 98005



APPENDIX A
SITE PHOTOGRAPHS



ABOVE GROUND WASTE OIL TANK



FILL PORT UNDERGROUND HEATING OIL TANK

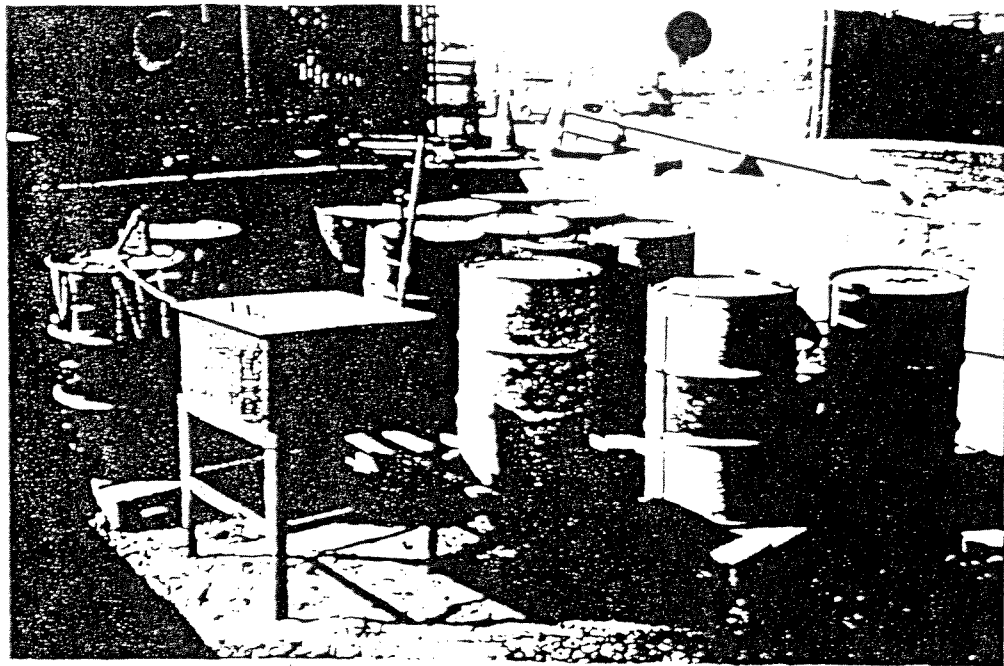
SAHLBERG EQUIPMENT, INC.
SEATTLE, WASHINGTON

SITE PHOTOGRAPHS

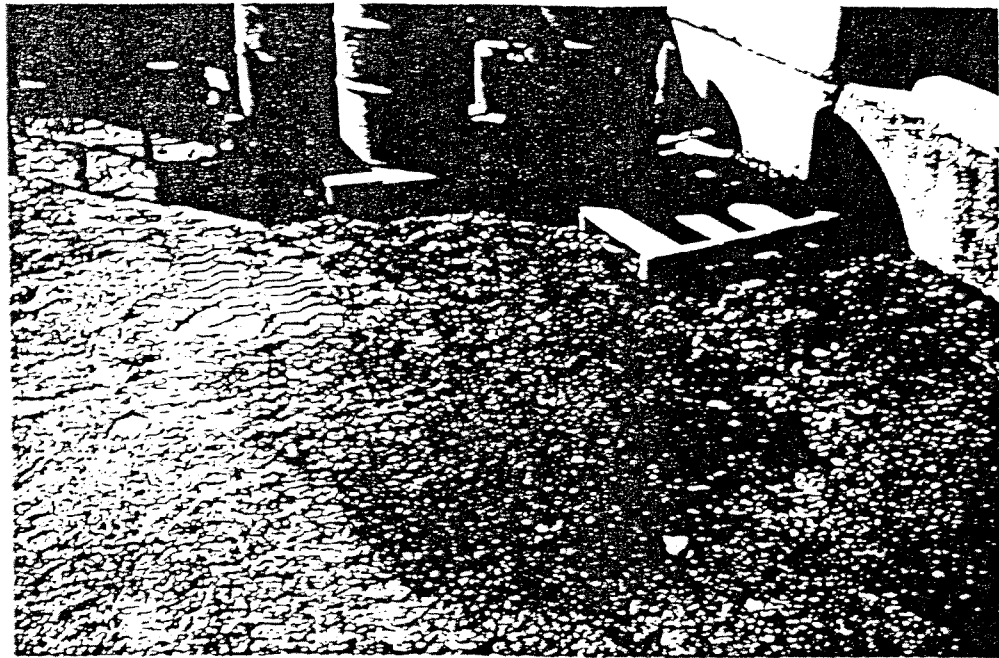
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DATE APR 1991
SCALE N.T.S.

RITTENHOUSE-ZEMAN &
ASSOCIATES, INC.
*Geotechnical & Environmental
Consultants*
1400 140th Avenue N.E.
Bellevue, WA 98005





55 GALLON DRUMS STORED UPON EXPOSED SOIL



STAINED SOILS NEAR STORED DRUMS

SAHLBERG EQUIPMENT, INC.
SEATTLE, WASHINGTON

SITE PHOTOGRAPHS

W.O. W-7497
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DATE APR 1991
SCALE N.T.S.

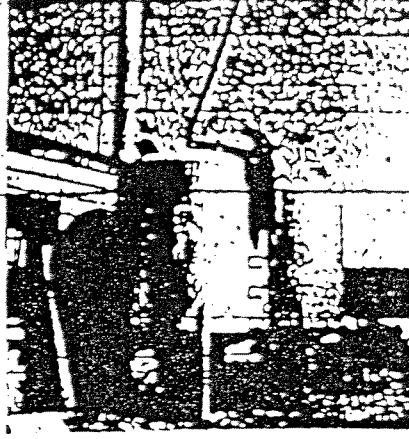
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APPENDIX B
SEATTLE TIMES ARTICLE, FEBRUARY 9, 1958



Alex Wahvor, a brewery employe, coupled hoses to tap spent yeast storage tanks.



C. Clary Harrison checked the level of the liquid yeast in one of the receiving tanks.



A large quantity of natural gas is burned in the process of converting spent yeast.

Spent Brewer's Yeast Increases Luster of Mink Stoles

MINKS have glossier coats and beefsteak is juicier because of the ingenuity of a Dutch indymaker and a Seattle engineer.

The Western Processing Co., 5972 1/2 Fourth Av., was formed by Garmt J. Nieuwenhuis, Netherlands-trained food technologist, and C. Clary Harrison, University of Washington engineering graduate.

The firm converts spent brewer's yeast, recovered as a by-product of a Seattle brewery, into brewer's dried yeast—an ingredient of stock food.

"Our method begins with the spent yeast in a liquid state," says Nieuwenhuis. "We pump this solution into an instantaneous dryer fired to 2,000 degrees Fahrenheit. The soggy mass hits a rapidly spinning disk and pool—it's a fine, dry powder."

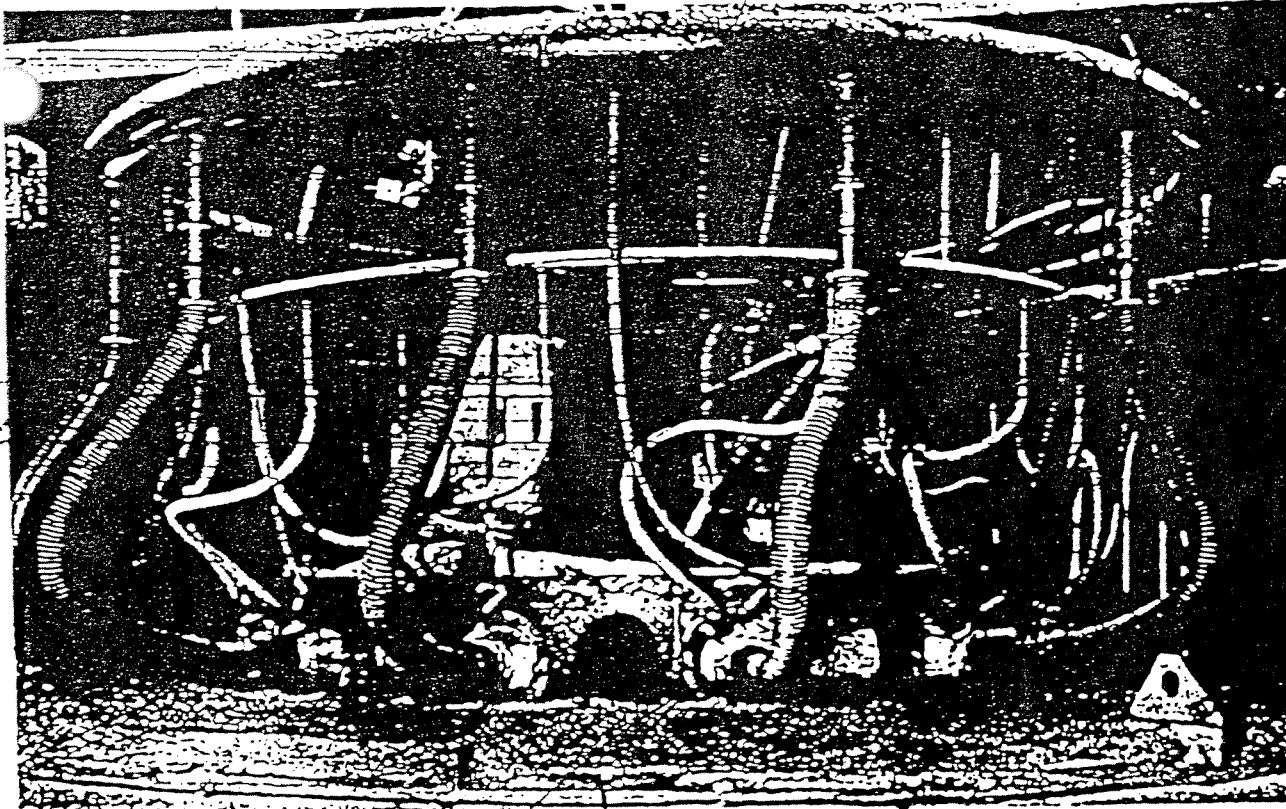
The Vitamin B complex and protein composition of brewer's dried yeast make it valuable as a feed additive or for pharmaceuticals. Beef stock lay on added pounds of prime meat, chicken fryers grow more tender, fur-bearing animals deliver better pelts.

Developing and managing a candied-fruit plant in Holland trained Nieuwenhuis in food chemistry.

In 1953 Garmt's inventive nature sought an outlet in America. Harrison, formerly chief engineer at a Seattle steel-construction company, and Nieuwenhuis conceived the process together.

Nieuwenhuis is applied at United States industry's spendthrift operations. "There are many opportunities for making something useful out of discarded substances," he says.

Photos by Peter Clarke



On top of the dryer this octopus-like arrangement of tubing, wires and nozzles blasts gas flames into the drying chamber.

The large yeast's remaining th

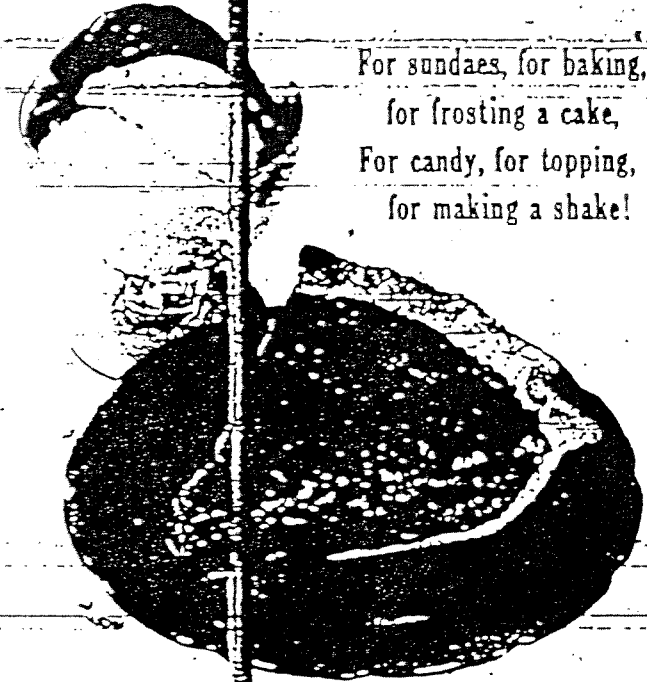
Garmt Nieuwenhuis records a day's production in the back ground wa filtering apparatus which cleanse exhaust gases preventing air pollution arising from escape of the dust-like yeast powder.

We made them
for you from our
own Caramel
Candy recipe!



New! Kraft Caramel Sauces

For sundaes, for baking,
for frosting a cake,
For candy, for topping,
for making a shake!



Here for the first time is true caramel,
ready to pour right from the jar. Two
flavors—Vanilla Caramel and Choco-
late Caramel. Now you can make the
most luscious caramel desserts easily
—and they'll turn out triumphs every
time. Like this glorious pie:

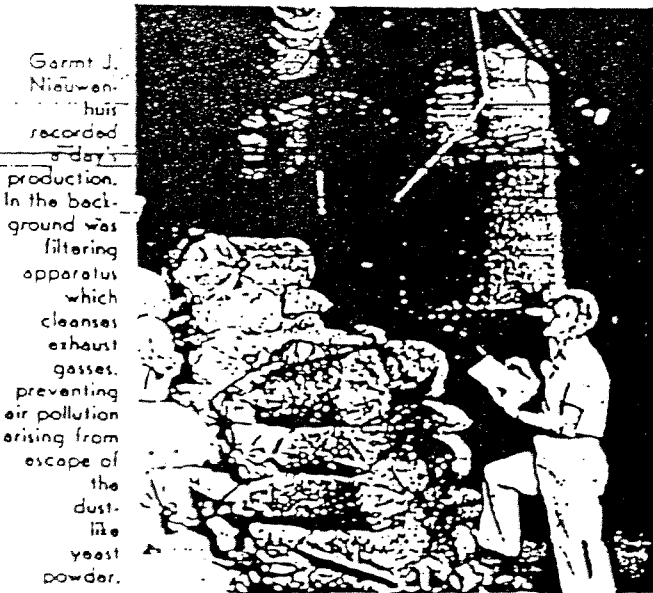
CARAMEL PECAN PIE: Place 1 cup
Kraft Caramel Sauce (of either flavor) and
1/2 cup Parlay Margarine in top of double
boiler. Heat, stirring frequently, until
blended. Combine 1/2 cup sugar, 1/4 cup
salt, 1/2 tsp. vanilla, 1 slightly beaten egg.
Gradually add Caramel Sauce mixture,
mix well. Add 1 cup pecan halves. Pour
into 9" unbaked pastry shell. Bake 18
min. at 400°, reduce to 350° for 20 min.
Filling appears soft while hot, becomes
firm as it cools.



RECIPE SOURCE: Write Kraft Caramel Sauces,
Box 3764, Dept. D, Chicago 90, Ill.



The large inverted cone at right is a drying chamber where the spent yeast's moisture is evaporated instantaneously. The silky powder remaining then is blown into loaders, at left, and sacked for shipment.



Garret J. Nieuwenhuis recorded a day's production. In the background was filtering apparatus which cleanses exhaust gasses, preventing air pollution arising from escape of the dust-like yeast powder.

Union Pacific Railroad
402 South Dawson Street

Facility/Site Detail

Facility/Site Name: Union Pacific Railroad Argo Yard

Ecology Identifier: 21429717

Facility/Site Location

Geographic Location	Latitude/Longitude
Street Address or Location 4700 BLK DENVER AVE S City: SEATTLE ZIP Code: 98134 County: KING Congressional District: 7 Legislative District: 11	Latitude: Deg: 47 Min: 33 Sec: 42.26 Longitude: Deg: 122 Min: 20 Sec: 10.96 Decimal Equivalents Latitude: 47.5617 Longitude: 122.3364 Accuracy Level: Unknown

Display the location of this site and all other sites of interest to the Department of Ecology that are approximately within a one half mile radius. Display the location of this site only, but do it via a controllable version of the map.

Reason for Interaction with the Department of Ecology

Interaction Description	Responsible Organization	Ecology Contact Phone #	Status
Hazardous Waste Generator	HAZWASTE	(360) 407-7555	Inactive

Industrial Classification

SIC Code	SIC Code Description
4011	RAILROADS, LINE-HAUL OPERATING

Mailing Address of Facility/Site

No Address Information Available at this Time

Facility/Site Detail

Facility/Site Name: UNION PACIFIC RAILROAD CO DAWSON Ecology Identifier: 44577768
ST

Facility/Site Location

Geographic Location	Latitude/Longitude
Street Address or Location 402 S DAWSON ST City: SEATTLE ZIP Code: 98108-2257 County: KING Congressional District: 7 Legislative District: 11	Latitude: Deg: 47 Min: 33 Sec: 20.34 Longitude: Deg: 122 Min: 19 Sec: 44.44 Decimal Equivalents Latitude: 47.5557 Longitude: 122.3290 Accuracy Level: Unknown

Display the location of this site and all other sites of interest to the Department of Ecology that are approximately within a one half mile radius. Display the location of this site only, but do it via a controllable version of the map.

Reason for Interaction with the Department of Ecology

Interaction Description	Responsible Organization	Ecology Contact Phone #	Status
WDP General Permit	WATQUAL	(360) 407-6401	Active
Underground Storage Tank	TOXICS		Active
Tier Two Reports	HAZWASTE		Active

Industrial Classification

SIC Code	SIC Code Description
4011	RAILROADS, LINE-HAUL OPERATING

Mailing Address of Facility/Site

No Address Information Available at this Time



April 10, 2000

Ms. Cyma Tupas
Toxic Cleanup Program
Washington Department of Ecology
3190 160 Ave SE
Bellevue, WA 98008-5452

RE: Interim Action Report for Incident N509530, Union Pacific Railroad, Argo Fueling Site, Argo Railyard, 402 South Dawson Street, Seattle

Dear Ms. Tupas:

This letter report is submitted on behalf of Union Pacific Railroad (UPRR) to describe the immediate independent assessment and remedial activities associated with the March 1, 2000 incident report to the WDOE of a diesel fuel release at the UPRR Argo Railyard in Seattle.

NOTIFICATION

UPRR notified the Washington DOE of the diesel release at 12:30 P.M. on March 1, 2000. In addition to the initial incident notification to the DOE, the release was also reported to the National Response Center (Report # 521662) and the Washington Utility and Transportation Commission.

SITE LOCATION

The release was associated with the diesel fueling system for refueling locomotives situated near the 1-Spot Shop (railcar repair shop) at 60 Diagonal Ave South in Seattle. This area is located on the north end of UPRR's Argo Railyard at the intersection of Diagonal Ave South, Colorado Ave South and Denver Ave South (Figure 1). The railyard sets entirely within an industrialized area about one-half mile east of the Duwamish estuary.

DISCOVERY AND MITIGATION OF RELEASE SOURCE

The diesel release was associated with the diesel fuel plumbing system that transfers No. 2 diesel fuel from an 18,000 gallon above-ground storage tank (AST) to a dispenser that refuels locomotives (Figure 2). The fueling operation is located on the western side of the 1-Spot Shop.

The initial discovery of free-phase diesel occurred in August 1999 during the annual monitoring event at UST Site 100501 - LUST Incident 2914. Diesel product was detected in MW-7A during this event, and was tentatively attributed to the downgradient spread of the product plume found in wells MW-4 and MW-21 (see Figure 2). On February 15, 2000, during routine gauging of wells at the UST site, an increased thickness of diesel fuel product was discovered on groundwater in well MW-7A as well as a new occurrence of product in MW-24. About 2.5 feet of new diesel fuel had accumulated in well MW-7A and a foot had collected in MW-24. These wells did not contain free product during previous monitoring events dating back to the early 1990's. Both wells are located on UPRR property.

Immediately after the discovery of product in the monitoring wells, both in August 1999 and again in February 2000, UPRR performed multiple tests on the integrity of the nearby diesel fuel line running from the diesel AST to the dispenser, but no fuel leaks were found. A leak from this buried line was suspected because it is upgradient from the newly impacted wells. Due to continued, persistent investigation by UPRR personnel, a diesel release point was discovered on March 6 at an air eliminator valve attached to the fuel transfer piping next to the dispenser. This valve was subsequently repaired, and the release source is now mitigated.

INTERIM REMEDIAL ACTION

The immediate UPRR response to the free-phase diesel impact of groundwater was to delineate the extent of product impact and to begin emergency product recovery operations. Safety-Kleen Consulting installed additional monitoring and recovery wells during the week of March 13, 2000. Product recovery skimmers were installed in two wells.

Assessment of Free-Phase Product Impact

In addition to the eleven 2-inch diameter monitor wells originally installed to monitor the LUST impact, ten more wells were installed to further map the new diesel plume and to provide points for additional product recovery (Figure 2). Six of the new wells are 4-inch diameter installations. The wells range from 15 to 20 feet deep. Groundwater saturation is typically encountered at depths of 7.5 to 9 feet deep.

The approximate delineation of the plume is plotted on Figure 3. The product thickness at each of the wells is also plotted. Previous monitoring has shown that the groundwater gradient is south-southwest to southwest, and the plume appears to have migrated southwest from the release source near the current fuel dispenser. As yet there are no data west of Colorado Avenue South to complete the western boundary of the plume. The absence of new diesel product in the older wells near the shop indicates that there has been no contaminant migration to the north or east.

The soil borings reveal that the uppermost groundwater saturation zone and the diesel product layer are within an artificial fill horizon that is composed of a heterogeneous mix of sand, gravel and clay with common industrial debris (brick fragments, wood, glass, clinker, etc.). Bail-down tests and the quick restoration of product in the current recovery wells suggest much of the fill has reasonably good permeability. Grain size fractionation tests indicate K values within the 10^{-2} to 10^{-4} range.

Product Recovery

To quickly begin product recovery while assessing further options for a more permanent remedial system, floating product skimmers were installed in MW-7 (a 2-inch well) and the newly installed MW-28 (a 4-inch well). Diesel is pumped automatically from the skimmers using a suction-lift pump. Both wells had product accumulations of 2.5 feet or greater. The skimmers were started on March 16. As of March 27, about 980 gallons of diesel had been recovered and stored for disposal in the 2,000 gallon waste oil tank on-site. The product is periodically retrieved from the tank for disposal by Emerald Petroleum of Seattle. No waste water is produced from this recovery system.

REMEDIAL ACTIONS PLANNED

In order to assess the most effective diesel recovery technology, a pump test has been conducted to obtain hydrogeologic information and aquifer response data in order to design an appropriate recovery system. The water drawn during the pump test will be discharged to the onsite UPRR oil/water separator and ultimately into the sanitary sewer under King County Metro Minor Discharge Permit 103. Recovery system design will begin during the week of April 10.

Additional downgradient assessment of the diesel plume is planned pending access to off-site properties west of Colorado Avenue South. The WDOE will be kept apprised of progress and plans for further assessment as well as on the further developments of remedial design and implementation.

April 12, 2000
Page 4

For comments or questions about site conditions or the disposition of current work please write or call Ed Ullmer at (303) 938 5564 or Ken Vogler at (303) 938-5518.

Sincerely,

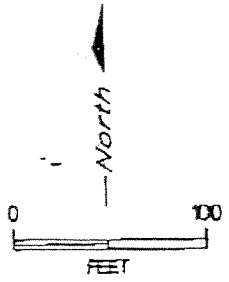
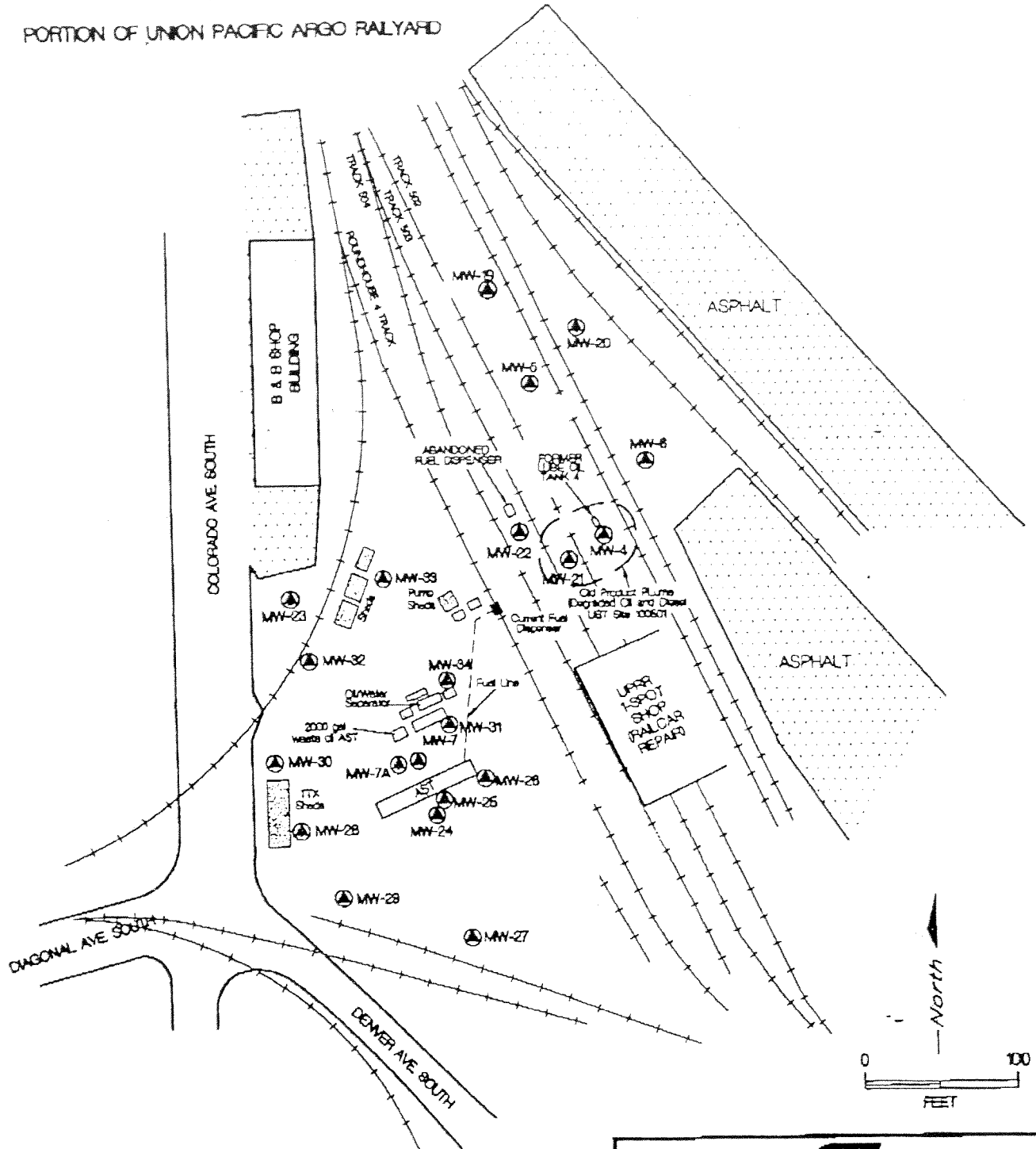
Ken Vogler/ear
Ed Ullmer
Geologist

Carol Edson
Carol Edson
Senior Engineer


Attachments: Maps (3)

cc: R. Markworth, UPRR
Larry Earnshaw, UPRR
David Young, UPRR
Brock Nelson, UPRR
Bill Streety, UPRR
Ken Vogler, S-K

PORTION OF UNION PACIFIC ARGO RAILYARD



LEGEND	
	OLD MONITORING WELL SET PRIOR TO DIESEL RELEASE
	NEW MONITORING WELL SET MARCH 2000
	SHED LOCATIONS



SK
safety • clean • cooperating

SEATTLE, WASHINGTON (UPRR-800)

FIGURE 2
1-SPOT SHOP AREA - DIESEL RELEASE
SITE MAP WITH WELL LOCATIONS

SCALE 1" = 100'	DATE 3/29/00
--------------------	-----------------

800120-0005



RECEIVED

SEP 1 2000

DEPT OF ECOLOGY

August 30, 2000

Ms. Susanne Winter
Spill Prevention, Preparedness & Response Program
Department of Ecology
3190 160th Avenue SE
Bellevue, WA 98008-5452

RE: Union Pacific Railroad Seattle Argo Rail Yard

Dear Ms. Winter:

On behalf of the Union Pacific Railroad (UPRR), Safety-Kleen Consulting is providing an update on the investigation and cleanup work at the UPRR fueling facility at 60 Diagonal Avenue South in Seattle. This is in response to your August 17, 2000 e-mail request. The attached map shows the location of the site. A discussion of future site investigation plans is also included.

UPRR has been working on the investigation and cleanup since August 1999 when diesel fuel was discovered in compliance monitoring well MW-7A during routine monitoring of UST Site 100501 LUST Incident 2914. UPRR conducted pressure tests on the nearby diesel fueling pipeline on August 23, 1999 and November 8, 1999 and found no leaks. UPRR reported these events to the Washington Department of Ecology (DOE) LUST Program in their annual groundwater monitoring report dated December 23, 1999. On February 15, 2000, during routine monitoring, diesel fuel was again found in MW-7A and in a second compliance well MW-24. Although UPRR tested the fuel pipeline again and found no leak, on March 1, 2000 they notified the DOE of a diesel release associated with the fueling facility. They also reported the release to the National Response Center (Report # 521662) and the Washington Utility and Transportation Commission. UPRR further investigated the release and on March 6, determined the source to be an air eliminator valve attached to the fueling system. The source was subsequently repaired.

UPRR contracted Safety-Kleen Consulting to investigate the extent of the diesel release on the local groundwater and to begin cleanup. Groundwater monitoring wells were installed and the extent of the diesel plume within the rail yard property was identified. On April 10, 2000, UPRR provided an interim action report (Incident N509530) to the DOE Toxic Cleanup

Groundwater Program. The report summarized events and discussed cleanup activities and plans.

Cleanup began on April 8 by skimming diesel fuel from selected monitoring wells. During the week of July 17, a total fluids recovery system was installed to increase recovery rates. Using these recovery methods, 10,400 gallons of diesel were removed from the water table.

On August 4, UPRR responded to City, County, and State officials' concern that diesel fuel could potentially migrate into the Duwamish Waterway. UPRR directed Safety-Kleen to mobilize Foss Environmental and Infrastructure to open an excavation in the diesel plume area in the rail yard and begin pumping total liquids from the excavation. Three slotted, 3-foot diameter culverts were placed in the excavation and then it was back-filled with 1-3/4 inch wash rock. Wood crosspieces were constructed over the tops of the culverts to prevent falls into the culverts and wooden boxes with hinged tops were placed over the culverts. Groundwater and diesel fuels were pumped from the culverts using vacuum trucks and placed in double-walled Baker Tanks for on-site temporary storage. After the diesel and water separated in the Baker Tanks the water was discharged to the sanitary sewer through a permitted in-ground oil/water separator and measuring flume. The diesel was sent to an oil recycle service (Emerald Petroleum). The area around the culverts was fenced and surrounded with warning tape to minimize unauthorized entry.

As of August 22, the total volume of pure diesel fuel removed from the water table since cleanup began was 21,300 gallons. This volume includes the 10,400 gallons recovered prior to August 4. Diesel recovery continues from the culverts.

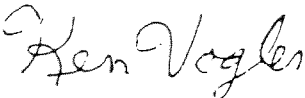
Pumping from the culvert area appears to be creating a groundwater cone of depression and capturing the diesel floating on the water table. During pumping of the culvert the thickness of diesel in nearby monitoring wells MW-28, MW-30 and MW-32 has decreased. This is illustrated after August 4 in the enclosed monitoring well hydrographs for these wells. The attached groundwater contour map also illustrates how the pumping creates a groundwater cone of depression around the culvert area. This indicates that capture of the diesel fuel is occurring around the culverts.

During the week of August 28 the recovery system is being modified. The vacuum truck will be replaced with a pneumatically operated diaphragm pump. The double-walled Baker Tanks will be arranged so that fluid flows from the pump into one tank for diesel-water separation. Water from the first tank will then be pumped into the second tank to polish the separation process. Water from the second tank will be pumped into a packaged blower/tank unit to treat volatile organic compounds. Water from the blower/tank unit will flow by gravity to the existing permitted in-ground oil/water separator and measuring flume and from there into the sanitary sewer. Diesel will be pumped by vacuum truck from the first and (if necessary) second Baker Tanks and transported to the oil recycle service.

The future plans include a second phase of investigation to determine if and how far off-site the diesel has migrated on the groundwater. The objective of the investigation will be to determine if the nearby storm and sanitary sewer lines are controlling the migration of the diesel. The field investigation is being planned for this fall. Additional cleanup plans will be developed on the basis of the investigation results.

UPRR will continue to recover diesel and may modify the process to optimize recovery efforts. Fluid level measurements in monitoring wells, diesel recovery rates and volumes, and groundwater recovery volumes will be used to monitor the recovery process and make adjustments as needed. If you have any questions please feel free to call Ken Vogler at (303) 938-5518 or Bob Markworth at 402-271-4054, UPRR's project manager for this site.

Sincerely,



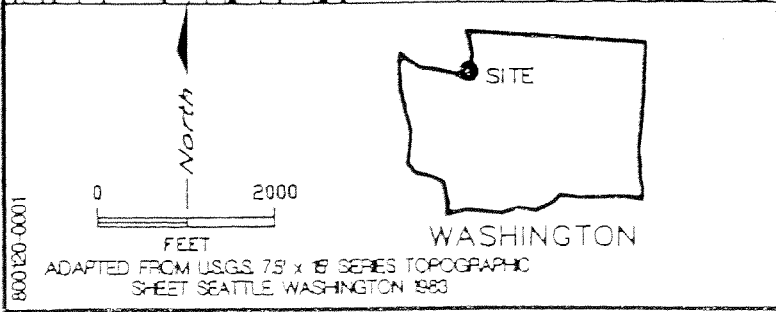
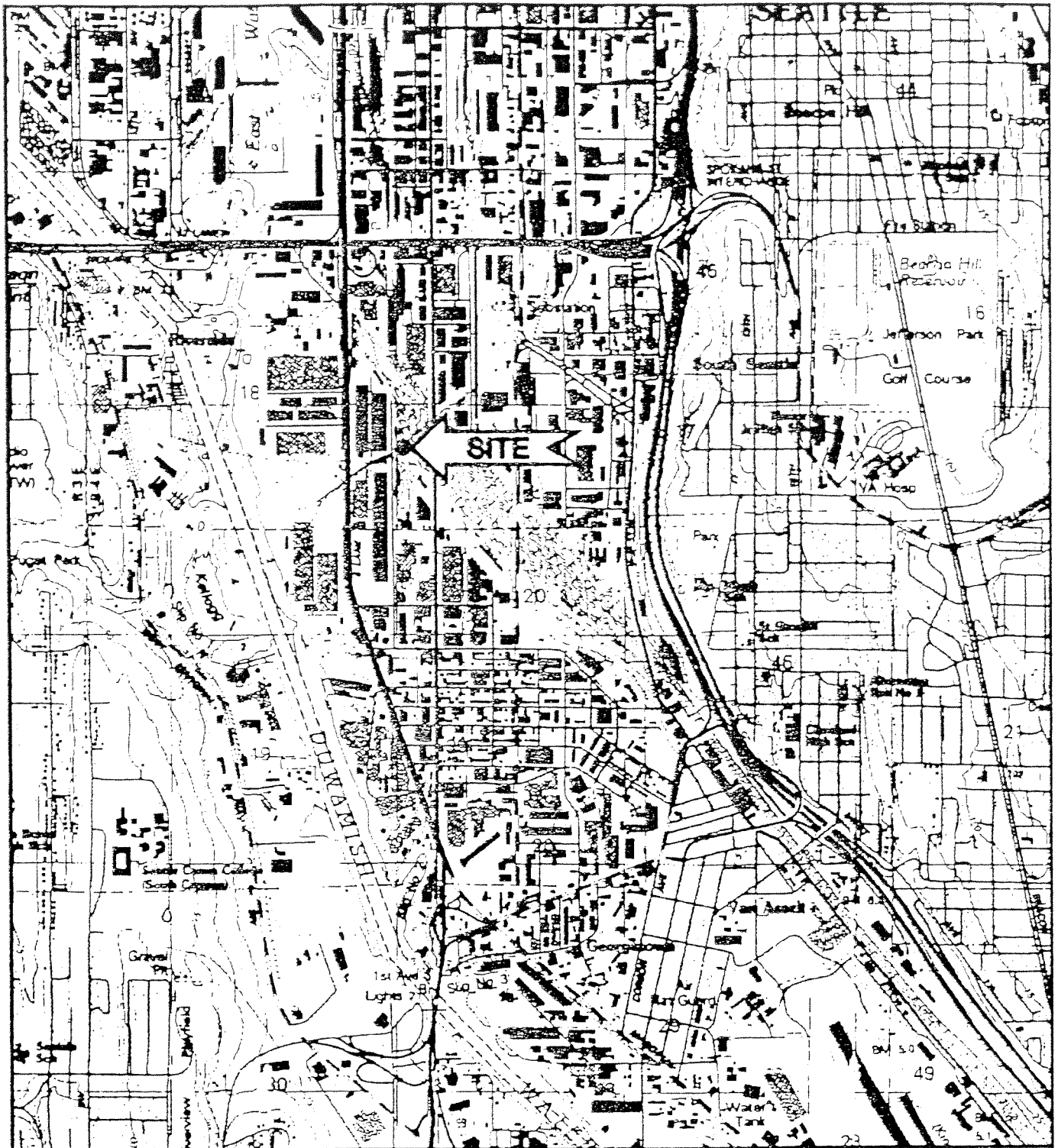

Ken Vogler, P.E.
Hydrogeologist



Carol Edson
Senior Engineer

Enclosure Site map
 Groundwater contour map
 Hydrographs (3)

Cc: ✓ Ron Devitt, Department of Ecology
 Jeff Bowman, King County
 Beth Schmoyer, City of Seattle
 Kami. Wong, City of Seattle
 Ken Pridachuk, UPRR Seattle
 Tom Kaufer, UPRR Seattle
 Ed Hurst, UPRR Roseville
 Brock Nelson UPRR Omaha
 Bob Markworth, UPRR Seattle

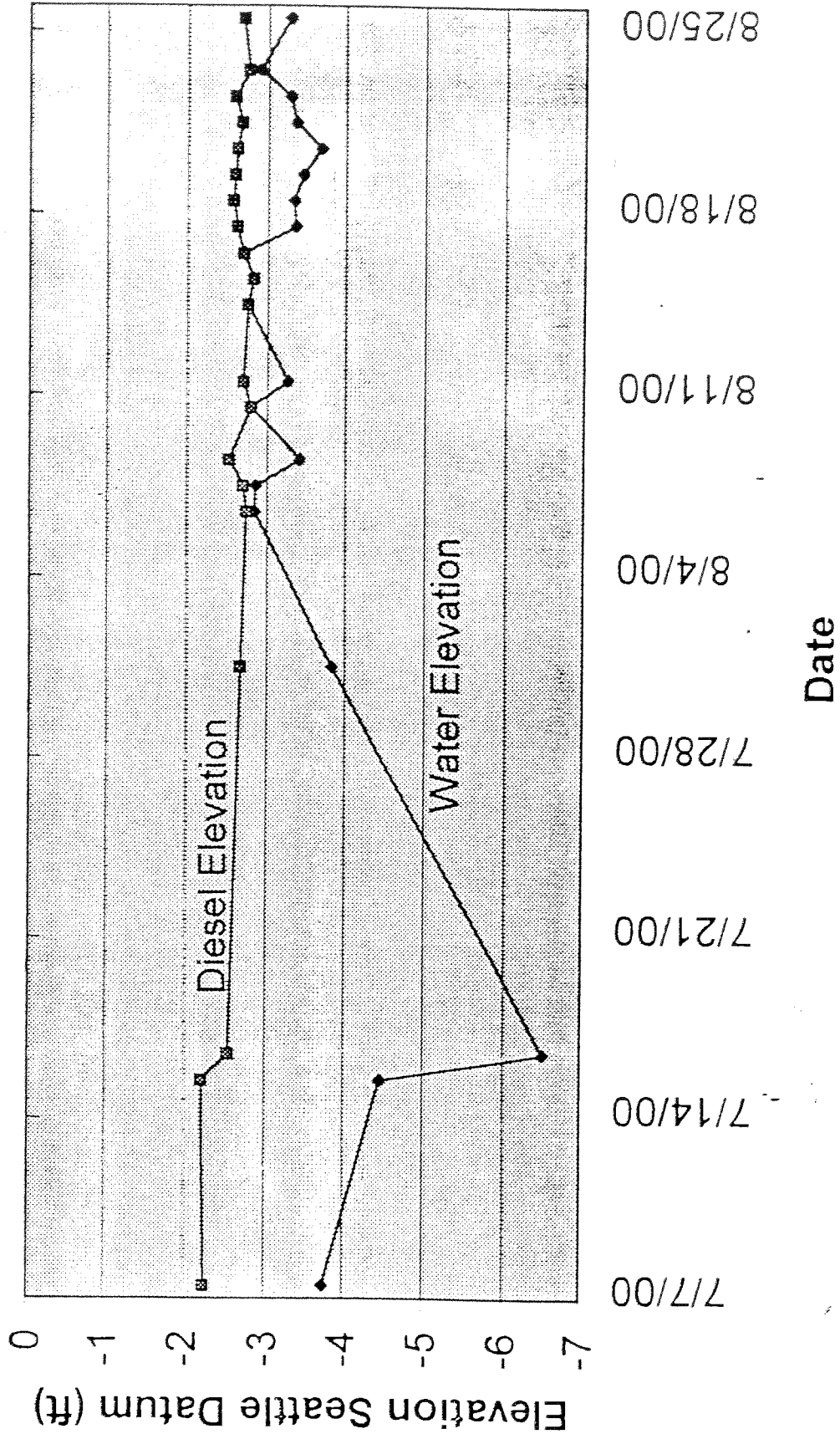



SEATTLE, WASHINGTON

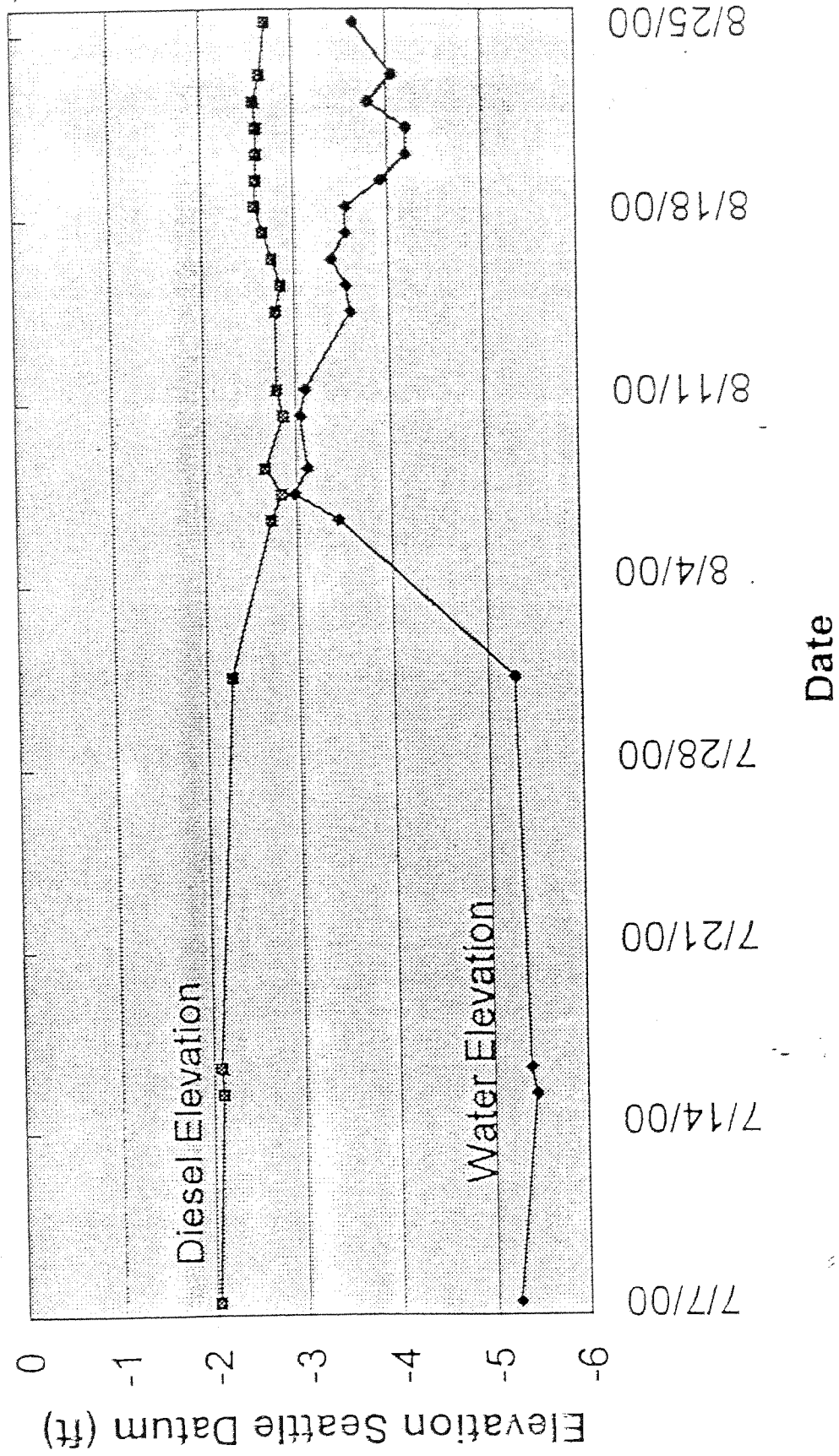
FIGURE 1
UPPER SITE - 60 DIAGONAL AVE SOUTH
SITE LOCATION MAP

SCALE	DATE
1: 25,000	3/29/00

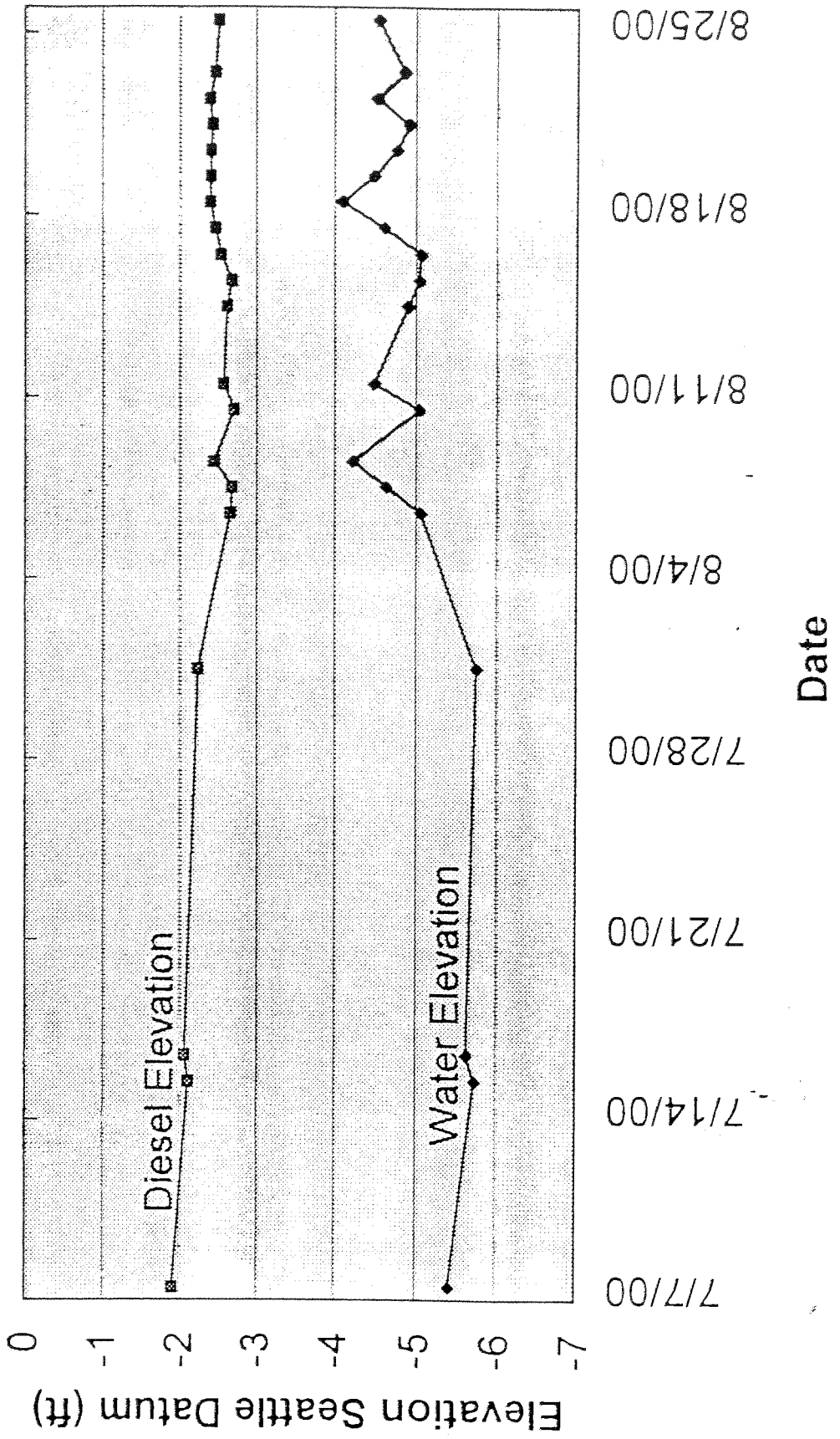
MW-28 Hydrograph

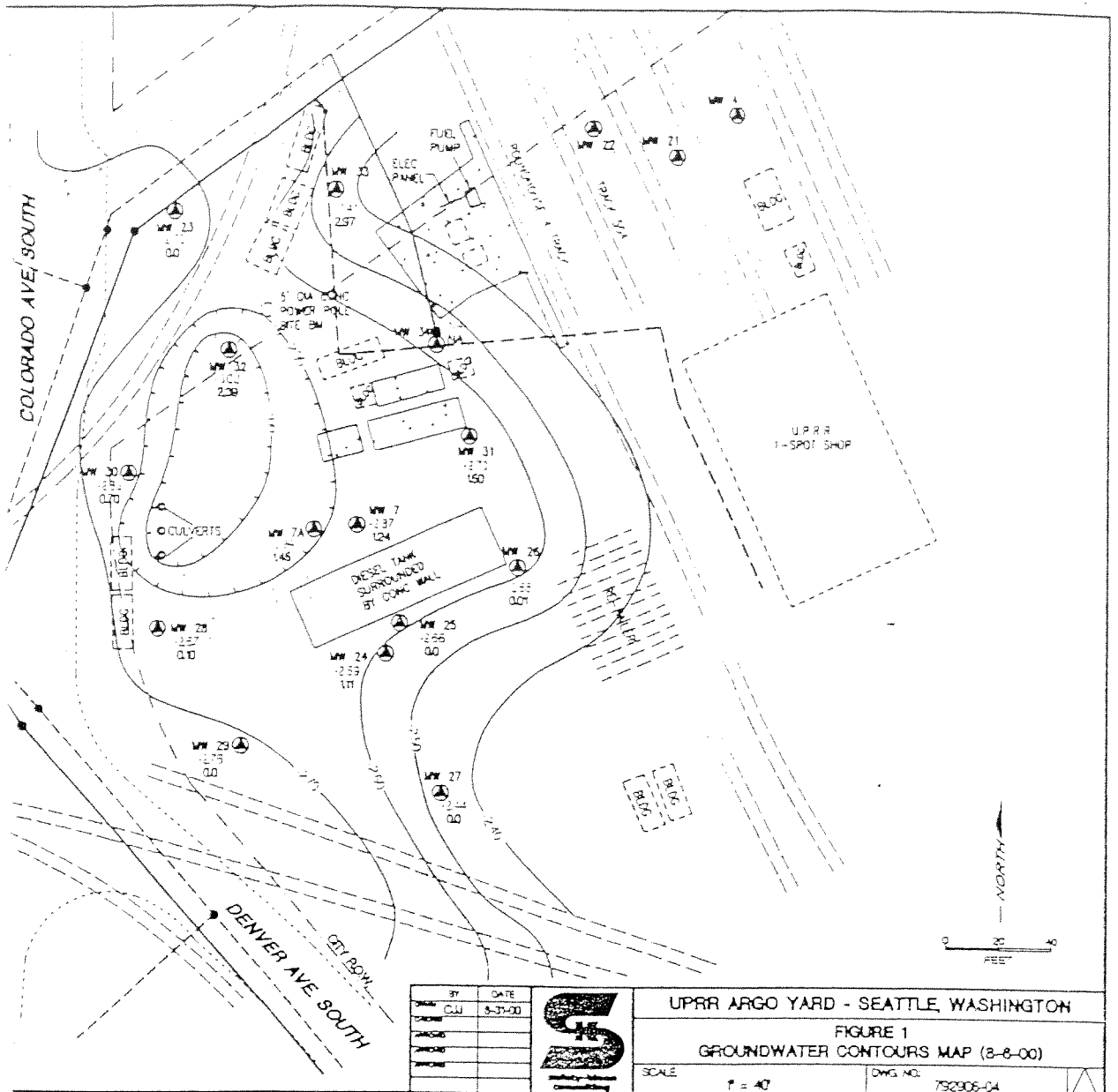


MW-30 Hydrograph



MW-32 Hydrograph





BY	DATE
DLJ	5-31-00



UPRR ARGO YARD - SEATTLE, WASHINGTON

FIGURE 1
GROUNDWATER CONTOURS MAP (8-8-00)

SCALE 1" = 40'

DWG. NO. 752906-04



Timm, Ronald W.

From: Tupas, Cyma
Sent: Tuesday, September 05, 2000 2:21 PM
To: Devitt, Ron
Cc: Timm, Ronald W.
Subject: RE: N512440 diesel @ Union Pacific Yard.

Ron,

Ron Timm & I wants a copy. Ron Timm will be soon taking over this project from me.

Cyma

-----Original Message-----

From: Devitt, Ron
Sent: Tuesday, September 05, 2000 2:06 PM
To: Tupas, Cyma
Cc: Thompson, Rod
Subject: RE: N512440 diesel @ Union Pacific Yard.

We just got an interim report. They say they got 21,300 gallons of "pure diesel fuel" removed from the water table since the beginning of recovery on April 8. It was reported that 10,400 was recovered before August 4 (and the rest after that). They will be doing additional evaluations this fall to help evaluate how far it went off site.

-----Original Message-----

From: Tupas, Cyma
Sent: Wednesday, August 02, 2000 9:39 AM
To: Colburn, Gail
Cc: Winter, Susanne; Devitt, Ron; Walker, Richard; Timm, Ronald W.; Musa, Donna K.
Subject: RE: N512440 diesel @ Union Pacific Yard.

The UPRR site that I am working on is the Argo Yard at 4700 Denver Ave. S. in Seattle. The assigned ERTS # is N512157. It does not look like the same site as Dawson St., however I haven't been there to verify it. Maybe Ron Timm would know. I am in the process of listing the 4700 Denver Ave. S. address based on the report submitted to me entitled Follow-up Geotechnical Evaluation, UPRR (Argo) Seattle Intermodal Facility (June 2000, Shannon & Wilson).

-----Original Message-----

From: Colburn, Gail
Sent: Monday, July 31, 2000 6:17 PM
To: Tupas, Cyma
Subject: FW: N512440 diesel @ Union Pacific Yard.

Cyma, does this sound familiar?

-----Original Message-----

From: Winter, Susanne
Sent: Monday, July 31, 2000 5:38 PM
To: Colburn, Gail
Cc: Tupas, Cyma
Subject: RE: N512440 diesel @ Union Pacific Yard.

Ok here is the information I have gotten so far from UPRR.

The letter dated April 10, 2000 to Cyma was called the Interim Action Report for Incident N509530, Union Pacific Railroad, Argo Fueling Site, Argo Railyard, 402 S. Dawson Street, Seattle.

Ron and I just got back from the site. If you have any further questions...let me know. I will be working with UPRR and the City of Seattle to try to get them together to work out the storm water system issues.

-----Original Message-----

From: Colburn, Gail

Sent: Monday, July 31, 2000 3:36 PM
To: Tupas, Cyma
Cc: Winter, Susanne
Subject: FW: N512440 diesel @ Union Pacific Yard.

Cyma; the e-mail I printed today should go in the file you have started on this ERTS. What is the status of the file? We should not have to do another II, as Ron was out there. We should just do the paperwork to get it listed. Thanks, Gail

-----Original Message-----

From: Winter, Susanne
Sent: Monday, July 31, 2000 3:09 PM
To: Devitt, Ron; Walker, Richard
Cc: Colburn, Gail
Subject: RE: N512440 diesel @ Union Pacific Yard.

Hi all...It should be listed. I have the information in a letter dated to Cyma Tupas April 2000 there is already an ERTS. I'll forward the information on to you when I have a chance to print it out.

-----Original Message-----

From: Devitt, Ron
Sent: Monday, July 31, 2000 2:59 PM
To: Walker, Richard; Winter, Susanne
Subject: .FW: N512440 diesel @ Union Pacific Yard.

-----Original Message-----

From: Colburn, Gail
Sent: Monday, July 31, 2000 2:41 PM
To: Devitt, Ron
Cc: Musa, Donna K.; Tupas, Cyma
Subject: RE: N512440 diesel @ Union Pacific Yard.

Ron, this site is not listed on our database of contaminated sites. Could you please provide Donna Musa with the relevant information on address, contaminants and media, so that she can start a ERTS sheet so that we can get the site listed. Thanks, Gail

-----Original Message-----

From: Devitt, Ron
Sent: Thursday, July 27, 2000 5:24 PM
To: Winter, Susanne
Cc: Colburn, Gail; 'musa, donna'; Fitzpatrick, Kevin
Subject: N512440 diesel @ Union Pacific Yard.

There is an Industrial Stormwater Permit for their site on Dawson Street (SO3001155). Jerry Hatch was listed as the contact, but I have been told he is retired. Vern Libby referred me to Ed Williams (514-883-6518) who said he had talked with you and that Robert Markworth is the site manager.

Based on our discussion, you will be talking to Robert Markworth, in the morning. There is evidently an ongoing pump and treat system in operation. The initial report suggested there may be enough product in the ground that increased effort may be worthwhile. If we can request a status of the project, it would be helpful.

I will be wanting to talk to Robert too. The City and Industrial Waste staff believe there are off-site effects from the spill. The facility, whether it is considered part of the Dawson facility or a different site will have to step up its controls so the groundwater and stormwater that are getting into the stormdrainage system do not carry the petroleum with it.

I suggested to Ed that you will deal with the immediate concerns determined by your criteria and as it fades from your priority, I may serve as an interim contact as it is phasing into a long term issue that involves Toxics Cleanup.



APPENDIX 1A

ATTACHMENT C

POLK DIRECTORY FILES

1939 - 1996

1939

Find

5601 Rach Math
5609 John B Solack
orc.

5713 John Post
Mead

5706 Robt Lovejoy
515 Wm R Berger
Mead

Lucille

402 Myra Eastman
405 Robt Rhodes
405 Harni Sweet
412 Danl Anderson
413 Adolf Wolcreit
416 John Gilman
417 Steiner Dier

501 Louis Hostak

502 D'Aniele Raffaele

504 Vacant

506 John Norberg
512 Peter Smith
513 Albert Houser
517 Chas Gould
522 Loyd Barkman
523 Alice Dempski
528 John Richards

500 Eug. Miller
506 Louis Napier
509 Ed. Zakovy
510 John Sabohian
512 Menet Phillips
513 Jim Clubine
518 Felix Nowalk
521 Marshall Snider
522 Albert C Giesem
523 Wm Lee
524 Carmela Micera
527 Thos Hickson
533 Gasmer Zernick
538 John Watson

657 Ammunda Hauiland
660 Dale Belknap
670 Percy Wood
673 Matilda Sundell
674 Cliff Douglas

Findlay

402 Frank Hofferz
412 Francis Nordstrom
416 Jan Harrod
418 John Fossati

517 Neil McDonald
525 George G. Larour
525 Francis Santoni

603 Ed Beslow
606 Thos DeBoeur
609 Frank Brown
612 Elsie Remadore
613 Winifred Stanger
624 Roland Crawford

Grocer
Smeads

Orcas

402 John Gilman grocer
403 Louis Bianchi
418 Fred Shatenkerk
419 George Hales
501 Oto Schmidbauer
502 Frank Anderson
507 Irene Smith
508 Jas & Chas Townsend
511 Carl Bauer
514 Wm Vantine
515 Ceal Pullen
516 Louis Pernacchi
520 Jas Morgan
522 Wm Zerr
528 Jas Berry
531 Robt Petticoat
603 Ed Robinson
604 E. T. Fletcher
605 Casey Cornelius
611 Vacant
614 Jesse Teegard

Mead

402 Pat McGraw
406 Jas Sengel
407 Burt Wray
411 Ed Moore
412 Ernest Benson
416 Morris Glaze
425 Harold Orlos

500 Marjette Shubert
503 Wm Williams
507 Herb Bidden
508 Ralph Lane
51 Ed Condon
512 Chas White
515 Fred Nordenu
520 Fred B. Smith
522 Joe Larson

1944 (6 residences except)
502 Lucille grocer
402 Grocer: Clarence Galloway
Shoe repair

1948-1949

409 Mead: Maple Ridge Beauty
Salon
402 Orcas Appliances Service Co.

1951

405 Fidalgo: Gronley Machine
Works &
Phillbrick-Hoog
Co. - refrig.
600 Findlay: Bethel Baptist Church
502 Lucille Raffaele D'Aniele, gr.
402 Orcas Appliance Svc. Co
(household appliances)

1953

405 Fidalgo (same ↑)
600 Findlay Bethel Baptist Church
502 Lucille (same ↑)

1954

507 Mead under construction (house)
502 Lucille grocer same
405 Fidalgo - same ↑
600 Findlay - same ↑

Source:
Polk
City
Director

101K City Directory
 Lucille -> Fidalgo
 @ 5th & 6th Aves

Machine Works
 for Equip (shop)
 Church
 Grocery

156
 55 Fidalgo Cronley Machine Works
 50 Findlay
 52 Lucille same

157
 55 Fidalgo Cronley
 50 Findlay same
 52 Lucille same
 57 Mead Kuehn's Garage (auto repairs)

158
 55 Fidalgo same
 52 Lucille same
 57 Mead same

159
 55 Fidalgo same
 57 Findlay St. Grocery
 52 Lucille same
 57 Mead same

60
 57 Mead same
 55 Fidalgo - vacant
 50 Findlay - same
 52 Lucille - same

61-62
 57 Mead Martins Auto Body Shop
 52 Lucille Safety Baby Furniture Co.
 52 Lucille - same
 50 Findlay same

363
 56 Fidalgo Ott - Atwater Inc bldg contractors
 57 Fidalgo Tacoma Screw Products
 52 Lucille Petroleum Sales Inc.
 52 Lucille same
 57 Mead Martins Auto Body Shop

4
 06 Fidalgo same
 00 Findlay Bethel Baptist Church
 02 Lucille same
 07 Mead - same

1965
 502 Lucille - same
 407 Mead - same
 607 Fidalgo - Tacoma Screw
 406 Fidalgo - vacant

1968
 411 Fidalgo - McKinstry Co
 Mech. & Sheet M-
 Fidalgo
 415 Tudor Great Western
 Cordage Rope & Wire
 Manufacturers
 429 Fidalgo Nioco NW
 607 Fidalgo - same
 600 Findlay - same
 502 Lucille - same
 622 Lucille - Bonald
 Salvage Material
 407 Mead McKinstry Garage

1969
 411 Fidalgo - same
 415 " " - same
 429 " " - same
 607 " " - same
 600 Findlay - same
 407 Mead - same

1970
 407 Mead - same
 502 Lucille - no more groc.

411
 415) Fidalgo - same
 429)
 607)
 600 Findlay - same

1971-72
 411, 415, 429, 607 Fidalgo - same
 600 Findlay - same
 650 Orcas - The Robbins Co.
 Machinery Manufact-
 urers
 112K business prod.
 manufacture copies

1975 Poik City Directory

- loc trucking 823-0350
 loc (Sls Ofc) dcrs whol
 824-6810
 A cigarette mfg
 & forwarders 824-7074
 urethra sls 823-7060
 re polish & die mfrs
 Service freight
 963
 Corp (Industrial
 ga & labels sls 824-8410
 re Co loc food brokers
 light 882-2772
 2453 Stack Steel (Heat Treating Plant) 823-5672
 re agt 823-2889
 trucking 823-0650
 delivery 823-1336
- 3 HIGHLAND ST INTERSECTS**
 1919 Graybar Electric Co loc whol elec supe
 882-0123
 1930 Taylor-Edwards Whse & Transfer Co loc
 (Ofc Bldg)
 Taylor-Edwards Warehouse & Transfer Co
 loc fr transfer & stge 822-2960
 Rooms
 101 Lorillard P Corp tob whol 823-3356
 102 Vacant
 103 Graves-Chamber Co food brokers
 882-4462
 2d Fl Frankfurt & Associates eng
 consultants 823-8296
 2dfl Frankfurt-Parr-Sparrow archts &
 engs 823-8296
 300 Alliance Brokerage & Marketing Corp
 food brokers 822-8170
 301 Vacant
 303 Terry-Diemert Co food brokers 823-4030
 308 Vacant
 308 Harshay Foods Corp (Dist Sls Ofc)
 823-4487
 309 Reeses H B Candy Co candy mfrs
 823-4947
 400 Amalgamated Sugar Co The distrs
 822-0405
 400 Mailliar & Schmeddel food brokers
 822-0405
 400 Market Sales Co whol confectioner sugar
 822-0405
 401 Vacant
 402 Vacant
 403 Furber-Harrell Inc food brokers
 824-1097
 1860 Geason G & O loc hgt air condition prods
 sup 882-7391
- 3 WALKER ST INTERSECTS**
 2200 Whipool Corp major home appls distrs
 824-2240
 2201 Alaska Traffic Consultants frt traffic svy
 882-2817
 Inland Northwest Film Service loc trucking
 I N C O Express 824-1806
 Di Pietro Trucking trans 824-6683
 Diener Whipool Corp parts distr 824-2248
 2225 Stack Steel (Whse) 823-5066
 2233 Westinghouse Electric Supply Co whol
 823-7001
 2236 Little Audrey's Transportation loc 822-7512
 Albany Frozen Express frt exp 824-4574
 Vacant
 2240 Roosterail Restaurant The 822-2390
 2244 Evergreen Truck Stop gas sta 882-0800
 Kichinko Freight Brokers 823-4453
 Quick Freight Brokers 823-8454
- 3 STACY ST INTERSECTS**
 2400 System Terminals Building
 Rooms
 200 System Transfer & Storage Co 824-0740
 201 Master Toak Co distrs 823-6381
 201 Warnock Co food brokers 823-6381
 202 Vacant
 203 Cortado Chemical Co 822-2542
 203 Swift & Co food broker 824-0740
 United Transcontinental Freight Co rm 203
 824-8799
 204 Pruning Specialties Local 380 882-5280
 206 Vacant
 208 Mills Co The contractors agts 822-6382
 207 Western Freight Association 824-1471
 208 Town & Country 823-6381
 252 Papercraft Specialty Co brokers & mill
 rep 882-8292
 253 Mechanical Sales Associates 825-0671
 256 Del-Co 824-0671
- STREET CONTINUED**
 2411 Industrial Plating Corp electroplating & ml
 shops 824-1814
3 BAYVIEW ST INTERSECTS
 2425 U S Flexible Metallic Tubing Co mfrs
 823-4577
 2427 Camille Plastic & Chemical Co whol
 882-7252
 2427 Vacant
 2439 Stack Steel And Supply Co (Whse)
 2440 Vacant
 2447 Vacant
 2450 Ofc Bldg
 Brokers Warehouse Co 824-3040
 Calgon Corp 824-3040
 Industrial Transfer & Storage Co
 Industrial Warehouse Co loc 824-3040
 Rooms
 La Del Monte Sales Co food distr 822-5414
 100 Gavro-Sinnett Co food brokers 882-5200
 100 Douglas-Johnson Co mfrs agts 822-9043
- 3 HORTON ST INTERSECTS**
 2715 Coulter Steel & Forge Co mfrs 882-6086
 2724 Beebe Bros loc machy mfrs 824-0466
 2727 Amuck Metal Fabricators 822-6228
 2739 Austin-Mac loc steel fabricators
 2752 Northwest Wire Works loc mfrs 824-4938
 2757 Plast Electric Supply loc whol 824-4083
- 3 FOREST INTERSECTS**
 2900 Marley Auto Parts Co whol 882-0292
 2901 American Baking Co (Langwood) Div whol
 & mfg 882-2244
 2904 Wire Rope Corp Of America 823-2232
 2908 Brake & Clutch Supply 823-5666
 2922 Pacific Northwest Industries loc dist ind
 prod 823-7733
 2926 Pac NW Ind (Stge)
 2930 Northwest Motor Parts & Manufacturing Co
 824-4448
 2940 Morton Salt Co Inc (Sls Ofc) 823-4506
 2958 Trans-Western Express interstate trucking
 823-3972
- 3 HANFORD ST INTERSECTS**
 3200 Alaskan Copper & Brass Co snpping dept &
 docks 823-5800
 3223 Alaskan Copper & Brass Co 823-5800
- 3 HORTON ST INTERSECTS**
 3300 Rugby United frt lines 882-3113
 3301 Transport Equipment (Stge)
- 3 HIND ST INTERSECTS**
 3400 Transport Equipment Co truck bodies
 882-2222
 3405 Vacant
 3405 1/2 Alaska Copper Wire (Stge)
 3429 State Hwy Dept (Permit Ofc) 484-7068
- 3 SPOKANE ST INTERSECTS**
 DIAGONAL AV S INTERSECTS
 3601 Foster & Kleiser outdoor adv 882-3833
 3614 Commercial Heat Treaters loc 823-6042
 3623 Building
 De Vos & Reynolds (Div Of Celanese Corp)
 whol 823-2712
 Celanese Coatings Corp 823-2712
 Kelly Tom F Co marine coatings 824-2580
 Northwest Traffic Service frt forwarding
 822-7296
- ROOMS**
 1 Commercial Warehouse Co loc No One
 mdse 823-5633
 1 Du Bois Co loc The chem mfrs 822-7006
 1 Owl Transfer & Storage Co loc 822-1850
 2 Biddle Co mfr rep 822-5833
 3 Amer-Con Freight Systems frt forwarding
 882-7300
 4 De Baum Don Co garden sup 824-5320
 5 Vacant
 Commercial Warehouse Bldg loc
 Kel-Kote Marine Coatings & Srv Ltd
 3925 Arrow Transfer & Stge (SP)
 ZIP CODE 98106
 4001 Arrow Transfer & Storage Co 822-7526
 Spear Oil Co oil delivery 882-1444
 4021 Bearing Sales & Service 882-0331
- 3 ADAMS ST INTERSECTS**
 4001 Arrow Transfer & Storage Co 822-7526
 Spear Oil Co oil delivery 882-1444
 4021 Bearing Sales & Service 882-0331
- 3 ADAMS ST INTERSECTS**
 4150 Amfac Drug Sup (Whse)
3 DAKOTA ST INTERSECTS
 4202 Sterling Tool Co tool sls 823-6891
 4218 Norwest Mfg Corp mach 823-7137
 4226 Old Mill Coffee whol coffee distr & vending
 823-4041
- 3 NEVADA ST INTERSECTS**
3 GENESEE ST INTERSECTS
3 OREGON ST INTERSECTS
 4601 Garrett Freight Lines loc 822-7733
3 SNOQUALMIE ST INTERSECTS
 4601 Alaska Distributors whol liquor 822-7311
 Sun Stores Sales loc whol liquor 822-7311
 Southland Flanaco Co 822-7311
 Whitwade T C Co food brokers
3 ALASKA ST INTERSECTS
 4715 Golden Grain Macaroni Co mfrs 823-2038
 Milsom Macaroni Co mfrs 823-2038
 Ghurardelli Fine Chocolates whol distr
 823-2038
 4716 Wallboston loc 822-1116
- 3 DAWSON ST INTERSECTS**
 5212 Seattle Refrigeration & Manufacturing Co
 loc 782-7740
3 BENNETT ST INTERSECTS
 5316 All Purpose Screen & Awning Co 782-0640
 Krier R J 782-0640
- 3 ORCAS ST INTERSECTS**
3 FINDLAY ST INTERSECTS
 5600 Fletcher Building
 City Rubber Stamp 782-4100
 Primark Marking Systems rubber stamp
 782-3908
 Thompson Marking Service Co 782-2808
 5602 Cramer Seattle Electronics whol 782-6776
 5608 Sterling Electronics 782-2100
 5612 Air Sparco loc airport parts & equip
 782-3720
 5616 Montgomery Brothers mfr rep 782-1408
 5620 Sandwich Shop The restr 782-1750
 5700 Building
 Rooms
 108 Addy's Travel Center loc 782-1288
 108m Xerox (Srv Ofc)
 200 Mutual Of Omaha Insurance Co 782-2808
 208 Talco Systems loc graphic design
 207 Northwest Acceptance Corp finance loc
 782-8810
 208 M & I loc mfr rep 782-0633
 212 Thomas & Betts The Co elec equip whol
 787-7300
 216 Engineering Corp Of America 782-3428
 217 Tauber-Arona Co auctioneers 782-6688
 224 Communication Workers Of America &
 F L C I O international ofc trade
 union 782-1786
 226 Morrison-Kauderer Co loc genl mfrs
 787-4480
 228 Thompson-Van Camp Marketing food
 svy broker 782-2373
 228 Vacant
 230 Xerox (Stge)
 231 Vacant
 5701 Butcher The 782-8467
 Design Center-Northwest 782-1200
 Suites
 100 Rummy Don Associates decorators sup
 782-6602
 110 Hayes Mfg Co (Showrm)
 111 Wallpapers loc 782-7860
 116 Schumacher F & Co 782-8110
 117 Sicular Wall Coverings 782-0750
 120 Siegel Paul James Goldman loc whol
 home furnang 782-2323
 121 Koogle-Bucolia furn whol 782-3000
 122 Showroom One Twenty-Three loc des
 782-5200
 125 Koogle-Bucolia Stge
 126 Brandrud Manufacturing Co loc
 (Showrm) 782-7690
 127 Willey Fred Co tile contrs 782-3141
 128 Vacant
 129 S-F N B Stge
 130 Fox Doug Travel Stge
 131 Vacant
 201 Vacant
 207 Bates Bill Associates mfrs rep (food svy
 equip) 787-6600
 221 Mayer Carpet Co whol carpet 782-8773
 222 Vacant
 222 Allen Grow phys whl 782-9466
 5702 Nelson's Stud Welding equip & supplies
 782-4422
- 3 MEAD ST INTERSECTS**
 5801 Transport Federal Credit Union 782-0222
 5811 Almac-Strom Electronics electronic eqpt
 & sups 783-2200
 5815-33 Almac-Strom Stge
3 FIDALGO ST INTERSECTS
 5900 Kilroy Tube-supply steel & aluminum sup
 782-3406
 5933 Wright J C Sales Co wholesale grocers
 782-1220
 Olson Brokerage Co loc food brokers
 783-6550
 5940 Kierulff Electronics elec components wh
 783-1550
 5960 Benaroya Building
ROOMS
 100 Kierulff Electronics (Stge)
 101 Vacant
 105 Independent Cleaning Service mfr sup
 782-7460
 106 Vacant
 107 Maltberger Hap Co stock broker
 782-5033
 110 American Bureau Of Shipping marine
 surveyors 782-8200
 110 A B S Worldwide Technical Services loc
 marine surveyors 782-8200
 111 Euler Harry M Co 782-5611
 112 Benaroya Jack A Co (Stge)
 115 Nelson Enterprises real est inv 782-4352
 116 Vacant
 117 Moog loc (Controls Div) electro hydraulic
 mechanisms 782-9670
 117 Moog loc (Rad Div) rad machy valve
 782-9670
 200 Benaroya Jack A Co genl contrs 782-4352
 Benaroya Jack A Co (Conference Room)
 205 Arneson Associates loc electronic mfrs
 sls 782-7564
 206 Benaroya Jack A Co Stge
 211 Rubenstein Corp whol rubber prod 782-4352
 218 Tradewell Stores (ofc) 782-2630
 220 United States Computers loc 787-3730
 6000 Birkenwald loc com mfg 782-1200
 Consolidated Service loc mfr agts 782-1200
- 3 FRONT INTERSECTS**
3 MICHIGAN INTERSECTS
 8500 Simonson Orville
 8502 Bayget David
 8504 Diskins Jerry
 8508 Pameco-Aire whol airconditioning suppl
 782-2203
 8508 Diskins John @
 8508 Johnson Ronas
 8518 Seattle Carbonic Co fountain supe sls
 782-1151

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allie Tuning Co mfrs
Chemical Co whol
Supply Co (Wholesale) Services 484-1877
Co 824-3040
P & Storage Co 824-3040
Lensing Inc 824-3040
Lum Co Inc 824-3040
an Postal Workers Union
on Co mfrs agts 822-9043
rest Business Products
Business Bureau 824-4488
272 Pac Traffic Bur (Addl Sp)
233 Little Audrey Transportation Inc 822-7312
204 K Sales Brks & agts 822-5292
204 Sandwa Trading Seattle import 822-5292
205 Washington Alaska Fisheries Co Inc import-export 583-0381
206 Vacant
207 U S Pipe & Foundry Co 824-8883
208 U S Pipe & Fdry (Sub Ofc) 824-8883
209 Kelly Clarke Co Food Serv
210 Duckabac Roof Saver Products 824-4022
210 Miller Carl F & Co Inc ind equip & sup 824-5668
300 Kelley-Clarke Co (Food Brokers)
A L M Plastics Co plastic forms mfr 822-0252
Magnetic Information Systems of sup 822-8146
Norton B W Mfg Co ind whse 882-1225
201 Pacific Traffic Bureau fr 824-4488
302 Kelley-Clarke (Seafood Div) food brokers 822-2581
2453 Stack Steel (Heat Treating Plant) 822-4672
2469 Kelley-Clarke Co food brokers 822-2533
S LANDER ST INTERSECTS
3 LANDER ST INTERSECTS
2702 Canal Boiler Works steel fabrication 822-3030
2704 Beebe Bros (Plant) 824-4606
2715 Coulter Steel & Forge Co mfrs 822-6086
2718 Beebe International Inc (Metal Shop)
2724 Beebe International Inc machy mfrs 824-0466
Beebe Gear Corp gear mfg 824-0468
2727 Amick Metal Fabricators 822-6228
2729 Austin-Mac Inc steel fabricators 824-7066
2732 Northwest Wire Works Inc mfrs 824-4938
2737 Plant Electric Supply Inc whol 824-4083
S FOREST INTERSECTS
2900 Marilley Auto Parts Co whol 882-0292
2901 Langendorf Baking Co Of Seattle Inc whol & mfg 882-2244
2904 Wire Rope Corp Of America 822-2232
Loeche Wire Rope mfrs 822-2230
2908 Brake & Clutch Supply mfrs 822-5665
2922 Bow Wow Auto Parts 882-1707
2926 Twenty Nine Twenty Six 6th Av 3 Bldg SUITES
1 Vacant
2 Vacant
3 Business Mail Service 824-1114
4 Vacant
5 Vacant
6 Cyn Realty 882-6627
7 Vacant
8 Vacant
2930 No Return
2940 Puget Sound Mailing Inc direct mail adv 587-0561
2941 Langendorf Bread Box discount bky
2968 Alaska Copper & Brass (Sub Ofc)
S HANFORD ST INTERSECTS
3200 Alaskan Copper & Brass Co (Stainless Prod Div) 822-5800
3223 Alaskan Copper & Brass Co 822-5800
S HORTON ST INTERSECTS
3300 Transport Equipment Co (Br Ofc) sell & serv trailers 223-5454
Roadway Express Inc freight 587-0104
3301 Alaska Copper (Whse)
3317 Alaskan Copper Wks (Plate Processing Cty)
S HIND ST INTERSECTS
3400 Transport Equipment Co truck bodies 223-5454
Transpack Haulway Systems waste equip haulers 223-5450
3406 Alaska Copper (Fabrication Div)
3406 1/4 Alaska Copper (Stge)
3429 State Trans Dept (Permit & Weight Ofc) 784-0284
3460 Amrac Electric Supply whol 828-9400
S SPOKANE ST INTERSECTS
DIAGONAL AV 3 INTERSECTS
3601 Ackerley Communications Inc outdoor adv 882-0833
Ackerley Airport Advertising 824-8250
3614 Commercial Heat Tractors Inc 822-5042
3623 Building
Thirty-Six Twenty Three Sixth Avenue South Bldg ofc bldg 822-5633
Commercial Warehouse Co Inc whse 822-5633
Owl Transfer & Storage Co Inc 822-1850
Alaska Canada Fisheries Inc fish processing & wks 824-8420
Hazel Russ Sales food brokers 822-7171
Alaska Seattle Fisheries seafood processing 824-8420
Le Duc Phil Enterprises business brokers 822-8918
3800 Provisioners Frozen Express transfer frozen foods 822-1270
Provisioners Brokerage Co Inc trans 822-1270
3820 Venture Test Technology Inc 824-1251
3823 Vacant
3900 Vacant
3918 Vienna Sausage Manufacturing Co distribution center 823-9191
3922 Vacant
S BRADFORD ST INTERSECTS
ZIP CODE 98108
S ANDOVER ST INTERSECTS
4001 Arrow Transfer & Storage Co 822-7328
Spear Oil Co oil delivery 882-1444
4021 Bearing Inc bearing distributors 823-8255
Briming Bearings Inc bearing distr 223-8255
S ADAMS ST INTERSECTS
S ADAMS ST INTERSECTS
4150 Motor Wheel & Parts (Whse)
S DAKOTA ST INTERSECTS
4202 Starting Tool Co 822-8891
Western Hydraulic Corp paint mfrs equip-sup 787-7586
4216 Lemmon Packing Co (Whse)
4222 New Thermo Transfer Inc light ind 823-4677
4228 Overseas Casing Co sausage casing distr 822-8845
S NEVADA ST INTERSECTS
4501 Garner Freight Lines Inc 822-7733
S SNOQUALMIE ST INTERSECTS
4601 Alaska Distributors whol liquor 822-7311
Ship Stores Sales Inc whol liquor 822-7311
Southland Finance Co 822-7311
Whitcomb T C Co food brokers 822-7311
American Discount Corp commercial & consumer loans 822-7311
S ALASKA ST INTERSECTS
4625 U S Postal Service (Supply)
4715 Golden Grain Macaroni Co mfrs 822-2038
Mission Macaroni Co mfrs 822-2038
Ghirardelli Fine Chocolates whol distr 822-2038
4716 Vacant
S DAWSON ST INTERSECTS
5212 S M S Sales Inc serv sta sys 787-5032
S BENNETT ST INTERSECTS
S BRANDON ST INTERSECTS
5412 Hobart Arc Welding Systems wldrs 787-3649
S LUCILLE ST INTERSECTS
5505 Viter Manufacturing Corp refrig-cool & ind 787-0482
5506 Golub Simon & Sons Inc whol jwls 782-4800
Clark L A Co whol jwry supplies 787-7157
European Jewelry Craft whol jwls 787-6644
5507 U S Agrl Dept (Process Prod Veg) 784-3423
U S Agrl Dept (Fresh Fruit & Vegetables) 784-3500
5511 Vacant
5512 Balancing Services Co Inc consultants 783-1260
5513 Hi-Sign Co silk screen proty 782-4284
5517 Custom Marine Industries Inc export & import 787-8941
5518 Andy's Travel Center 783-1256
5519 Wilco Products Inc ind sup & safety equip 782-2120
S FINDLAY ST INTERSECTS
5600 Thompson Supply Inc (eo & air filters 787-4490
Thompson Merchandising & Supply mkt research & analysis 782-2808
5601 Under Contam
5602 Thompson Merchandising (Addl Sp)
5604 Vacant
5606 Videonics Inc tv sys 787-6603
5608 Northwest Cutting Tools ind distr 787-9751
5612 Vacant
5615 Space Led in wall bed sht 782-9327
5623 Sandwich Shop The 783-1750
5700 Building
Rooms
104 Hughes Aircraft Co marine sys 78-7774
110 Winn Galleries art gallery 783-8644
200 Lynden Airfreight Forwarding Inc frt forwarders 433-8030
204 Sunlight Growers Inc fresh fruit prod 782-8950
206 Vacant
208 M & I Inc mfr rep 783-0535
210 Lynden Airfreight (Addl Sp)
214 Dennison Eastman Corp (Sta Ofc) 782-8915
215 Hall Wendell apt 787-8650
218 Emjay Construction eng constn 787-4425
218 Morris Kauden Co eng constn 787-4422
220 Crescent Wharf & Warehouse Co stevedors co 783-8644
225 Transportation International mgmt consultants 783-0830
225 H & S Warehouse & Freight Forwarders 783-2705
5701 Office Building
Design Center Northwest 782-1200
Suites
A Butcher The rest 783-2215
100 No Return
110 Hayes Mfg Co Alum showrm 782-3290
111 Wallpaper Inc 782-1860
118 Schumacher F & Co hse furnishings whol 783-8110
117 Sinclair Wall Coverings 782-0750
120 Goldman James Warren & Associate whol home furnishings 782-2233
121 Norma & Associate Alum whol 782-9000
122 Vacant
125 Manram Fabric Corp whol 787-4068
126 Brundage Cosmopolitan (Show Rm) 787-7680

paper converters 824-0173
S ATLANTIC ST INTERSECTS
1500 Washington Iron Works Inc machy mfrs 823-1292
1506 St Regis Paper Co (Production) 824-0173
1565 Elrod Sid Distributors Inc beer & wine distr 824-4444
S MASSACHUSETTS ST INTERSECTS
1703 Water World whol swimming pools 882-4016
1717 A B F Freight System mtr frt 822-7991
1782 Office Building
ROOMS
Level King Terminals Inc whol meat 823-7668
100 Milwaukee Import Co Inc whol meat 822-1222
101 Maust Transfer Co (Addl Sp)
102 Ramco Transportation trans brokerage 825-0286
104 Maust Transfer Co freight fdy 828-7800
105 Vacant
108 Honolulu Freight Service 822-0865
100 Milwaukee Inc importer 822-1222
110 Container Expenditures Inc containerized frt serv 825-8494
112 Mc Sweeney Steel Company steel sht 583-0783
118 Vacant
119 Vacant
120 Robinson C H Co prod brokers 824-8810
123 Trailer Train Inc
1783 Rim Intermodal frt forwarder 822-9102
Ryder Truck Lines 587-0706
Scott Freight Inc 882-5890
S HOLGATE INTERSECTS
1919 Graybar Electric Co Inc whol elec sup 292-8848
1926 Taylor-Edwards Whse & Transfer Co Inc (Ofc Bldg) 822-2960
Glo-Klen 824-0417
Wright Chemical Corp distr 824-0417
OFFICE BUILDING
ROOMS
101 Biddle Co The caulking mfr 822-6992
101 G & C Co waterproof distr 822-8992
102 Anchor Hooking Corp whol china 292-9428
103 Taylor-Edwards Warehouse & Transfer Co Inc frt trans & agts 822-2960
200 Vacant
202 Vacant
300 Terry-Diemert Co food broker 822-4030
301 Lorillard Co tob whol 823-5638
302 Vacant
303 Lorillard Co (Whse)
304 Terry-Diemert Co (Stge)
305 Vacant
306 Puget Sound Whol Meat Processors Credit Union 821-8463
309 Vacant
400 Fenwick-Pickett Inc food brokers 824-0750
402 Economics Laboratory Inc 783-8606
404 Triangle Transportation & Warehouse Systems Inc 882-2708
405 Still Thos E Co mfr rep 822-1792
1930 Still Thos E Co mfr rep 822-1792
Reid A D Co mfr rep 824-2183
1950 Genco Inc hgt air condition prods sup 882-7591
S WALKER ST INTERSECTS
2200 Halliday Machinery Co Inc distrs 583-0600
2201 All Trans Express trucking 882-5662
Pacific Investment Co 822-8288
Landon Associates Inc newspaper advertising 583-0844
Prime Inc trucking 821-9407
2222 Wharpool Corp (Parts Distr) 824-2248
2225 Stack Steel (Whse No 2)
2230 Rooterstl Restaurant The 822-2290
2233 Wessinghouse Electrical Supply Co whol 292-4141
2236 Wessinghouse (Addl Sp)
2244 Truck Stop gas sta 882-0800
Kuchako Freight Brokers 822-4455
S STACY ST INTERSECTS
2400 System Terminals Building
ROOMS
200 System Transfer & Storage Co 824-0740
201 Sun Country Transportation Inc trucking co 842-5672
202 Wilsey Foods Inc 882-4883
203 Vacant
204 Printing Specialties & Paper Prod Local 280 882-5258
206 Printing Specialties (Addl Sp)
207 Cordano Chemical Co 822-2542
208 Vacant
250 Wilson & Associates N W Inc electrical mfr 292-9756
251 Macro Transit Construction Division
252 Mills Co The constn agt 822-5382
253 Del Company air conditioning equip 824-0671

777

980

960

960

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<p>merica frs 622-2230 ly Inc mfrs 382-1707 Six 6th Av S ts (Addl Sp) sis programs ce 624-1114 Inc direct mail adv 587-0551 2941 Langendorf Bread Box discount bky 682-2204 2958 Alaska Copper & Brass (Emp Ofc) 623-5800 S HANFORD ST INTERSECTS S HANFORD ST INTERSECTS 3200 Alaskan Copper & Brass Co (Stainless Prod Div) 623-5800 3223 Alaskan Copper & Brass Co 623-5800 S HORTON ST INTERSECTS 3300 Tri-L-Transport Inc sell & serv trailers 882-6633 Roadway Express Inc freight 587-0104 3301 Alaska Copper (Whse) 3317 Alaskan Copper Wks (Plate Processing Civ) S HIND ST INTERSECTS 3400 Transport Equipment Co truck bodies 223-5454 Transapack Haulaway Systems waste equip haulers 223-5450 3405 Alaska Copper (Fabrication Div) 3405 1/2 Alaska Copper (Stge) 3429 State Trans Dept (Permit & Weight Ofc) 764-4264 3450 Amfac Electric Supply whol 623-9400 S SPOKANE ST INTERSECTS DIAGONAL AV S INTERSECTS 3601 Ackerley Communications Inc outdoor adv 682-3833 3614 Commercial Heat Treaters Inc 623-3042 3623 Building Thirty-Six Twenty Three Sixth Avenue South Bldg ofc bldg 622-5533 Commercial Warehouse Co Inc whse 622-5533 Owl Transfer & Storage Co Inc 622-1650 Haehl Russ Sales food brokers 622-7171 Great Pacific Seafoods Inc seafood brokers 623-0052 Le Duc Phil Packaging Enterprises business brokers 622-8918 Dubois Chemicals 622-7006 Devoe Marine Coatings (Div Of Grow Group) chem 623-2712 Shafer-Haggart Ltd 223-1494 Canteen Health Care Services 624-6985 Munson Paul F Pacific Closure & Packaging mfr reg 625-0227 3800 Provisioners Frozen Express transfer frozen foods 623-1270 Provisioners Brokerage Co Inc trans 623-1270 3820 Vehicle Test Technology Inc 624-1251 3825 Vacant 3900 Vacant 3918 Vienna Sausage Manufacturing Co distribution cntr 625-9191 3922 Arctic Frost Seafoods Inc seafood proc 682-1188 S BRADFORD ST INTERSECTS ZIP CODE 98108 S ANDOVER ST INTERSECTS 4001 Arrow Transfer & Storage Co 622-7525 Spear Oil Co oil delivery 682-1444 Pacific Rim Natural Foods Inc 624-3555 4021 Bearing Inc 223-5255 Bruning Bearings Inc bearing distr 223-5255 S ADAMS ST INTERSECTS S ADAMS ST INTERSECTS 4150 Motor Wheel & Parts (Whse) S DAKOTA ST INTERSECTS 4202 Sterling Tool Co 622-6891 Western Hydraulic Corp equip mfrs</p>	<p>S NEVADA ST INTERSECTS 4501 Garrett Freight Lines Inc 622-7730 A N R Freight Sys 622-7733 S SNOQUALMIE ST INTERSECTS 4601 Alaska Distributors Co whol liquor 622-7311 Ship Stores Sales Inc whol liquor 622-7311 Southland Finance Co 622-7311 Whiteside T C Co food brokers 622-7311 American Discount Corp commercial & consumer loans 622-7311 S ALASKA ST INTERSECTS 4625 U S Postal Service (Supply) 4715 Golden Grain Macaroni Co mfrs 623-2038 Mission Macaroni Co mfrs 623-2038 Ghirardelli Fine Chocolates whol distr 623-2038 4716 Vacant S DAWSON ST INTERSECTS 5212 S M E Sales Inc serv sta sys 767-5032 S BENNETT ST INTERSECTS S BRANDON ST INTERSECTS 3412 Associated Meats & Seafoods Inc whol meat & seafood distr 763-4283 Crown Pacific Brokers 763-2324 Quality Imports 763-3307 S LUCILLE ST INTERSECTS 5501 Duncan And Associates candy broker 762-5550 5505 Vilter Manufacturing Corp refrig- coml & indl 767-0482 5506 Golub Simon & Sons Inc whol jwlr 762-4300 Omichron Corp whol jwlr supplies 762-4800 European Jewelry Craft whol jwlr 767-6644 5507 U S Agri Dept (Process Prod Insp) 764-3423 U S Agri Dept (Fresh Fruit & Vegetables Insp) 764-3500 5511 Uniform Store The uniform mfrs 763-4235 5512 Balancing Service Co Inc consultants 763-1260 5513 Signsmith silk screen prntg 762-4264 5517 Custom Marine Industries Inc export & import 767-6941 Australia Unlimited 762-5650 5518 Andy's Travel Center Co travel agcy 763-1255 5519 Wilco Products Inc ind sup & safety equip 762-2120 S FINDLAY ST INTERSECTS 5600 Thompson Supply Inc fan & air filters 767-4490 Thompson Merchandising & Supply mkt research & analysis 762-3806 5601 Benaroya J A Co genl bldg contrs 762-4750 Lunstead Harry Designs (Showroom) 762-4112 Marble Art Of America 762-6305 Smiths Designer Floor Coverings 767-9545 Studio A By C D C 762-1515 5602 Thompson Merchandising (Addl Sp) 5604 Amsco Corp exporters 763-1666 5606 Videosonics Inc tv sys 767-6603 5608 Northwest Cutting Tools ind distr 767-9751 5612 Vacant 5616 Space Ltd in wall bed sis 762-9327 5620 Sandwich Shop The 763-1750 5700 Building Rooms 110 Winn Galleries art gallery) 763-9544 200 Sunkist Growers Inc fresh citrus 767-8960 Norman & Loreen Attorneys At Law 206 Coinet Trailer Corp mfg trailers 762-6454 208 M & I Inc mfr reg 763-0535 210 Hall Wendell epa 767-9550 214 Dennison Eastman Corp (Sls Ofc) 762-8915 216 Specialty Frozen Products Inc frozen foods 762-1242 216 Haagen-Dazs Distr Wash & Alaska ice cream distr 762-1242 218 Emkay Construction constn engs 767-4425 220 Buyers & Shippers Enterprises Inc spevedore co 762-2980 5701 Office Building Design Center Northwest 762-1200 Suites A Butcher The restr 763-2215 100 No Return 110 Hayes Mfg Co furn showrm 762-3290</p>	<p>121 Roberts Charles Co wholesale carpet 767-5054 122 Heald Associates furniture accessories carpets 762-6672 125 Maharam Fabric Corp whol 767-4068 127 Willey Fred Co The (Showrm) 763-8141 130 Roberts Charles Associates mfrs rep 767-5054 132 Vacant 134 Caro And Upright whol fabrics 762-2217 137 Decorators Walk sups mfrs 767-4450 Atrium The restr 200 Winn Showroom The whol art & custom framing 763-9544 201 J & L Inc furn-whol 763-8595 207 Butcher The (Catering Dept) 763-0111 209 Butcher The (Ofc) 763-2215 213 Vacant 218 Bellows Howard Inc furn whol 763-0422 219 Vacant 220 Pacific Condi Focus Co (Addl Sp) 767-5900 221 Rubenstein's contract carpets 762-5610 222 Pacific Condi Focus Co furn whol 767-5900 223 Landsberg & Assoc tile kitchns & bath acces-whol 767-9132 227 Hammer Of California whol furn 763-2505 228 Folks Michl Showroom lighting fixtures whol 762-6776 230 Kneeder-Fauchere whol furn 763-1990 233 Vacant 235 Cal-Pacific (Addl Space) 763-2122 239 Designers Choice whol furn 763-4440 240 Kinney Bros Of California Walkcoverings whol wallpaper distr 767-3240 245 Contract Carpets III distr 767-7334 247 Design-Tex Fabrics whol fabric 767-4845 250 Cal-Pacific whol furn 763-8600 254 Vacant 5702 Boeing Employees Credit Union (Branch Office) 653-2531 S MEAD ST INTERSECTS 5801 Vacant 5811 Flucon Industrial Products 762-2711 5821 Vacant 5831 Vacant S FIDALGO ST INTERSECTS 5930 Rosellini Suite (wyr) 763-7110 Unitor Ships Service Inc 762-3455 Western Marine Supply Co 762-3282 5933 Wright J C Sales Co wholesale grocers 763-1220 Napoleon Co The food brkrs & importers 762-3778 115 Invention Marketing Inc 763-9385 5950 Benaroya Building 762-4750 ROOMS 100 Mc Cabe-Damon Co-Inc food brokers 767-6250 101 S J I Corp electronic equip 763-3981 103 Moore D J Inc mfrs rep-ind equip 762-7344 104 Sellers Co The manufacturers rep firm 762-3907 105 Rubatax Corp rubber prod-whol 762-3400 106 Vacant 107 Vacant 110 American Bureau Of Shipping marine surveyors 762-6200 110 A B S Worldwide Technical Services Inc marine surveyors 762-6200 111 General Tool And Supply Co tool supply 762-1500 112 Benaroya Jack A Co (Prnt Dept) 762-4756 113 Vacant 115 T R T Telecommunications telecom 762-9414 120 Kelley's Answering Service 762-6662 200 U S World Trade Corp 762-0983 202 Benaroya Jack & Co (Conference Rm) 211 Benaroya Jack & Co (Conference Rm) 213 Vacant 219 Seattle Pacific Engineering Corp consultants 762-8380 220 Schaeffer Associates computer sis 767-3515 5964 Jorgensen Steel (Whse Div) 762-1100</p>
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S LUCILLE ST INTERSECTS
 5501 Safety Team Inc The safety devices & equip 762-1450
 5503 Xerox (Service Dept) 762-8401
 5506 Golub Simon & Sons Inc whol jwlrs 762-4800
 Omichron Corp whol jwlry supplies 762-4800
 5507 Artec Inc indus controls 762-7574
 5511 M E I Inc 762-0535
 5512 Balancing Service Co Inc consultants 762-1260
 5513 Schmidt Don B Co Inc whol distr 762-3213
 5517 Greater Seattle Floors genl contr floors 762-7004
 5518 Uniglobe Gateway Travel travel agcy 762-1255
 5519 Wilco Products Inc ind sup & safety equip 762-2120
S FINDLAY ST INTERSECTS
 5600 Mc Kay Electronics electronics design 762-9160
 5601 Design Center 2 level 1 (gar parking) Design Center 2 (plaza level) 6th Fl Trammell Crow Co real est dev & mgmt 762-4750
 256 Hays Ralph & Assoc whol furn 762-3883
 258 Cal Mode Furniture whol furn 762-5506
 282 Goldman James & Assoc whol 762-2923
 287 Larsen Jack Lenor Inc fabrics-furn showrm 767-5360
 270 Baker Knapp & Tubbs fabric & furn showrm 762-3299
 280 Pender & Pender Inc whol fabric showrm 767-2492
 282 Robert Allen Fabrics whol fabric 762-0100
 285 Vacant
 287 Boris Kroll Fabrics 762-6066
 290 Charisma Wicker & Co whol home acc showrm 767-6969
 3 Design Center Two
 300 Sample Showroom
 310 Designer Lounge
 322 Rubinstein Contract Carpet coml fl covering 762-5610
 325 Luxus Inc whol kitchen & bath 762-5355
 327 Latitudes-Engberg Assoc whol carpet 762-8011
 342 Kinney Wallcoverings & Fabrics Inc whol fabric & wall covering 767-0240
 344 Elite whse furnishings 762-3010
 345 Dave Rosen & Assoc furn 762-4532
 348 Vacant
 356 Collins & Draheim Inc whol coml & home furnishings 762-4100
 360 Vacant
 364 Vacant
 368 Scott Gordon Co Inc whol furn 762-2444
 4 Design Center Two
 407 Vacant
 409 Artmet whol furn 762-9457
 410 Sterling Contract Flooring 762-2883
 418 Kimball Artic Corp whol furn 762-1320
 425 Watson Furniture Systems furn whol 842-6601
 427 Sommers A Textiles 762-4044
 428 Brandrud Harmon Furniture Inc whol 767-7680
 404 Haworth Inc whol furnishings 767-7667
 440 Design & Architectural Products 762-4242
 442 E R G International furn whol 762-0243
 444 Vaughan R P & Assoc mfg rep 762-0200
 445 Bowden & Assoc whol ofc furn 762-0200

980

5606 Manor Sales Co Of Oregon hsewars sls 762-1751
 5608 Northwest Cutting Tools indus slps & equip 767-9751
 5612 Minuteman Press prnter 762-2077
 5616 Space Ltd in wall bed sls 762-9327
 5620 Sandwich Shop The 762-1750
 5700 Building Rooms
 110 Winn Galleries art gallery 762-9544
 204 Sunkist Growers Inc fresh citrus 767-8960
 201 Norman & Loreen Attorneys At Law law ofc 767-3210
 206 Comet Corp mfg trailers 762-6454
 208 Dennison Manufacturing Company mtrs reps 762-8915
 210 Hall Wendell cpa 767-9550
 212 Europa Furniture Of America Inc 762-6486
 214 Trans Continental Freight Bureau (non profit org) 767-7323
 215 Howard Lighting Sales Inc coml lighthg 762-2573
 216 Specialty Frozen Products Inc frozen foods 762-1242
 216 Haagen-Dazs Distr Wash & Alaska ice cream distr 762-1242
 218 Vacant
 220 Vacant
 224 Shafer Haggart Ltd fish brokers 762-3911
 1 Design Center One
 5701 Design Center One bldg Suites
 A Butcher The restr 762-2215
 100 Stroheim & Romann Inc whol textiles 762-1011
 110 Hayes Mfg Co furn showrm 762-3290
 111 Vacant
 116 Schumacher F & Co hse furnishings-whol 762-8110
 117 Vacant
 120 Glacier Showroom whol furn & fabric 762-2120
 121 Corona Decor Co whol hm furnishings 762-9014
 122 Heald Associates furniture accessories carpets 762-6672
 125 Vacant
 127 Willey Fred Co Inc The 762-8141
 130 Custom-Bilt Products whol window coverings 762-2012
 132 Judkins Co whol furn 767-4546
 134 Care And Upright whol fabrics 762-2217
 137 Decorators Walk slps mtrs 767-4450
 200 Winn Showroom The whol art & custom framing 762-9544
 201 J & L Inc A Designers Showplace furn-whol 762-8595
 204 Leflar Limited whse furnshgs showrm 762-5315
 207 Butcher The (Catering Dept) 762-0111
 209 Butcher The (Ofc) 762-2215
 213 Design Center 1 (Conf Rm) 218 Vacant
 219 Vacant
 220 Pacific Condi Focus Co (Addl Sp)
 221 J B Factory Carpets whol 762-9233
 222 Pacific Condi Focus Co furn whol 767-5900
 223 Seattle Lighting Design Group 762-4472
 227 Cohn Jerry & Co mfg rep 762-9500
 228 Vacant
 220 Martin Wayne Inc (Addl Sp)
 233 Vacant
 235 Designers Choice (Addl Sp)
 238 Wayne Martin Inc whol furn whol 762-1990
 239 Designers Choice whol furn 762-4440
 240 Northwest Society Of Int Dec 762-9799
 245 R S G And Assoc Inc mfg rep 762-1980
 247 Design-Tex Fabrics whol fabric 767-4845
 250 Vacant
 254 Folks Michael Showrm 762-6776
 5702 Vacant
S MEAD ST INTERSECTS
 5801 Vacant
 5811 Vacant
 5821 Vacant
 5831 Vacant
S FIDALGO ST INTERSECTS
 5920 Rosellini Suite lwyrs 762-7110
 Unitor Ships Service Inc 762-4455
 Westmar Services Inc 762-7398
 Sam Westmar I C Sales Co wholesaler

Movement 767-5510
 100 American Bureau Of Shipping marine surveyors 762-6200
 110 A U S Worldwide Technical Services Inc marine surveyors 762-6200
 111 Vacant
 112 Vacant
 113 Sea Rank International frt forwarding 762-6115
 115 T R T Telecommunications 762-9414
 118 ComJack Inc landscaping mnce serv 762-6722
 200 Vacant
 201 Carper Barbara cpa 767-5409
 201 Bits And Words 767-5403
 201 Brovold Jeanne D cpa 767-5403
 201 Wenning E Linda cpa 767-5403
 204 J L A Distributors Inc dairy whol 767-2777
 205 Husky Construction Company genl contr
 213 Vacant
 216 Hazon Inc 762-7264
 220 Korea Shipbuilding & Engineering Corp 767-5500
 5964 Jorgensen Steel (Whse Div) 762-1100
 6000 Sideland Co Inc beer & wine distr 762-3003
 Consolidated Service Inc mfr agts 762-1760
 6001 A S A Publications printers 762-0277
 6003 Emerald Food Equip Inc butcher equip whol & ret 762-4156
 Globe Slicing Machine Distributing Co butcher equip whol & ret
 6007 Anica (Whse Sp)
 6009 A S Auto Mechanic Inc auto wheel distr 762-1250
 6013 Macwhyte Wire Rope Co whol mtrs 762-2411
 6015 Winn Corp The (Press Dept) 762-3507
 6017 Winn Corp The (Fin Dept) S FRONT ST INTERSECTS
 6020 Juhl Pacific Corp picture frames 767-0622
 6100 Savin Of Washington 292-8110
 6101 Sixty One Hundred Bldg (Parking Lot)
 6108 Brooks Equipment Co Inc fire equip 762-7405
 6109 Schmidt Katie R Mrs @ 762-1851
 6114 Savin Of Wa (Tech Training)
 6118 Cummins-Allison Corp ofc & banking equip 762-3900
 6122 Iris Window Coverings N W Inc 762-1095
 6128 Bever Bolt Inc distr 762-6220
 6132 Kimbele Sales Inc mfg rep 762-8409
 6133 Vacant
 6134 Vacant
 6136 Hydra-Tech Inc well slps whol 767-8114
 6138 Vacant
 6140 Pacord electronic serv 767-5194
 6150 Westinghouse Electric Corp (Elevator Div Slis Ofc) 292-4096
S MICHIGAN ST INTERSECTS
S GRAHAM ST INTERSECTS
 6316 Woks Deli restr 762-5030
 6318 Sudden Printing book & coml 762-1177
 6320 Vacant
 6322 Vacant
 6324 Hadi's Restaurant 762-0469
 6325 Clonay Window Fashions whol 762-6606
 6332 Emerald Tool Inc sls woodworking equip 767-5670
 6345 Mill Log Equipment Co Inc sls serv marine trans 762-2022
 6346 G E M Photo Distributors import photo equip 767-5600
 6348 No Return
 6350 Vacant
 6351 Vacant
 6353 Elliott Bay Laby Services Inc laby equip sls & serv 767-0537
 6355 Wood In Designs Inc Options contract interior sup 762-1054
 6359 P P G Ink Products 762-8110
 6362 Transportation Credit Union No 1 762-8154
 6363 Med Pacific Inc med instrument mfg 762-9177
S RIVER INTERSECTS
 6701 Viiox Corp radiation shielding glass mtrs 762-2170
 6701 Viiox Corp radiation shielding glass mtrs 762-2170
 6701 Viiox Corp radiation shielding glass mtrs 762-2170

3112 No Return
 3113 Manassas
 3123 Vacant
 3124 Liens Blvd
 3125 Nelson D
 3130 Takeoka R
 3135 No Return
 3136 Under Con
 3141 Takemura
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 3159 Ziegler
 3401 Pelletier R
 3402 Mc Kay Sr
 3407 Under Con
 3408 Dwyer Jon
 3414 Sexton Dr
 3415 James Son
 3420 Merklembu
 3421 Sutton Th
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 3432 Mitchell R
 3433 Barron Ro
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 3444 Crane Gar
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SW CAMBRID
 9402 Jansen Fr
 9403 Starr P 76
 9408 Sigmon H
 9409 Hand Cha
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 9419 Jewell
 9420 Weber Bra
 9427 Tram Loc
 9428 Carey Rob
 9442 Washaba
 9450 Faulkner J
 9454 Jackson C
SW ROCKBURY
6TH AV W - I W NORTH
ZIP CODE 98
 534 Hoppler W
W MEAD ST
W ROY ST I
 700 Kinnear Pa
W PROSPECT
 1106 Collins Jo
 Lamping
 1121 Shin Dons
W HIGHLAND
 1215 Dees Root
 1216 Brown Ja
 1217 Glaziere Y
 1218 Prentiss J
W COMSTOC
 1314 Graves R
W LEE ST I
 1407 Johnson F
 1411 Brussow J
 1415 Brothertor
 1419 Vacant
W GALER ST
 1502 Jennings
 1502 1/2 Benjami
 1511 Chiles J
 1513 Tappan J
 1514 Whippo S
 Upper Jol
 1514 1/2 Sutherland
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 206 Vaca
 1516 Ingle Geo
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 304 Kott
 306 Mura
 1522 Seattle G
 Magrillo
 1525 Jack Dun
 1528 Yenter W
 1528 Vacant
 1529 Seattle R



5507 Arctic Inc indus controls 782-7574
 5511 M & L Inc indus sups & equip 753-0635
 North Pacific Engineering engs-nuclear 787-3920
 5512 Balancing Service Co Inc consultants 783-1250
 5513 Schmidt Don B Co Inc locksmiths 783-3213
 Greater Seattle Floors genl contr floors 783-7004
 Uniglobe Gateway Travel travel agcy 783-1255
 5519 Wilco Products Inc ind sup & safety equip 782-2120
 S FINDLAY ST INTERSECTS
 5600 Mc Kaig Electronics electronics design 783-9150
 5601 Design Center 2 level 1 (gar parking) Design Center 2 (plaza level) 6th Fl Trammell Crow Co real est dev & mgmt 782-4750
 208 Larsen Jack Lenor Inc furn-ret 787-5360
 256 Hays Ralph & Assoc whol furn 783-8668
 258 Cai Mode Furniture whol furn 782-5576
 262 Goldman James & Assoc whol 782-2323
 267 Vacant
 270 Baker Knapp & Tubbs fabric & furn showrm 783-3399
 280 Pindler & Pindler Inc whol fabric showrm 787-2492
 282 Robert Allen Fabrics whol fabric 783-0100
 285 Vacant
 287 Borns Kroil Fabrics 782-6066
 290 Charisma Tree & Floral Co whol home acc showrm 787-6969
 3 Design Center Two
 300 Sample Showroom
 310 Facility Showcase furn whol 784-7004
 322 Rubinstein Contract Carpet coml fl covering 782-5610
 322 Rug Source The carpets rugs fl coverings-ret 782-5610
 325 Luxus Inc whol kitchen & bath 782-5353
 327 Latitudes-Engberg Assoc whol carpet 783-8011
 342 Vacant
 344 Vacant
 345 Rosen Dave & Assoc furn 782-4532
 348 No Return
 356 Collins & Draheim Inc whol coml & home furnishings 783-4100
 360 Vacant
 362 Imports Italia furn-whol 787-0254
 364 Vacant
 368 Scott Gordon Co Inc whol furn 782-2444
 4 Design Center Two
 407 Tucker Bud & Associates furn whol 782-5959
 409 Jaycox Joe & Assoc furn 787-9128
 410 Sterling Contract Flooring 782-3883
 418 Kimball Arctic Corp whol furn 783-1330
 425 Watson Furniture Systems whol 842-6601
 427 Sommers A Textiles 783-4044
 428 Brandrud Harmon Furniture Inc whol 787-7680
 424 Haworth Inc whol furnishings 787-7667
 440 Design & Architectural Products 782-4242
 442 Vacant
 444 Vaughan R P & Assoc mfg rep 782-3200
 445 Bowden & Assoc whol ofc furn 783-1736
 454 Steelcase Stow & Davis mfg rep 782-9292
 461 Danwood & Andrews mfg rep 783-3406
 464 Lunstead Harry Designs Inc mfrs rep 782-6112
 468 Manufacturers Representative Group 783-4030
 5 Design Center Two
 502 Vacant (Ste 502-527)
 529 Lightoller Inc whol lighting 787-5701
 529 Vacant (Ste 529-668)
 5602 Vacant
 5604 Manner Sls Of Or (Addl Sp)
 5608 Manner Sales Co Of Oregon hwealms sls 783-3751

206 Comet Corp mfg trailers 782-7000
 208 Komercia International importers 787-6404
 210 Hall Wendell cpa 787-9650
 212 Europa Furniture Of America Inc 782-5486
 214 Vacant
 215 Howard Lighting Sales Inc coml lighting 783-2573
 216 Vacant
 216 Vacant
 218 Vacant
 220 Gam Pac Express Inc forwarding agts 783-3125
 224 Shafer Haggart Ltd fish brokers 782-3911
 1 Design Center One
 5701 Design Center One bldg Suites
 A Butcher The restr 783-2215
 100 Stroheim & Roman Inc whol textiles 783-1011
 110 Hayes Mfg Co furn showrm 782-3290
 111 Vacant
 116 Schumacher F & Co hse furnishings-whol 783-8110
 117 Flair Continental furn retail 787-0160
 120 Glacier Showroom whol furn & fabric 783-2120
 121 Full Moon Over India furn retail 783-5041
 122 Heald Associates furniture accessories carpets 782-6672
 125 Vacant
 127 Willey Fred Co Inc The 783-8141
 130 Custom-Bilt Products window shade dirs 782-2012
 132 Vacant
 134 Cam And Upright whol fabrics 782-2217
 137 Decorators Walk sups mfrs 787-4450
 200 Winn Showroom The whol art & custom framing 782-2313
 201 J & L Inc A Designers Showplace furn-whol 783-8595
 Design Furnishings furn whol 787-7770
 210 Leflar Limited whse furnshgs showrm 782-5315
 207 Bucher The (Catering Dept) 783-0111
 209 Bucher The (Ofc) 783-2215
 213 Design Center 1 (Conf Rm)
 218 Vacant
 219 Vacant
 220 Vacant
 221 Boukalis & Co whol 783-9233
 222 Vacant
 223 Seattle Lighting Design Group 782-4472
 227 Vacant
 228 Swigart William & Associates furn-whol 782-5721
 230 Vacant
 233 Vacant
 235 Vacant
 238 Martin Wayne Inc whol furn whol 783-1990
 239 Designers Choice whol furn 783-4440
 240 Vacant
 245 Vacant
 247 Design-Tex Fabrics whol fabric 787-4845
 250 Unphied Gallery The fabric shops 782-9370
 254 Folks Michael Showrm 782-6776
 5702 Vacant
 S MEAD ST INTERSECTS
 5801 Vacant
 5811 Industrial Technologies 784-7177
 5815 Northwest Cuttings Tools indus sups 787-9751
 5833 T K L Productions Inc custom acrylic fabrications 783-8337
 S FIDALGO ST INTERSECTS
 5930 Rosellini Suite 1wyrs 782-7110
 Westmar Services Inc shp chandlers 782-7398
 5933 Vacant
 Boeing Co (Stge)
 5950 Trammell Crow Building
 ROOMS
 100 Pacific Lighting Systems Inc mfrs rep 782-6900
 101 Dennison Industrial Co label mfrs 782-8915
 103 Moore D J Inc mfrs rep-ind equip 782-7344
 104 Exinco Systems computer sys & equip 823-1679
 105 Vacant
 107 Washington Adoption Rights Movement 787-9510
 110 American Bureau Of Shipping marine surveyors 782-6200

204 J L A Distribute whol 787-2777
 205 Vacant
 206 Vacant
 211 Worldwide Freight brokers custom
 212 Union Internati surveyors 782-89
 213 Vacant
 216 Vacant
 220 Korea Shipbuildi Engineering Corp
 218 Event Rental Co cellular phone sl
 5964 Jorgensen Steel (Wha 782-1100
 6000 Sideland Co Inc beer 783-3333
 6001 A S A Publications p
 6003 Emerald Food Equip Inc butcher equip whol & ret 783-4156
 Globe Slicing Machine Distributing Co butcher equip whol & ret 783-9246
 6007 Anica (Whse Sp)
 6009 A S Auto Mechanic Inc auto wheel distr 782-1250
 6013 Macwhythe Wire Rope Co whol mfrs 783-2411
 6015 Winn Corp The (Press Dept) 782-3507
 6017 Winn Corp The (Fin Dept) 782-3507
 S FRONT ST INTERSECTS
 6020 Junl Pacific Corp picture frames 787-0622
 6100 Savin Of Washington 382-8110
 6161 Sixty One Hundred Bldg (Parking Lot)
 6108 Vacant
 6109 Schmidt Katie R Mrs @ 783-1851
 6110 Oregon Tile & Marble fl tile sis 782-1358
 6114 Savin Of Wa (Tech Training) Adcom Express express co 782-2444
 6118 Cummins-Allison Corp ofc & banking equip 783-3990
 6122 Ins Window Coverings N W Inc 782-1095
 6128 Signsmith signs & card writers 782-4254
 6132 Kimbele Sales Inc mfg rep 782-8439
 6133 Corona Decor Co sis decorative accessories 783-1600
 6134 Automation Research Technology Inc research 782-3478
 6136 Vacant
 6138 Vacant
 6140 Pacord electronic serv 787-5194
 6150 Vacant
 S MICHIGAN ST INTERSECTS
 S GRAHAM ST INTERSECTS
 6316 Woks Dell restr 782-5030
 6318 Sudden Printing book & coml 782-1177
 6320 Splatworks wildlife sup sis 783-7529
 6322 Dine A-Glow Northwest Inc disposable table & lamp sis 783-1355
 6324 Hadi's Restaurant 782-3469
 6325 Clopay Window Fashions whol 782-6606
 6332 Emerald Tool Inc sis woodworking equip 787-5670
 6345 Mill Log Equipment Co Inc sis serv marine trans 782-2022
 6346 G E M Photo Distributors import photo equip 787-5600
 6348 Vacant
 6350 Vacant
 6351 Vacant
 6353 Vacant
 6355 Wood In Designs Inc Options contract interior sup 783-1054
 6359 P P G Ink Products 782-8110
 6362 Transportation Credit Union No 1 782-8154
 6363 Med Pacific Inc med instrument mfg 783-9177
 S RIVER INTERSECTS
 6701 Viiox Corp radiation shielding glass mfrs 783-2170

1989-1990
 Polk City
 Directory

8444 Crane Gary B @ 783-9949
 8450 Coffee Bruce 782-6955
 8456 No Return
 SW CAMBRIDGE ST INTERSECTS
 9402 Jansen Patricia J Mrs @ 787-3628
 9403 Starr P 787-5284
 9408 Sigmon Herbert @
 9409 Hand Charles R @ 787-3498
 9414 Stephens Dorothy L Mrs @ 782-3245
 9419 Jewell K
 9420 Koeppel Fred 787-0596
 9427 Tram Loc Van @ 787-5394
 9428 Carey Roland N @ 782-3049
 9442 Washabaugh Albert P @ 782-3955
 9450 Faulkner Robt A @ 782-0293
 9454 Jackson Chas
 SW ROXBURY ST INTERSECTS
 6TH AV W -FROM 500 ELLIOTT A W NORTH
 ZIP CODE 98119
 524 Hoppler Wes 285-6794
 W MERCER PL INTERSECTS
 W ROY ST INTERSECTS
 700 Kinnear Park
 W PROSPECT ST INTERSECTS
 1106 Collins Joann L @ 284-797
 Lamping John R 283-5601
 1121 No Return
 W HIGHLAND DR INTERSECTS
 1216 Dees Robt L @ 283-1064
 1216 Brown James 284-0306
 1217 Glaziere Marsha @
 1218 Prentiss J T @ 283-8676
 W COMSTOCK ST INTERSECTS
 1314 Graves Robt H
 W LEE ST INTERSECTS
 1407 Johnson Phillip G @ 285-4517
 1411 Brussov Ann E Mrs 284-7548
 1415 Brotherton Naoma M 282-2108
 1419 Erion Robt C Jr 286-6663
 W GALER ST INTERSECTS
 1502 Ryan Mary @
 15024 Vacant
 1511 Wetzel Frank R 285-1455
 1513 Tappan Joseph R 284-7869
 1514 Whipco Scott D 285-3116
 Upper Johnson D 283-6790
 1514 Sutherland Alan W 284-7223
 1515 Paseo Apartments
 101 Folley F
 105 Daniels Richard R 282-6646
 201 Whang Chongman 284-7554
 203 Gillis Louise E Mrs 285-2905
 205 Ciski Irving E 283-3569
 201 Westling Deibert S Rev 282
 303 Kastner Stephen 283-7506
 305 Dickter R
 306 Vacant
 1516 No Return
 1517 Paseo Apartments
 102 Sandquist James 284-0124
 105 Newman P J
 202 Mc Grew Gerald E 285-7496
 204 Egan E P Mrs 284-4695
 206 Ali Pat
 302 Whyte M
 304 Johnson
 306 Moran John L 282-7858
 1522 Magrillo Wm J @ 285-
 1525 No Return
 1528 Vacant
 15284 Vacant
 1529 Mc Intosh Jos A @ 285-8259
 1531 Patterson Harry A @ 283-3630
 1532 Yenter Patricia @ 284-6211
 W GARFIELD ST INTERSECTS
 1600 Schneideman Jerry 282-8633
 1606 White Robt M @ 284-2073
 1607 Knepper Mary E Mrs @ 282-302

6TH AV SW -FROM 1 NORTH OF SW OTHELLO SOUTH 1 EAST OF 7TH AV SW
 ZIP CODE 98106
 SW OTHELLO ST INTERSECTS
 7301 Johnson Rick 787-0458
 7305 Vacant
 7310 Dizotell K S @ 782-8553
 7324 Hanson Kris B @
 7330 Thornton Lawrence B @ 787-4461
 SW AUSTIN ST INTERSECTS

Table with multiple columns containing business names, addresses, phone numbers, and zip codes. Includes sections for 'BUSINESSES IN HOUSEHOLDS 229', 'S 6TH AVE (S)', and 'ZIP CODE 98117'. Lists various businesses such as 'Advanced Sign Design', 'Cascade Medical Equipment Co', 'Model Electronics Inc', etc.

1996

ZIP CODE



APPENDIX 1A
ATTACHMENT A
EDR REPORT
SEPTEMBER 2003



The EDR Radius Map with GeoCheck[®]

734 Lucille Street
734 Lucille Street
Seattle, WA 98108

Inquiry Number: 01048129.1r

September 16, 2003

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

3530 Post Road
Southport, Connecticut 06890

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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

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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 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

734 LUCILLE STREET
SEATTLE, WA 98108

COORDINATES

Latitude (North): 47.554100 - 47° 33' 14.8"
Longitude (West): 122.323000 - 122° 19' 22.8"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 550936.2
UTM Y (Meters): 5266745.5
Elevation: 18 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2447122-E3 SEATTLE SOUTH, 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 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
BURLINGTON ENVIRONMENTAL INC GEORGETOWN 734 S LUCILE ST SEATTLE, WA 98108	PADS FINDS RCRIS-LQG RCRIS-TSD RAATS CORRACTS CERC-NFRAP	WAD000812909
734 SOUTH LUCILE 734 SOUTH LUCILE SEATTLE, WA	SPILLS	N/A
BURLINGTON ENVIRONMENTAL INC. 734 S. LUCILE ST. SEATTLE, WA 98108	TRIS	98108BRLNG73
BURLINGTON ENVIRONMENTAL INC GEORGE 734 S LUCILE ST SEATTLE, WA 98108	CSCSL	N/A
BURLINGTON ENVIRONMENTAL INC - GEORGETOW 734 S LUCILLE ST SEATTLE, WA 98108	FTTS	N/A
BURLINGTON ENVIRONMENTAL INC SEATTLE 734 S LUCILE SEATTLE, WA 98108	FTTS	N/A

EXECUTIVE SUMMARY

CHEMICAL PROCESSORS INC 734 S LUCILE ST SEATTLE, WA 98108	UST	N/A
PHILIP SERVICES CORP SEATTLE 734 S LUCILLE ST SEATTLE, WA 98108	FTTS	N/A
PHILIP SERVICES CORP SEATTLE 734 S LUCILE ST SEATTLE, WA 98108	FTTS	N/A
PHILIP ENVIRONMENTAL SEATTLE 734 S LUCILE ST SEATTLE, WA 98108	FTTS	N/A
BURLINGTON ENVIRONMENTAL SVCS GEORGETOWN 734 S LUCILE ST SEATTLE, WA 98108	FTTS	N/A
PHILIP SERVICES CORP SEATTLE 734 SOUTH LUCILE SEATTLE, WA 98108	FTTS	N/A
DISCOVERED AT 734 SOUTH LUCILLE DISCOVERED AT 734 SOUTH LUCILLE SEATTLE, WA 0	ERNS	N/A

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 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
 Proposed NPL..... Proposed National Priority List Sites
 CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System

STATE ASTM STANDARD

HSL..... Hazardous Sites List
 SWF/LF..... Solid Waste Facility Database
 INDIAN UST..... Underground Storage Tanks on Indian Land

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees

EXECUTIVE SUMMARY

ROD..... Records Of Decision
Delisted NPL..... National Priority List Deletions
MINES..... Mines Master Index File
NPL Liens..... Federal Superfund Liens
DOD..... Department of Defense Sites

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 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. 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.

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.

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

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 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 06/11/2003 has revealed that there are 8 CERC-NFRAP 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>
<i>KELLY MOORE PRESERVATIVE PAINT</i>	<i>5410 AIRPORT WAY S</i>	<i>0 - 1/8 ESE</i>	<i>B15</i>	<i>29</i>
<i>PIONEER ENAMEL MANUFACTURE</i>	<i>5531 AIRPORT WAY S</i>	<i>1/8 - 1/4 SE</i>	<i>D23</i>	<i>42</i>
<i>NORTH COAST CHEMICAL CO. INC.</i>	<i>6300 17TH AVE. S.</i>	<i>1/2 - 1 SE</i>	<i>BN547</i>	<i>305</i>
<i>USAF ANG SEATTLE STATION</i>	<i>6736 ELLIS AVENUE S</i>	<i>1/2 - 1 SSE</i>	<i>C1657</i>	<i>375</i>
<i>FLINT INK CORP SEATTLE</i>	<i>655 S ANDOVER ST</i>	<i>1/2 - 1 N</i>	<i>DE751</i>	<i>442</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>EMERALD TOOL INC</i>	<i>6332 6TH S</i>	<i>1/2 - 1 SSW</i>	<i>AR219</i>	<i>169</i>
<i>ARROW TRANSPORTATION</i>	<i>6737 CORSON AVE S</i>	<i>1/2 - 1 S</i>	<i>CA621</i>	<i>350</i>
<i>GREAT WESTERN CHEMICAL CO SEAT</i>	<i>6900 FOX AVE S</i>	<i>1/2 - 1 SSW</i>	<i>DA735</i>	<i>424</i>

EXECUTIVE SUMMARY

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/31/2003 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GENERAL ELECTRIC AVIATION DIV	220 S DAWSON ST	1/4 - 1/2 WNW X117		93
GREAT WESTERN CHEMICAL CO SEAT	6900 FOX AVE S	1/2 - 1 SSW DA735		424

RCRIS: 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). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRIS-LQG list, as provided by EDR, and dated 07/11/2003 has revealed that there are 8 RCRIS-LQG 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>
KELLY MOORE PRESERVATIVE PAINT	5410 AIRPORT WAY S	0 - 1/8 ESE	B15	29
LAUCKS TESTING LABORATORIES	940 S HARNEY ST	1/4 - 1/2 SSE	V109	83
UPS SEATTLE HUB	4455 7TH AVE S THE HUB	1/2 - 1 N	BL307	230
TOTAL RECLAIM INC ECOLIGHTS NW	4400 4TH AVE S	1/2 - 1 NNW	BU604	335
VA PUGET SOUND HEALTH CARE SYS	1660 S COLUMBIAN WAY	1/2 - 1 NE	CF635	359

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DRESSER RAND	225 S LUCILE ST	1/4 - 1/2 W	111	88
SAINT GOBAIN CONTAINERS LLC	5801 E MARGINAL WAY S	1/2 - 1 WSW	BA263	200
VIOX CORP	6701 6TH AVE S	1/2 - 1 SSW	BT585	327

RCRIS: 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). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRIS-SQG list, as provided by EDR, and dated 07/11/2003 has revealed that there are

EXECUTIVE SUMMARY

206 RCRIS-SQG 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>
OLYMPIC FOUNDRY	5200 AIRPORT WAY S	0 - 1/8 NNE	20	40
PIONEER ENAMEL MANUFACTURE	5531 AIRPORT WAY S	1/8 - 1/4SE	D23	42
BREESE JONES REFINISHERS	5626 AIRPORT WAY S	1/8 - 1/4SE	H38	50
SEATTLE COMMERCIAL FINISHING	5700 CORSON AV S	1/8 - 1/4SSE	41	51
INDUSTRIAL MAGIC HOMER	927 S HOMER ST	1/4 - 1/2SSE	47	54
LUMBER TRUCKING	943 S NEBRASKA AVE	1/4 - 1/2SSE	R95	75
PAVLINOVIC SENKA	5260 & 5254 15TH AVE	1/4 - 1/2E	97	76
ALLTRANS EXPRESS DIV TNT CANAD	655 S EDMUNDS ST	1/4 - 1/2NNW	S103	78
SAMIS FOUNDATION	636 S EDMUNDS ST	1/4 - 1/2NNW	S104	79
OSTEX INTL INC 5955 AIRPORT WA	5955 AIRPORT WAY S	1/4 - 1/2SE	T105	79
RAINIER ICE & COLD STORAGE INC	6004 AIRPORT WAY S	1/4 - 1/2SE	T115	92
SEATTLE SCHOOL DIST 1 CLEVELAN	5511 15TH AVE S	1/4 - 1/2E	123	101
HAMILTON BUILDING	6007 12TH AVE S	1/4 - 1/2SE	Y124	102
SEATTLE BARREL CO	4716 AIRPORT WAY	1/4 - 1/2N	AB152	116
AIRGAS NORPAC	4701 AIRPORT WAY S	1/4 - 1/2N	AB160	121
FEDERAL EXPRESS CORP BFIA	651 S ALASKA ST	1/2 - 1 NNW	AE165	123
BMP INCORPORATED	647 S ALASKA	1/2 - 1 NNW	AE169	131
HAMMER AUTO REBUILD & SALES IN	1209 S BAILEY ST	1/2 - 1 SSE	170	131
GRIFFIN FUEL CO	1210 S BAILEY ST	1/2 - 1 SSE	AJ176	136
GLORIA MILLER ESTATE OF	1226 S BAILEY ST	1/2 - 1 SSE	AJ183	140
BENZ FRIENDZ INC	6249 FLORA AVE S	1/2 - 1 SSE	AL187	142
HUNTLEY MACHINE TOOL INC	4623 7TH AVE S	1/2 - 1 N	AP200	149
COLUMBIA SPECIALTY	633 S SNOQUALMIE	1/2 - 1 NNW	205	158
GIDDENS INDUSTRIES INC GEORGET	6401 CARLETON AVE S	1/2 - 1 S	226	174
PAINTERS INC	4501 AIRPORT WAY S	1/2 - 1 N	244	189
6249 AIRPORT WAY S	6249 AIRPORT WAY S	1/2 - 1 SE	AX245	189
UNITED BLDG SVCS	6259 AIRPORT WY S	1/2 - 1 SE	258	196
NORTHWEST BOTTLING CO	1136 ALBRO PL S	1/2 - 1 SSE	260	197
ANR FREIGHT SYSTEM INC SEATTLE	4501 6TH AVE S	1/2 - 1 NNW	BE275	214
FIORITO PAUL	4429 AIRPORT WAY S W EN	1/2 - 1 N	BI295	226
NORTHWEST FORKLIFT INC	4429 AIRPORT WAY S	1/2 - 1 N	BI296	226
MARINE VACUUM SERVICE INC	1516 S GRAHAM ST	1/2 - 1 SE	BN540	295
WA DOT STATE FERRIES AIRPORT	6301 AIRPORT WAY S	1/2 - 1 SE	BP554	312
KING CNTY AIRPORT MAINTENANCE	6518 ELLIS AVE S	1/2 - 1 SSE	BQ574	320
OLYMPIC MEDICAL CORP 7TH AVE	4400 7TH AVE S	1/2 - 1 N	576	324
COSTCO WHOLESALE 1	4401 4TH AVE S	1/2 - 1 NNW	BU605	338
FAMCO TRANSPORT INC	6640 ELLIS AVE S	1/2 - 1 SSE	CB616	345
WA GA SEATTLE MOTOR POOL	6650 ELLIS AVE S	1/2 - 1 SSE	CB619	349
US VA MEDICAL CTR SEATTLE COLU	1660 S COLUMBIAN WAY	1/2 - 1 NE	CF636	361
SEATTLE SCH DIST 1 MERCER MIDD	1600 S COLUMBIAN WAY	1/2 - 1 NNE	651	371
USAF ANG SEATTLE STATION	6736 ELLIS AVENUE S	1/2 - 1 SSE	CI657	375
FERDINAND ST DRUG LA	2031 S FERDINAND ST	1/2 - 1 ENE	660	376
BURKE CO	4201 AIRPORT WAY S	1/2 - 1 N	CN675	385
SEATTLE CITY TRANSPORTATION DE	4200 AIRPORT WAY S	1/2 - 1 N	CN676	386
JOHN PERINE CO	820 S ADAMS ST	1/2 - 1 N	677	387
RAINIER INDUSTRIES	620 S INDUSTRIAL WAY	1/2 - 1 N	691	393
SEATTLE SCHOOL DIST DFC	4141 4TH AVE S	1/2 - 1 NNW	CS701	402
GOLDEN GRAIN SEATTLE DISTRIBUT	4100 4TH AVE S	1/2 - 1 NNW	CS708	405
GULL INDUSTRIES INC 267	4115 1/2 4TH AVE S	1/2 - 1 NNW	CS712	407
WELDERS SUPPLY CO	4105 AIRPORT WAY S	1/2 - 1 N	CV716	410
NORTHWEST PLATING	825 S DAKOTA ST	1/2 - 1 N	CV720	412
WASHINGTON TRUCKING ASSOC	4101 4TH AVE S	1/2 - 1 NNW	722	414
MARQUEE SCREEN & DESIGN INC	818 S DAKOTA ST	1/2 - 1 N	CV723	417
FLEET PRIDE WEST INC SEATTLE	600 S DAKOTA ST	1/2 - 1 N	724	417
MOUNTAIN SAFETY RESEARCH	4225 2ND AVE S	1/2 - 1 NNW	CY731	422

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WELDERS SUPPLY	4000 7TH AVE S	1/2 - 1 N	739	433
BEACON HILL DRY CLEANERS	4850 BEACON AVE S	1/2 - 1 ENE	740	434
PSE GEORGETOWN BASE	6500 URSULA PL S	1/2 - 1 SE	745	439
FLINT INK CORP SEATTLE	655 S ANDOVER ST	1/2 - 1 N	DE751	442
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WESTERN TRAILER REPAIR INC	707 S LUCILE ST	0 - 1/8 SW	14	28
AMALGAMATED SUGAR CO SEATTLE	5400 DENVER AVE S	0 - 1/8 W	C19	40
MILWAUKEE ELECTRIC TOOL CORP S	5419 MAYNARD AVE S	0 - 1/8 W	21	41
GE AIRCRAFT ENGINES	637 S LUCILE ST	0 - 1/8 WSW	22	41
SIMON GOLUB SONS INC	5506 6TH AVE S	1/8 - 1/4 WSW	E26	45
GREATER SEATTLE FLOORS LLC	5517 6TH AVE S	1/8 - 1/4 WSW	E27	45
ORCAS BUSINESS PARK LLC	650 S ORCAS	1/8 - 1/4 SSW	28	46
VALCO GRAPHICS INC SEATTLE	674 S ORCAS	1/8 - 1/4 SSW	29	46
DHL AIRFREIGHT SEATTLE	707 S ORCAS	1/8 - 1/4 SSW	F30	47
CHARLES H LILLY CO	5200 DENVER AVE S	1/8 - 1/4 WNW	G35	49
GE LIGHTING SEATTLE DISTRIBUTI	549 S DAWSON ST	1/8 - 1/4 WNW	42	52
AMERICAN TECHNICAL COATINGS IN	666 S FIDALGO ST	1/4 - 1/2 SSW	43	52
MOORE DATA MGMT SVCS DIV	725 S FIDALGO ST	1/4 - 1/2 SSW	146	54
GRAPHIC ARTS CTR THE ALLIED PR	832 S FIDALGO ST	1/4 - 1/2 S	J50	55
BRANOM INSTRUMENT CO INC	5500 4TH AVE S	1/4 - 1/2 W	51	57
NORTHWEST SIGN SUPPLY	5300 4TH AVE S	1/4 - 1/2 W	52	57
DOW CHEMICAL USA MICHIGAN DIV	UNION PACIFIC RR 4TH &	1/4 - 1/2 WNW	K55	59
UNION PACIFIC RAILROAD CO DAW	402 S DAWSON ST	1/4 - 1/2 WNW	K59	60
LEORE VANVALKENBURG TRUST	5200 4TH AVE S	1/4 - 1/2 WNW	K61	60
NAPA AUTO PARTS SEATTLE	5201 4TH AVE	1/4 - 1/2 WNW	K62	61
QUICK START NORTHWEST INC	913 S DORIS	1/4 - 1/2 SSE	L75	65
CONTOUR LAMINATES LPA WASH LTD	5910 CORSON AVE S	1/4 - 1/2 SSE	L76	66
DRAPER MACHINE WORKS INC	5055 4TH AVE S	1/4 - 1/2 WNW	82	68
GEORGETOWN GULL 1228	5959 CORSON AVE S	1/4 - 1/2 SSE	N84	69
ALKI AUTO BODY INC	5958 CORSON AVE S	1/4 - 1/2 SSE	N85	70
ACE RADIATOR	311 S BRANDON ST	1/4 - 1/2 W	86	70
WESTMAR SERVICES INC	5930 6TH AVE S	1/4 - 1/2 SSW	O89	72
AC PROPELLER SERVICE INC	925 S NEBRASKA	1/4 - 1/2 SSE	P90	73
PACIFIC MARINE TESTING CO	5807 4TH AVE S	1/4 - 1/2 SW	Q91	74
WEAR COTE NORTHWEST INC	5811 4TH AVE S	1/4 - 1/2 SW	Q92	74
ART BRASS PLATING	5815 4TH AVE S	1/4 - 1/2 SW	Q94	75
AM INTERNATIONAL	5901 4TH AVE S	1/4 - 1/2 SW	98	76
ALEUTIAN CONSTRUCTORS	5939 4TH AVE S	1/4 - 1/2 SW	U106	80
LAUCKS TESTING LABORATORIES HA	921 S HARNEY ST	1/4 - 1/2 SSE	107	81
FOSTERS SVC CORP	934 S HARNEY ST	1/4 - 1/2 SSE	V108	83
SAHLBERG EQUIPMENT	5950 4TH AVE S	1/4 - 1/2 SW	U110	86
EMERALD CITY FREIGHT DISTRIBU	6003 6TH AVE S	1/4 - 1/2 SSW	112	90
CAPITAL INDUSTRIES INC	5801 3RD AVE S	1/4 - 1/2 WSW	114	90
BINDERY	215 S BENNETT	1/4 - 1/2 W	W116	93
GENERAL ELECTRIC AVIATION DIV	220 S DAWSON ST	1/4 - 1/2 WNW	X117	93
MCKINSTRY CO 5005	5005 3RD AVE S	1/4 - 1/2 WNW	119	100
SEACAST INC SEATTLE	207 S BENNETT ST	1/4 - 1/2 W	W121	100
BERG EVANS CHAIN CO	217 S FINDLAY ST	1/4 - 1/2 WSW	122	101
FRYER KNOWLES INC	211 S DAWSON ST	1/4 - 1/2 WNW	X126	103
CONTINENTAL INDUSTRIES	222 S ORCAS	1/4 - 1/2 WSW	127	104
MCKINSTRY CO STE B	4975 3RD AVE S STE B	1/4 - 1/2 NW	128	104
TEXACO 121450	6200 CORSON AVE SW	1/4 - 1/2 S	Z131	106
GE AIRCRAFT ENGINES FRONT ST	540 S FRONT ST	1/4 - 1/2 SSW	AA151	115
WESTERN PARCEL EXPRESS SEATTLE	525 S FRONT ST	1/4 - 1/2 SSW	AA153	117

EXECUTIVE SUMMARY

Lower Elevation	Address	Dist / Dir	Map ID	Page
NIVAS BUSSINESS CORP	6100 6TH AVE S	1/4 - 1/2 SSW	155	119
CLOUGH EQUIPMENT CO S FRONT S	515 S FRONT ST	1/4 - 1/2 SSW	AC156	119
MCKINSTRY CO 220 HUDSON	220 S HUDSON ST	1/4 - 1/2 WNW	AD157	119
MCKINSTRY CO 215 HUDSON ST	215 S HUDSON ST	1/4 - 1/2 WNW	AD159	120
CROWN DELTA ENVIRONMENTAL	792 S MICHIGAN ST	1/4 - 1/2 S	161	121
UPS SEATTLE EXPORT	500 S FRONT ST	1/4 - 1/2 SSW	AC163	122
SCOUGAL RUBBER CORP	6239 CORSON AVE S	1/2 - 1 S	AF166	124
MAC MACHINERY	4239 CORSON AVE S	1/2 - 1 S	AF171	132
GOLDEN GRAIN CO SEATTLE	4715 6TH AVE S	1/2 - 1 NNW	AG172	132
MACHINISTS INC PLANT 1	751 S MICHIGAN ST	1/2 - 1 S	173	133
MOBILE CRANE CO INC	5900 2ND AVE S	1/2 - 1 WSW	AI175	135
FURNITURE SPA INC	126 S FINDLAY ST	1/2 - 1 W	AH179	138
YYK ENTERPRISES INC	610 S ALASKA ST	1/2 - 1 NNW	AG185	141
DRIVE LINE SERVICES OF SEATTLE	108 S BRANDON ST	1/2 - 1 W	AK188	142
ALLIED BATTERY INC S BRANDON	105 S BRANDON ST	1/2 - 1 W	AK189	143
PRIME EQUIPMENT 565	5421 1ST AVE S	1/2 - 1 W	AK191	144
MODINE AFTERMARKET HOLDINGS IN	115 S DAWSON ST	1/2 - 1 WNW	AM192	144
WASHINGTON MACHINE WORKS	5211 1ST AVE S UNIT C D	1/2 - 1 WNW	AM197	147
BIG JOHNS TRUCK REPAIR INC SEA	5622 1/2 1ST AVE S	1/2 - 1 WSW	AO198	148
DONS RADIATOR	5626 1ST AVE S	1/2 - 1 WSW	AO199	148
B & G MACHINE INC	6400 CORSON AVE S	1/2 - 1 S	206	159
WESTERN CARTAGE INC	5050 1ST AVE S	1/2 - 1 WNW	AQ207	159
TEXACO 121430	600 S MICHIGAN	1/2 - 1 SSW	AR209	162
MICHIGAN PROPERTIES	5035 1ST AVE S	1/2 - 1 WNW	AQ212	166
FRAY EQUIPMENT CO	5821 1ST AVE S	1/2 - 1 WSW	AS217	169
NORTHWEST PUMP EQUIPMENT	601 S SNOQUALMIE ST	1/2 - 1 NNW	218	169
EMERALD TOOL INC	6332 6TH S	1/2 - 1 SSW	AR219	169
MILL LOG MARINE INC SEATTLE	6345 6TH AVE S	1/2 - 1 SSW	AR220	171
WEST PAC ENVIRONMENTAL INC	54 S DAWSON ST STE 100	1/2 - 1 WNW	AT222	172
ENVIRONMENTAL TRANSPORT INC	54 S DAWSON ST ENVIRONM	1/2 - 1 WNW	AT223	173
OLYMPIC MEDICAL CORP 1ST AVE S	5900 1ST AVE S	1/2 - 1 WSW	AU224	173
SUDDEN PRINTING	571 S MICHIGAN ST	1/2 - 1 SSW	AV227	175
BECKWITH KUFFEL INC	5930 1ST AVE S	1/2 - 1 WSW	AU228	175
EVERCLEAN INC DBA GAS N WASH	551 S MICHIGAN ST	1/2 - 1 SSW	AV233	180
BYG COOP	74 S HUDSON ST WAREHOUS	1/2 - 1 WNW	AW235	183
BAYSIDE AUTOMOTIVE STORAGE INC	NE COR OF 96TH ST & 10T	1/2 - 1 SSW	236	184
BANK & OFFICE INTERIORS	5990 1ST AVE S	1/2 - 1 WSW	237	184
SES INC WEST PAC ENVIRONMENTAL	74 S HUDSON ST	1/2 - 1 WNW	AW246	190
DAWSON STREET LAND CO	56 S DAWSON ST	1/2 - 1 W	AY247	190
WEST PAC ENVIRONMENTAL	55 S DAWSON ST	1/2 - 1 W	AY250	193
NATIONAL TRANSFER INC	28 S BRANDON ST	1/2 - 1 W	AZ252	194
JAMES HARDIE GYPSUM	5931 E MARGINAL WY S	1/2 - 1 WSW	BC262	198
SEARS 8109	4798 1ST AVE S	1/2 - 1 NW	BD269	208
CHEVRON 90636	5940 E MARGINAL WAY S	1/2 - 1 WSW	BC270	209
LONGVIEW FIBRE CO	5901 E MARGINAL WY S	1/2 - 1 WSW	BB273	211
GLACIER NORTHWEST EAST MARGINA	5975 E MARGINAL WAY S	1/2 - 1 WSW	BF280	217
BUSINESS CARD EXPRESS	6510 5TH AVE S	1/2 - 1 SSW	283	218
FRED HUTCHINSON CANCER RESEARC	4755 1ST AVE S	1/2 - 1 NW	BH288	222
WESTERN WOOD PRODUCTS OF SEATT	6520 5TH AVE S	1/2 - 1 SSW	297	227
ARGO BLOWER & MFG CO INC	5400 E MARGINAL WAY S	1/2 - 1 W	BJ299	227
UNITED MARINE SHIPBUILDING MAR	5055 E MARGINAL WAY	1/2 - 1 W	300	228
NORTH COAST REFRIGERATION INC	5047 COLORADO AVE S	1/2 - 1 WNW	301	228
LIQUID CARBONIC CARBON DIOXIDE	5021 COLORADO AVE S	1/2 - 1 WNW	BM537	290
RS HUGHES CO INC	6530 5TH PL S	1/2 - 1 SSW	BK550	306
CONSOLIDATED FREIGHTWAYS SEATT	6050 E MARGINAL WAY S	1/2 - 1 SW	BO553	309
AR TORRICO SONS SHIPPING IN	6335 1ST AVE S	1/2 - 1 SW	570	317

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
UNITED WESTERN SUPPLY	5245 E MARGINAL WAY S	1/2 - 1 W	BR575	323
BENS TRUCK PARTS INC SEATTLE	6655 CORSON AVE S	1/2 - 1 S	BS582	326
CADMAN SEATTLE INC	5225 E MARGINAL WAY S	1/2 - 1 W	BR584	326
PRO EXPRESS INC	4800 DENVER AVE S	1/2 - 1 NW	BV588	329
MANSON CONSTRUCTION CO	5209 E MARGINAL WAY S	1/2 - 1 W	BR589	329
LOOMIS FARGO & CO	5200 E MARGINAL WY S	1/2 - 1 W	BW592	330
MASTERMARK	6550 4TH AVE S	1/2 - 1 SSW	595	332
BURGESS ENTERPRISES	6361 1ST AVE S	1/2 - 1 SW	603	335
VIOX MCDOWELL SITE	551 S RIVER ST	1/2 - 1 SSW	BX608	339
ALASKA ST RELOAD & RECYLING	70 S ALASKA ST	1/2 - 1 NW	609	339
LOCKWOOD MARINE INC	6502 E MARGINAL S	1/2 - 1 SSW	BY610	340
GENERAL ELECTRIC CO SEATTLE H	37 S HUDSON ST	1/2 - 1 WNW	611	340
MORTON INTERNATIONAL INC APL	4750 DENVER AVE S	1/2 - 1 NW	614	344
ARROW TRANSPORTATION	6737 CORSON AVE S	1/2 - 1 S	CA621	350
ZEP MFG CO SEATTLE	4700 DENVER ST	1/2 - 1 NW	CD625	353
BIG JOHNS TRUCK REPAIR INC	6533 3RD AVE S	1/2 - 1 SSW	627	353
UNIVERSAL METAL FABRICATORS SE	6553 5TH S	1/2 - 1 SSW	628	355
UNION PACIFIC RR DENVER AVE YA	4700 DENVER AVE S UNDER	1/2 - 1 NW	CD629	355
UNITOR SHIPS SVC LTD	4700 DENVER AVE S SE CO	1/2 - 1 NW	CD633	358
AMERICAN PRESIDENT LINES	4700 DENVER AVE S BETWE	1/2 - 1 NW	CD634	358
UNION PACIFIC RAILROAD ARGO YA	4700 BLK DENVER AVE S	1/2 - 1 NW	CD642	364
TOTEM EQUIPMENT SEATTLE	5000 E MARGINAL WAY S	1/2 - 1 WNW	CG647	368
BLOCH STEEL INDUSTRIES	4580 COLORADO AVE S	1/2 - 1 NW	CH648	369
WESTERN WASHINGTON APPRENT T	6770 E MARGINAL WAY S B	1/2 - 1 SSW	CJ658	375
SPRINGS PRINTING INC	151 S MICHIGAN ST	1/2 - 1 SW	CK659	376
NORTHWEST NUT & BOLT CO	6795 E MARGINAL WAY S	1/2 - 1 SSW	CJ663	378
VACUUM TRUCK SVC INC	220 S RIVER ST	1/2 - 1 SSW	CM667	380
SHULTZ DISTRIBUTING INC MARGIN	6851 E MARGINAL WAY S	1/2 - 1 S	CL674	385
V VAN DYKE INC	150 S RIVER ST	1/2 - 1 SSW	CO679	388
NORHLAND SERVICES INC FOX AVE	6701 FOX AVE S	1/2 - 1 SSW	CP688	391
USAF WATERPORT LOGISTICS OFFIC	4735 E MARGINAL WY S US	1/2 - 1 WNW	CT703	403
US DOI BIA FEDERAL CENTER S	4735 E MARGINAL WAY S B	1/2 - 1 WNW	CT705	404
WA GA MARGINAL WAY	4735 E MARGINAL WAY S	1/2 - 1 WNW	CT706	404
FOX BRIGHTON BARREL	FOX AVE S & S BRIGHTON	1/2 - 1 SSW	721	414
WA DNR CORSON AVE SITE HAT BOO	6800 E MARGINAL WAY & C	1/2 - 1 SSE	727	418
USWCOM SEATTLE DUWAMISH CO	7000 E MARGINAL WAY S	1/2 - 1 S	CZ733	423
GREAT WESTERN CHEMICAL CO SEAT	6900 FOX AVE S	1/2 - 1 SSW	DA735	424
BERKLEY CONST INC	4634 E MARGINAL WAY S	1/2 - 1 NW	DB736	432
ANACOMP INC MARGINAL	4634 E MARGINAL WAY S S	1/2 - 1 NW	DB737	433
CASCADE MACHINERY & ELECTRIC I	4600 E MARGINAL WAY S	1/2 - 1 NW	DC743	437
VESSEL JESSIE 282206	4601 DIAGONAL AVE S	1/2 - 1 NW	DC746	439
KING CNTY METRO DUWAMISH PUMP	4501 E MARGINAL WAY S	1/2 - 1 NW	760	448

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 12/31/2002 has revealed that there are 32 ERNS 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>
5810 AIRPORT WAY SOUTH (WAREHO	5810 AIRPORT WAY SOUTH	1/4 - 1/2 SE	81	68
6300 17TH AVE SOUTH	6300 17TH AVE SOUTH	1/2 - 1 SE	BN545	303
1ST AVE SOUTH & SOUTH MICHIGAN	1ST AVE SOUTH & SOUTH M	1/2 - 1 SW	689	392
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
5817 6TH AVE S.	5817 6TH AVE S.	1/4 - 1/2 SW	48	54

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<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
402 SOUTH DAWSON	402 SOUTH DAWSON	1/4 - 1/2 WNW	K57	59
402 SOUTH DAWSON STREET	402 SOUTH DAWSON STREET	1/4 - 1/2 WNW	K58	60
402 SOUTH DAWSON STREET	402 SOUTH DAWSON STREET	1/4 - 1/2 WNW	K60	60
5910 CORSON AVE.	5910 CORSON AVE.	1/4 - 1/2 SSE	L77	66
207 BENNETT	207 BENNETT	1/4 - 1/2 W	W120	100
115 SOUTH LUCILE	115 SOUTH LUCILE	1/2 - 1 W	184	141
80 SOUTH HUDSON ST	80 SOUTH HUDSON ST	1/2 - 1 WNW	AW240	186
5801 EAST MARGINAL WAY SOUTH	5801 EAST MARGINAL WAY	1/2 - 1 WSW	BA253	195
5801 E. MARGINAL WAY S.	5801 E. MARGINAL WAY S.	1/2 - 1 WSW	BA254	195
5801 EAST MARGINAL WAY SO	5801 EAST MARGINAL WAY	1/2 - 1 WSW	BA255	195
5800 MARGINAL WAY	5800 MARGINAL WAY	1/2 - 1 WSW	BA256	195
5901 EAST MARGINAL WAY	5901 EAST MARGINAL WAY	1/2 - 1 WSW	BB259	196
CONSOLIDATED FREIGHTWAYS	CONSOLIDATED FREIGHTWAY	1/2 - 1 SW	274	214
5430 W. MARGINAL WAY S.W.	5430 W. MARGINAL WAY S.	1/2 - 1 W	BJ293	225
6050 EAST MARGINAL WAY S	6050 EAST MARGINAL WAY	1/2 - 1 SW	BO558	314
6050 E. MARGINAL WAY	6050 E. MARGINAL WAY	1/2 - 1 SW	BO567	316
5209 EAST MARGINAL WAY S MANSO	5209 EAST MARGINAL WAY	1/2 - 1 W	BR590	330
5209 EAST MARGINAL WAY SOUTH	5209 EAST MARGINAL WAY	1/2 - 1 W	BR591	330
JAMES HARDY GYPSUM PIER 5931 E	JAMES HARDY GYPSUM PIER	1/2 - 1 WSW	606	338
6305 E MARGINAL S	6305 E MARGINAL S	1/2 - 1 SSW	BY607	338
4700 DENVER AVE.	4700 DENVER AVE.	1/2 - 1 NW	CD632	358
6701 FOX AVE	6701 FOX AVE	1/2 - 1 SSW	CP680	389
6701 FOX AVE SOUTH	6701 FOX AVE SOUTH	1/2 - 1 SSW	CP681	389
6701 FOX AV S	6701 FOX AV S	1/2 - 1 SSW	CP682	389
6701 FOX AVE SOUTH	6701 FOX AVE SOUTH	1/2 - 1 SSW	CP684	390
6701 FOX AVE SOUTH	6701 FOX AVE SOUTH	1/2 - 1 SSW	CP687	391
121 SOUTH RIVER STREET AT THE	121 SOUTH RIVER STREET	1/2 - 1 SSW	CO695	397
122 RIVER STREET	122 RIVER STREET	1/2 - 1 SSW	CO699	401

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 30 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>
KELLY MOORE PRESERVATIVE PAINT	5410 AIRPORT WAY S	0 - 1/8 ESE	B15	29
PIONEER ENAMEL MANUFACTURE	5531 AIRPORT WAY S	1/8 - 1/4 SE	D23	42
FEDERAL EXPRESS CORP BFIA	651 S ALASKA ST	1/2 - 1 NNW	AE165	123
SAMIS LAND CO SITE	647 S ALASKA ST	1/2 - 1 NNW	AE168	129
SEATTLE BARREL & COOPERAGE	7TH AV S / S SNOQUALM	1/2 - 1 N	AP203	154
MARINE VACUUM SERVICE INC	1516 S GRAHAM ST	1/2 - 1 SE	BN540	295
NORTH COAST CHEMICAL PLANT	6300 17TH AVENUE SOUTH	1/2 - 1 SE	BN546	303
WA AIR NATIONAL GUARD BOEING N	6736 ELLIS AVE S	1/2 - 1 SSE	CI653	372
NORTHWEST PLATING	825 S DAKOTA ST	1/2 - 1 N	CV720	412
WASHINGTON TRUCKING ASSOC	4101 4TH AVE S	1/2 - 1 NNW	722	414
SPEAR TRUSTS WHSE	4001 6TH AV S	1/2 - 1 N	DF754	444

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<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SAHLBERG EQUIPMENT	5950 4TH AVE S	1/4 - 1/2 SW	U110	86
GENERAL ELECTRIC AVIATION DIV	220 S DAWSON ST	1/4 - 1/2 WNW	X117	93
GEORGETOWN CENTER	NW CORNER OF CORSON AVE	1/4 - 1/2 SSE	129	105
SCOUGAL RUBBER CORP	6239 CORSON AVE S	1/2 - 1 S	AF166	124
ALASKA STREET PROPERTY	615 S ALASKA ST	1/2 - 1 NNW	AG180	138
AIR TEC COMPANY	5701 1ST AVE SOUTH	1/2 - 1 WSW	202	152
EMERALD TOOL INC	6332 6TH S	1/2 - 1 SSW	AR219	169
EVERCLEAN INC DBA GAS N WASH	551 S MICHIGAN ST	1/2 - 1 SSW	AV233	180
JAMES HARDIE GYPSUM	5931 E MARGINAL WY S	1/2 - 1 WSW	BC262	198
LONGVIEW FIBRE CO	5901 E MARGINAL WY S	1/2 - 1 WSW	BB273	211
NORTHWEST ENVIROSERVICE 2W	1ST AV SW / MARGINAL	1/2 - 1 SW	BF284	219
CONSOLIDATED FREIGHTWAYS SEATT	6050 E MARGINAL WAY S	1/2 - 1 SW	BO553	309
FRANKS USED CARS	6305 E MARGINAL WAY S	1/2 - 1 SW	BZ613	341
BIG JOHNS TRUCK REPAIR INC	6533 3RD AVE S	1/2 - 1 SSW	627	353
Not reported	6365 1ST AVE S	1/2 - 1 SW	CE630	356
UPRR DIAGONAL AVE S SPUR	60 DIAGONAL AVE S	1/2 - 1 NW	CR696	397
CHEVRON SEATTLE TERMINAL 4097	4525 DIAGONAL AVE S	1/2 - 1 NW	CX728	418
GREAT WESTERN CHEMICAL CO SEAT	6900 FOX AVE S	1/2 - 1 SSW	DA735	424
DUWAMISH CO 070952	7000 E MARGINAL WAY	1/2 - 1 S	CZ741	435

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 07/07/2003 has revealed that there are 54 LUST 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>
KELLY-MOORE PAINT CO	5410 AIRPORT WAY S	0 - 1/8 ESE	B16	33
MIKES MOBIL SERVICE	6235 AIRPORT WY SO	1/2 - 1 SE	AX238	185
A N R FREIGHT SYSTEM	4501 6TH AVE SO	1/2 - 1 NNW	BE271	209
JULIUS ROSSO WHOLESALE NURSERY	6404 ELLIS AVE S	1/2 - 1 SSE	BG281	218
UPS SEATTLE HUB	4455 7TH AVE S THE HUB	1/2 - 1 N	BL307	230
GEORGETOWN STEAMPLANT (NOW A M	1131 SOUTH ELIZABETH	1/2 - 1 SSE	539	294
NORTH COAST CHEMICAL PLANT	6300 17TH AVENUE SOUTH	1/2 - 1 SE	BN546	303
ZELLERBACH PAPER COMPANY	6301 AIRPORT WAY SOUTH	1/2 - 1 SE	BP571	317
KING COUNTY AIRPORT	6518 ELLIS AVE	1/2 - 1 SSE	BQ573	318
A & T PUMP	6525 ELLIS AVE S	1/2 - 1 SSE	BQ578	324
MOTOR POOL	6650 ELLIS AVE SOUTH	1/2 - 1 SSE	CB620	349
VA MEDICAL CENTER	1660 SO COLUMBIAN WAY	1/2 - 1 NE	CF646	366
PUGET SOUND ENERGY	6349 18TH AVE SOUTH	1/2 - 1 SE	661	377
THE BURKE COMPANY	4201 AIRPORT WAY S/ PO	1/2 - 1 N	CN678	388
SEATTLE SCHOOL FACILITIES	4141 4TH AVE S	1/2 - 1 NNW	CS700	401
GOLDEN GRAIN SEATTLE DISTRIBUT	4100 4TH AVE S	1/2 - 1 NNW	CS708	405
4TH SOUTH GULL #219	4115 4TH AVE S	1/2 - 1 NNW	CS714	408
WASHINGTON TRUCKING ASSOC	4101 4TH AVE S	1/2 - 1 NNW	722	414
CAMCAL CO INC	4000 AIRPORT WAY S.	1/2 - 1 N	DD749	440
PACIFIC FRUIT AND PRODUCE	4103 2ND AVE SOUTH	1/2 - 1 NNW	DG757	446
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PNB BUILDING	707 S ORCAS ST	1/8 - 1/4 SSW	F33	48
U S BANK OF WASHINGTON	1137 S W HANFORD ST	1/8 - 1/4 W	37	50
BAXTER RUTHERFORD	911 SOUTH HOSMER ST	1/4 - 1/2 SSE	45	53

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<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
UNION PACIFIC MOTOR	420 S DAWSON	1/4 - 1/2 WNW	K54	58
DRAPER MACHINE WORKS INC	5055 4TH AVE S	1/4 - 1/2 WNW	82	68
GEORGETOWN GULL #1228	5959 CORSON AVENUE SOUT	1/4 - 1/2 SSE	N87	71
TEXACO STATION #63-232-0400	6200 CORSON AVE S	1/4 - 1/2 S	Z141	110
AIR DATA EXPRESS, INC.	525 S FRONT ST	1/4 - 1/2 SSW	AA154	117
SCOUGAL RUBBER CORP	6239 CORSON AVE S	1/2 - 1 S	AF166	124
BOBS TEXACO SERVICE	5304 1ST AVE SO	1/2 - 1 W	AN194	145
PTL PARTNERSHIP	6314 7TH S	1/2 - 1 S	201	150
AIR TEC COMPANY	5701 1ST AVE SOUTH	1/2 - 1 WSW	202	152
TEXACO STATION #63-232-0400	600 S MICHIGAN	1/2 - 1 SSW	AR208	160
NATIONAL TRANSFER INC	5265 UTAH AVE S	1/2 - 1 W	221	172
DISTRICT HEADQUARTERS SITE	6431 CORSON AVE S	1/2 - 1 S	230	176
MICHIGAN STREET SHELL	551 S MICHIGAN ST	1/2 - 1 SSW	AV232	179
80 S HUDSON ST SITE	80 S HUDSON ST	1/2 - 1 WNW	AW242	187
DAWSON STREET LAND COMPANY	54 S DAWSON	1/2 - 1 W	AY249	191
INCON PACKAGING	5801 E MARGINAL WAY S	1/2 - 1 WSW	BA264	204
LONGVIEW FIBRE COMPANY	5901 E MARGINAL WAY S	1/2 - 1 WSW	BB272	209
JAMES HARDIE GYPSUM	5931 E MARGINAL WAY SO	1/2 - 1 WSW	BC277	215
GLACIER NORTHWEST, INC.	5975 E MARGINAL WAY S	1/2 - 1 SW	BF290	224
CHEVRON 90636	5940 E MARGINAL WAY	1/2 - 1 SW	541	301
LOOMIS ARMORED INC	5200 E MARGINAL WAY SO	1/2 - 1 W	BW594	331
PRO EXPRESS GROUP INC (FRMRLY	4800 DENVER AVE S	1/2 - 1 NW	BV596	332
LEO FIX TRANSFER & STORAGE CO	4700 DENVER AVE SOUTH	1/2 - 1 NW	CD641	363
M BLOCH & CO INC	4580 COLORADO AVE S PO	1/2 - 1 NW	CH650	370
WF CARMODY	220 S RIVER ST	1/2 - 1 SSW	CM671	382
U S GENERAL SERVICES ADMINISTR	4735 E MARGINAL WAY S	1/2 - 1 WNW	CQ694	395
SEATTLE YARD	60 DIAGONAL SOUTH	1/2 - 1 NW	CR697	400
WDOT RIVER STREET (EXEMPT)	107 RIVER ST	1/2 - 1 SSW	CU711	407
PERFECTION SMOKERY	4660 E MARGINAL WAY S	1/2 - 1 WNW	CW717	410
GREAT WESTERN CHEMICAL CO SEAT	6900 FOX AVE S	1/2 - 1 SSW	DA735	424
CASCADE MACHINERY & ELECTRIC I	4600 E MARGINAL WAY S	1/2 - 1 NW	DC743	437

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 07/11/2003 has revealed that there are 119 UST 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>
KELLY-MOORE PAINT CO	5410 AIRPORT WAY S	0 - 1/8 ESE	B16	33
OLYMPIC FOUNDRY	5200 AIRPORT WAY S	0 - 1/8 NNE	20	40
CONSOLIDATED FREIGHTWAYS	655 S EDMUNDS	1/4 - 1/2 NNW	S100	77
RAINIER ICE & COLD STORAGE	6004 AIRPORT WAY SOUTH	1/4 - 1/2 SE	118	99
SONS OF ITALY CHEVRON 9-3189	5337 15TH AVE S	1/4 - 1/2 E	125	102
UNION CARBIDE CORPORATION	4701 AIRPORT WAY S	1/4 - 1/2 N	AB162	122
GRIFFIN FUEL COMPANY	1210 SO BAILEY	1/2 - 1 SSE	AJ177	137
MIKES MOBIL SERVICE	6235 AIRPORT WY SO	1/2 - 1 SE	AX238	185
NORTHWEST BOTTLING CO	1136 ALBRO PL S	1/2 - 1 SSE	260	197
PLYMOUTH POULTRY COMPANY	4500 7TH AVE S	1/2 - 1 N	261	197
A N R FREIGHT SYSTEM	4501 6TH AVE SO	1/2 - 1 NNW	BE271	209
JULIUS ROSSO WHOLESALE NURSERY	6404 ELLIS AVE S	1/2 - 1 SSE	BG281	218
NORTHWEST FORKLIFT INC	4429 AIRPORT WAY S	1/2 - 1 N	BI289	223
PAUL D FIORITO	4413 AIRPORT WAY SOUTH	1/2 - 1 N	BI294	225

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
RICCHIAZZI INDUSTRIAL BLDGS (E)	4424 AND 4500 4TH AVE S	1/2 - 1 NNW	302	229
UPS SEATTLE HUB	4455 7TH AVE S THE HUB	1/2 - 1 N	BL307	230
GEORGETOWN STEAMPLANT (NOW A M	1131 SOUTH ELIZABETH	1/2 - 1 SSE	539	294
NORTH COAST CHEMICAL	6300 17TH AVE S	1/2 - 1 SE	BN549	306
AVIATION FUEL STORAGE	1495 S HARDY ST	1/2 - 1 SE	552	307
ZELLERBACH PAPER COMPANY	6301 AIRPORT WAY SOUTH	1/2 - 1 SE	BP571	317
KING COUNTY AIRPORT	6518 ELLIS AVE	1/2 - 1 SSE	BQ573	318
A & T PUMP	6525 ELLIS AVE S	1/2 - 1 SSE	BQ577	324
SEA A AFSS	6526 ELLIS AVE S	1/2 - 1 SSE	BQ579	325
MOTOR POOL	6650 ELLIS AVE SOUTH	1/2 - 1 SSE	CB620	349
VA MEDICAL CENTER	1660 SO COLUMBIAN WAY	1/2 - 1 NE	CF646	366
WASHINGTON ANG 143 CCSQ	6736 ELLIS AVE S	1/2 - 1 SSE	CI652	371
PUGET SOUND ENERGY	6349 18TH AVE SOUTH	1/2 - 1 SE	661	377
PACIFIC FOOD PRODUCTS INC	4200 AIRPORT WY SO	1/2 - 1 N	CN668	381
THE BURKE COMPANY	4201 AIRPORT WAY S/ PO	1/2 - 1 N	CN678	388
SEATTLE SCHOOL DIST DFC	4141 4TH AVE S	1/2 - 1 NNW	CS701	402
GOLDEN GRAIN SEATTLE DISTRIBUT	4100 4TH AVE S	1/2 - 1 NNW	CS708	405
4TH SOUTH GULL #219	4115 4TH AVE S	1/2 - 1 NNW	CS714	408
GULL RACK #267	4115 1/2 4TH AVE S	1/2 - 1 NNW	CS715	409
NORTHWEST PLATING	825 S DAKOTA ST	1/2 - 1 N	CV720	412
WASHINGTON TRUCKING ASSOC	4101 4TH AVE S	1/2 - 1 NNW	722	414
MOUNTAIN SAFETY RESEARCH	4225 2ND AVE S	1/2 - 1 NNW	CY730	422
WELDERS SUPPLY	4000 7TH AVE S	1/2 - 1 N	739	433
M.C. FOOD STORE	4800 BEACON AVE S	1/2 - 1 ENE	744	438
CAMCAL CO INC	4000 AIRPORT WAY S.	1/2 - 1 N	DD749	440
SINCLAIR AND VALENTINE CO INC	655 SOUTH ANDOVER STREE	1/2 - 1 N	DE750	441
RESIDENCE 14TH AVE S (EXEMPT)	4125 14TH AVE S	1/2 - 1 NNE	752	443
A H SPEAR	4001 6TH AVE S	1/2 - 1 N	DF753	443
PACIFIC FRUIT AND PRODUCE	4103 2ND AVE SOUTH	1/2 - 1 NNW	DG757	446
Lower Elevation				
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
THE AMALGAMATED SUGAR CO.	5400 DENVER AVE SO.	0 - 1/8 W	C18	39
PNB BUILDING	707 S ORCAS ST	1/8 - 1/4SSW	F32	47
U S BANK OF WASHINGTON	1137 S W HANFORD ST	1/8 - 1/4W	37	50
NORTHWEST CORPORATE PARK BLDG	520 S BRANDON ST	1/8 - 1/4W	40	51
BAXTER RUTHERFORD	911 SOUTH HOSMER ST	1/4 - 1/2SSE	45	53
WESTERN UNION TEL CO	808 SO FILDAGO ST	1/4 - 1/2S	J49	55
UNION PACIFIC MOTOR	420 S DAWSON	1/4 - 1/2WNW	K54	58
ARGO TOFC	4TH AVENUE SOUTH & DAWS	1/4 - 1/2WNW	K56	59
DRAPER MACHINE WORKS INC	5055 4TH AVE S	1/4 - 1/2WNW	82	68
GEORGETOWN GULL #1228	5959 CORSON AVENUE SOUT	1/4 - 1/2SSE	N87	71
WESTMAR SERVICES INC	5930 6TH AVE S	1/4 - 1/2SSW	O88	72
MAIL DISPATCH INC	917 S NEBRASKA	1/4 - 1/2SSE	P93	75
FOSTER SERVICE CORP	934 SO HARNEY ST	1/4 - 1/2SSE	V113	90
TEXACO STATION #63-232-0400	6200 CORSON AVE S	1/4 - 1/2S	Z141	110
AIR DATA EXPRESS, INC.	525 S FRONT ST	1/4 - 1/2SSW	AA154	117
SCOUGAL RUBBER CORP	6239 CORSON AVE S	1/2 - 1 S	AF166	124
SHARP'S AUTOMOTIVE, INC. -	126 S. FINDLAY	1/2 - 1 W	AH174	135
WESTERN BRIDGE CO	5900 SECOND AVE SO	1/2 - 1 WSW	AI178	137
RENTAL SERVICE CORPORATION	5421 1ST AVE S	1/2 - 1 W	AK190	143
MESHER SUPPLY	5001 FIRST AVE S	1/2 - 1 WNW	193	145
BOBS TEXACO SERVICE	5304 1ST AVE SO	1/2 - 1 W	AN194	145
PTL PARTNERSHIP	6314 7TH S	1/2 - 1 S	201	150
AIR TEC COMPANY	5701 1ST AVE SOUTH	1/2 - 1 WSW	202	152
TAGELSIR AHMED GEORGETOWN GASC	6185 4TH AVE S	1/2 - 1 SW	204	157

EXECUTIVE SUMMARY

Lower Elevation	Address	Dist / Dir	Map ID	Page
WESTERN CARTAGE INC	5050 1ST AVE S	1/2 - 1	WNW AQ207	159
TEXACO STATION #63-232-0400	600 S MICHIGAN	1/2 - 1	SSW AR208	160
CRAIG TAYLOR EQUIPMENT	5030 1ST AVE S	1/2 - 1	WNW AQ215	167
FRAY EQUIPMENT COMPANY INC	5821 1ST AVE SOUTH	1/2 - 1	WSW AS216	167
NATIONAL TRANSFER INC	5265 UTAH AVE S	1/2 - 1	W 221	172
BECKWITH KUFFEL INC	5930 1ST AVE S	1/2 - 1	WSW AU228	175
DISTRICT HEADQUARTERS SITE	6431 CORSON AVE S	1/2 - 1	S 230	176
FRED HUTCHINSON CANCER RESEARC	4755 FIRST AVE S	1/2 - 1	NW 231	178
MICHIGAN STREET SHELL	551 S MICHIGAN ST	1/2 - 1	SSW AV232	179
80 S HUDSON ST SITE	80 S HUDSON ST	1/2 - 1	WNW AW241	186
SEATTLE DISPOSAL	55 SOUTH DAWSON STREET	1/2 - 1	W AY248	191
DAWSON STREET LAND COMPANY	54 S DAWSON	1/2 - 1	W AY249	191
INCON PACKAGING	5801 E MARGINAL WAY S	1/2 - 1	WSW BA264	204
MILWAUKEE MOTOR TRANSPORTATION	53 S DAWSON	1/2 - 1	W AY268	208
LONGVIEW FIBRE COMPANY	5901 E MARGINAL WAY S	1/2 - 1	WSW BB272	209
SEARS ROEBUCK & CO	4786 1ST AVE SOUTH	1/2 - 1	NW BD276	214
JAMES HARDIE GYPSUM	5931 E MARGINAL WAY SO	1/2 - 1	WSW BC277	215
GLACIER NORTHWEST, INC.	5975 E MARGINAL WAY S	1/2 - 1	SW BF290	224
NORTH COAST REFRIGERATION INC	5047 COLORADO AVE S	1/2 - 1	WNW 301	228
LIQUID CARBONIC CARBON DIOXIDE	5021 COLORADO AVE SOUTH	1/2 - 1	WNW BM538	293
CHEVRON 90636	5940 E MARGINAL WAY	1/2 - 1	SW 541	301
RAY BURGESS CO	6361 FIRST AVE S	1/2 - 1	SW 542	302
J. A. JACK & SONS, INC.	5427 OHIO AVE S	1/2 - 1	W BJ543	302
CONSOLIDATED FREIGHTWAYS SEATT	6050 E MARGINAL WAY S	1/2 - 1	SW BO553	309
BEN'S TRUCK PARTS	6655 CORSON AVENUE SOUT	1/2 - 1	S BS581	325
LOOMIS ARMORED INC	5200 E MARGINAL WAY SO	1/2 - 1	W BW594	331
PRO EXPRESS GROUP INC (FRMRLY	4800 DENVER AVE S	1/2 - 1	NW BV596	332
VIOX CORP.	601 SO RIVER SEATTLE	1/2 - 1	SSW BX598	333
CADMAN (SEATTLE), INC.	5225 E MARGINAL WAY S	1/2 - 1	W BR599	334
MANSON CONSTRUCTION & ENGINEER	5209 E MARGINAL WAY S	1/2 - 1	W BW600	334
NORTHWEST SERVICE INC	6715 CORSON AVENUE SOUT	1/2 - 1	S CA615	344
ARROW TRANSPORTATION COMPANY	6737 CORSON AVENUE SOUT	1/2 - 1	S CA623	351
MARINE POWER & EQUIPMENT CO. I	5055 E MARGINAL WAY S	1/2 - 1	WNW 624	352
TOTEM EQUIPMENT COMPANY, INC.	5000 E MARGINAL WAY	1/2 - 1	WNW CG639	362
LEO FIX TRANSFER & STORAGE CO	4700 DENVER AVE SOUTH	1/2 - 1	NW CD641	363
M BLOCH & CO INC	4580 COLORADO AVE S PO	1/2 - 1	NW CH650	370
SEATTLE TRUCK REPAIR INC	6401 OCCIDENTAL AVE SOU	1/2 - 1	SW CK662	378
SCHULTZ DISTRIBUTING INC	6760 W MARGINAL WAY	1/2 - 1	S CL665	379
SOUTH SEATTLE COMMUNITY COLLEG	DUWAMISH APPRENTICESHIP	1/2 - 1	SSW CJ666	379
WF CARMODY	220 S RIVER ST	1/2 - 1	SSW CM671	382
WA ST DNR	6800 E MARGINAL WAY	1/2 - 1	SSW CL673	384
SHULTZ DISTRIBUTING INC MARGIN	6851 E MARGINAL WAY S	1/2 - 1	S CL674	385
NORTHLAND SERVICES INC	6701 FOX AVE. SO.	1/2 - 1	SSW CP685	390
V. VAN DYKE INC.	150 S. RIVER ST.	1/2 - 1	SSW CO690	393
U S GENERAL SERVICES ADMINISTR	4735 E MARGINAL WAY S	1/2 - 1	WNW CQ694	395
SEATTLE YARD	60 DIAGONAL SOUTH	1/2 - 1	NW CR697	400
WDOT RIVER STREET (EXEMPT)	107 RIVER ST	1/2 - 1	SSW CU710	407
PERFECTION SMOKERY	4660 E MARGINAL WAY S	1/2 - 1	WNW CW717	410
GREAT WESTERN CHEMICAL CO SEAT	6900 FOX AVE S	1/2 - 1	SSW DA735	424
DUWAMISH CO 070952	7000 E MARGINAL WAY	1/2 - 1	S CZ741	435
CASCADE MACHINERY & ELECTRIC I	4600 E MARGINAL WAY S	1/2 - 1	NW DC743	437
RICHARD DONDERO	7047 E MARGINAL WAY S	1/2 - 1	S 755	446

EXECUTIVE SUMMARY

VCP: Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

A review of the VCP list, as provided by EDR, and dated 08/19/2003 has revealed that there are 16 VCP 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>
<i>FEDERAL EXPRESS CORP BFIA</i>	<i>651 S ALASKA ST</i>	<i>1/2 - 1 NNW</i>	<i>AE165</i>	<i>123</i>
<i>WASHINGTON TRUCKING ASSOC</i>	<i>4101 4TH AVE S</i>	<i>1/2 - 1 NNW</i>	<i>722</i>	<i>414</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>GEORGETOWN CENTER</i>	<i>NW CORNER OF CORSON AVE</i>	<i>1/4 - 1/2 SSE</i>	<i>129</i>	<i>105</i>
<i>WESTERN PARCEL EXPRESS SEATTLE</i>	<i>525 S FRONT ST</i>	<i>1/4 - 1/2 SSW</i>	<i>AA153</i>	<i>117</i>
<i>SCOUGAL RUBBER CORP</i>	<i>6239 CORSON AVE S</i>	<i>1/2 - 1 S</i>	<i>AF166</i>	<i>124</i>
<i>MOBILE CRANE CO INC</i>	<i>5900 2ND AVE S</i>	<i>1/2 - 1 WSW</i>	<i>AI175</i>	<i>135</i>
<i>ALASKA STREET PROPERTY</i>	<i>615 S ALASKA ST</i>	<i>1/2 - 1 NNW</i>	<i>AG180</i>	<i>138</i>
<i>AIR TEC COMPANY</i>	<i>5701 1ST AVE SOUTH</i>	<i>1/2 - 1 WSW</i>	<i>202</i>	<i>152</i>
<i>EVERCLEAN INC DBA GAS N WASH</i>	<i>551 S MICHIGAN ST</i>	<i>1/2 - 1 SSW</i>	<i>AV233</i>	<i>180</i>
<i>Not reported</i>	<i>4755 1ST AVE S</i>	<i>1/2 - 1 NW</i>	<i>BH286</i>	<i>221</i>
<i>CONSOLIDATED FREIGHTWAYS SEATT</i>	<i>6050 E MARGINAL WAY S</i>	<i>1/2 - 1 SW</i>	<i>BO553</i>	<i>309</i>
<i>VIOX CORP</i>	<i>6701 6TH AVE S</i>	<i>1/2 - 1 SSW</i>	<i>BT585</i>	<i>327</i>
<i>VIOX MCDOWELL SITE</i>	<i>551 S RIVER ST</i>	<i>1/2 - 1 SSW</i>	<i>BX608</i>	<i>339</i>
<i>BIG JOHNS TRUCK REPAIR INC</i>	<i>6533 3RD AVE S</i>	<i>1/2 - 1 SSW</i>	<i>627</i>	<i>353</i>
<i>DUWAMISH MARINE CENTER</i>	<i>6365 1ST AVE S</i>	<i>1/2 - 1 SW</i>	<i>CE631</i>	<i>357</i>
<i>BLOCH STEEL INDUSTRIES</i>	<i>4580 COLORADO AVE S</i>	<i>1/2 - 1 NW</i>	<i>CH648</i>	<i>369</i>

FEDERAL ASTM SUPPLEMENTAL

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 07/25/2003 has revealed that there are 224 FINDS 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>
<i>KELLY MOORE PRESERVATIVE PAINT</i>	<i>5410 AIRPORT WAY S</i>	<i>0 - 1/8 ESE</i>	<i>B15</i>	<i>29</i>
<i>OLYMPIC FOUNDRY</i>	<i>5200 AIRPORT WAY S</i>	<i>0 - 1/8 NNE</i>	<i>20</i>	<i>40</i>
<i>PIONEER ENAMEL MANUFACTURE</i>	<i>5531 AIRPORT WAY S</i>	<i>1/8 - 1/4 SE</i>	<i>D23</i>	<i>42</i>
<i>BREESE JONES REFINISHERS</i>	<i>5626 AIRPORT WAY S</i>	<i>1/8 - 1/4 SE</i>	<i>H38</i>	<i>50</i>
<i>WASHINGTON LIQUIDATORS INC</i>	<i>5628 AIRPORT WAY S</i>	<i>1/8 - 1/4 SE</i>	<i>H39</i>	<i>51</i>
<i>SEATTLE COMMERCIAL FINISHING</i>	<i>5700 CORSON AV S</i>	<i>1/8 - 1/4 SSE</i>	<i>41</i>	<i>51</i>
<i>INDUSTRIAL MAGIC HOMER</i>	<i>927 S HOMER ST</i>	<i>1/4 - 1/2 SSE</i>	<i>47</i>	<i>54</i>
<i>ATWOOD ADHESIVES</i>	<i>945 S DORIS</i>	<i>1/4 - 1/2 SSE</i>	<i>M80</i>	<i>67</i>
<i>LUMBER TRUCKING</i>	<i>943 S NEBRASKA AVE</i>	<i>1/4 - 1/2 SSE</i>	<i>R95</i>	<i>75</i>
<i>PAVLINOVIC SENKA</i>	<i>5260 & 5254 15TH AVE</i>	<i>1/4 - 1/2 E</i>	<i>97</i>	<i>76</i>
<i>ALLTRANS EXPRESS DIV TNT CANAD</i>	<i>655 S EDMUNDS ST</i>	<i>1/4 - 1/2 NNW</i>	<i>S103</i>	<i>78</i>
<i>SAMIS FOUNDATION</i>	<i>636 S EDMUNDS ST</i>	<i>1/4 - 1/2 NNW</i>	<i>S104</i>	<i>79</i>

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OSTEX INTL INC 5955 AIRPORT WA	5955 AIRPORT WAY S	1/4 - 1/2 SE	T105	79
LAUCKS TESTING LABORATORIES	940 S HARNEY ST	1/4 - 1/2 SSE	V109	83
RAINIER ICE & COLD STORAGE INC	6004 AIRPORT WAY S	1/4 - 1/2 SE	T115	92
SEATTLE SCHOOL DIST 1 CLEVELAN	5511 15TH AVE S	1/4 - 1/2 E	123	101
HAMILTON BUILDING	6007 12TH AVE S	1/4 - 1/2 SE	Y124	102
JOHN E MAURER	6014 12TH AVE S	1/4 - 1/2 SE	Y130	106
SEATTLE BARREL CO	4716 AIRPORT WAY	1/4 - 1/2 N	AB152	116
AIRGAS NORPAC	4701 AIRPORT WAY S	1/4 - 1/2 N	AB160	121
FEDERAL EXPRESS CORP BFIA	651 S ALASKA ST	1/2 - 1 NNW	AE165	123
BMP INCORPORATED	647 S ALASKA	1/2 - 1 NNW	AE169	131
HAMMER AUTO REBUILD & SALES IN	1209 S BAILEY ST	1/2 - 1 SSE	170	131
GRIFFIN FUEL CO	1210 S BAILEY ST	1/2 - 1 SSE	AJ176	136
GLORIA MILLER ESTATE OF	1226 S BAILEY ST	1/2 - 1 SSE	AJ183	140
BENZ FRIENDZ INC	6249 FLORA AVE S	1/2 - 1 SSE	AL187	142
HUNTLEY MACHINE TOOL INC	4623 7TH AVE S	1/2 - 1 N	AP200	149
COLUMBIA SPECIALTY	633 S SNOQUALMIE	1/2 - 1 NNW	205	158
GIDDENS INDUSTRIES INC GEORGET	6401 CARLETON AVE S	1/2 - 1 S	226	174
PAINTERS INC	4501 AIRPORT WAY S	1/2 - 1 N	244	189
6249 AIRPORT WAY S	6249 AIRPORT WAY S	1/2 - 1 SE	AX245	189
UNITED BLDG SVCS	6259 AIRPORT WY S	1/2 - 1 SE	258	196
NORTHWEST BOTTLING CO	1136 ALBRO PL S	1/2 - 1 SSE	260	197
ANR FREIGHT SYSTEM INC SEATTLE	4501 6TH AVE S	1/2 - 1 NNW	BE275	214
FIORITO PAUL	4429 AIRPORT WAY S W EN	1/2 - 1 N	BI295	226
NORTHWEST FORKLIFT INC	4429 AIRPORT WAY S	1/2 - 1 N	BI296	226
UPS SEATTLE HUB	4455 7TH AVE S THE HUB	1/2 - 1 N	BL307	230
MARINE VACUUM SERVICE INC	1516 S GRAHAM ST	1/2 - 1 SE	BN540	295
NORTH COAST CHEMICAL CO INCORP	6300 17TH AVE. S.	1/2 - 1 SE	BN548	306
WA DOT STATE FERRIES AIRPORT	6301 AIRPORT WAY S	1/2 - 1 SE	BP554	312
KING CNTY AIRPORT MAINTENANCE	6518 ELLIS AVE S	1/2 - 1 SSE	BQ574	320
OLYMPIC MEDICAL CORP 7TH AVE	4400 7TH AVE S	1/2 - 1 N	576	324
TOTAL RECLAIM INC ECOLIGHTS NW	4400 4TH AVE S	1/2 - 1 NNW	BU604	335
COSTCO WHOLESALE 1	4401 4TH AVE S	1/2 - 1 NNW	BU605	338
FAMCO TRANSPORT INC	6640 ELLIS AVE S	1/2 - 1 SSE	CB616	345
AUTO CHLOR SYSTEM OF SEATTLE	4315 SEVENTH AVE S	1/2 - 1 N	CC617	346
WA GA SEATTLE MOTOR POOL	6650 ELLIS AVE S	1/2 - 1 SSE	CB619	349
US VA MEDICAL CTR SEATTLE COLU	1660 S COLUMBIAN WAY	1/2 - 1 NE	CF636	361
SEATTLE VETERANS HOSPITAL	1660 S. COLUMBIAN WAY	1/2 - 1 NE	CF644	366
SEATTLE SCH DIST 1 MERCER MIDD	1600 S COLUMBIAN WAY	1/2 - 1 NNE	651	371
USAF ANG SEATTLE STATION	6736 ELLIS AVENUE S	1/2 - 1 SSE	CI657	375
FERDINAND ST DRUG LA	2031 S FERDINAND ST	1/2 - 1 ENE	660	376
BURKE CO	4201 AIRPORT WAY S	1/2 - 1 N	CN675	385
SEATTLE CITY TRANSPORTATION DE	4200 AIRPORT WAY S	1/2 - 1 N	CN676	386
JOHN PERINE CO	820 S ADAMS ST	1/2 - 1 N	677	387
RAINIER INDUSTRIES	620 S INDUSTRIAL WAY	1/2 - 1 N	691	393
SEATTLE SCHOOL DIST DFC	4141 4TH AVE S	1/2 - 1 NNW	CS701	402
GOLDEN GRAIN SEATTLE DISTRIBUT	4100 4TH AVE S	1/2 - 1 NNW	CS708	405
GULL INDUSTRIES INC 267	4115 1/2 4TH AVE S	1/2 - 1 NNW	CS712	407
WELDERS SUPPLY CO	4105 AIRPORT WAY S	1/2 - 1 N	CV716	410
NORTHWEST PLATING	825 S DAKOTA ST	1/2 - 1 N	CV720	412
WASHINGTON TRUCKING ASSOC	4101 4TH AVE S	1/2 - 1 NNW	722	414
MARQUEE SCREEN & DESIGN INC	818 S DAKOTA ST	1/2 - 1 N	CV723	417
FLEET PRIDE WEST INC SEATTLE	600 S DAKOTA ST	1/2 - 1 N	724	417
MOUNTAIN SAFETY RESEARCH	4225 2ND AVE S	1/2 - 1 NNW	CY731	422
WELDERS SUPPLY	4000 7TH AVE S	1/2 - 1 N	739	433
BEACON HILL DRY CLEANERS	4850 BEACON AVE S	1/2 - 1 ENE	740	434
PSE GEORGETOWN BASE	6500 URSULA PL S	1/2 - 1 SE	745	439

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FLINT INK CORP SEATTLE	655 S ANDOVER ST	1/2 - 1 N	DE751	442
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WESTERN TRAILER REPAIR INC	707 S LUCILE ST	0 - 1/8 SW	14	28
AMALGAMATED SUGAR CO SEATTLE	5400 DENVER AVE S	0 - 1/8 W	C19	40
MILWAUKEE ELECTRIC TOOL CORP S	5419 MAYNARD AVE S	0 - 1/8 W	21	41
GE AIRCRAFT ENGINES	637 S LUCILE ST	0 - 1/8 WSW	22	41
SIMON GOLUB SONS INC	5506 6TH AVE S	1/8 - 1/4 WSW	E26	45
GREATER SEATTLE FLOORS LLC	5517 6TH AVE S	1/8 - 1/4 WSW	E27	45
ORCAS BUSINESS PARK LLC	650 S ORCAS	1/8 - 1/4 SSW	28	46
VALCO GRAPHICS INC SEATTLE	674 S ORCAS	1/8 - 1/4 SSW	29	46
DHL AIRFREIGHT SEATTLE	707 S ORCAS	1/8 - 1/4 SSW	F30	47
CHARLES H LILLY CO	5200 DENVER AVE S	1/8 - 1/4 WNW	G35	49
GE LIGHTING SEATTLE DISTRIBUTI	549 S DAWSON ST	1/8 - 1/4 WNW	42	52
AMERICAN TECHNICAL COATINGS IN	666 S FIDALGO ST	1/4 - 1/2 SSW	43	52
MOORE DATA MGMT SVCS DIV	725 S FIDALGO ST	1/4 - 1/2 SSW	I46	54
GRAPHIC ARTS CTR THE ALLIED PR	832 S FIDALGO ST	1/4 - 1/2 S	J50	55
BRANOM INSTRUMENT CO INC	5500 4TH AVE S	1/4 - 1/2 W	51	57
NORTHWEST SIGN SUPPLY	5300 4TH AVE S	1/4 - 1/2 W	52	57
DOW CHEMICAL USA MICHIGAN DIV	UNION PACIFIC RR 4TH &	1/4 - 1/2 WNW	K55	59
UNION PACIFIC RAILROAD CO DAW	402 S DAWSON ST	1/4 - 1/2 WNW	K59	60
LEORE VANVALKENBURG TRUST	5200 4TH AVE S	1/4 - 1/2 WNW	K61	60
NAPA AUTO PARTS SEATTLE	5201 4TH AVE	1/4 - 1/2 WNW	K62	61
QUICK START NORTHWEST INC	913 S DORIS	1/4 - 1/2 SSE	L75	65
CONTOUR LAMINATES LPA WASH LTD	5910 CORSON AVE S	1/4 - 1/2 SSE	L76	66
DRAPER MACHINE WORKS INC	5055 4TH AVE S	1/4 - 1/2 WNW	82	68
GEORGETOWN GULL 1228	5959 CORSON AVE S	1/4 - 1/2 SSE	N84	69
ALKI AUTO BODY INC	5958 CORSON AVE S	1/4 - 1/2 SSE	N85	70
ACE RADIATOR	311 S BRANDON ST	1/4 - 1/2 W	86	70
WESTMAR SERVICES INC	5930 6TH AVE S	1/4 - 1/2 SSW	O89	72
AC PROPELLER SERVICE INC	925 S NEBRASKA	1/4 - 1/2 SSE	P90	73
PACIFIC MARINE TESTING CO	5807 4TH AVE S	1/4 - 1/2 SW	Q91	74
WEAR COTE NORTHWEST INC	5811 4TH AVE S	1/4 - 1/2 SW	Q92	74
ART BRASS PLATING	5815 4TH AVE S	1/4 - 1/2 SW	Q94	75
AM INTERNATIONAL	5901 4TH AVE S	1/4 - 1/2 SW	98	76
BLASER DIE CASTING CO	5700 3RD AV S	1/4 - 1/2 WSW	102	78
ALEUTIAN CONSTRUCTORS	5939 4TH AVE S	1/4 - 1/2 SW	U106	80
LAUCKS TESTING LABORATORIES HA	921 S HARNEY ST	1/4 - 1/2 SSE	107	81
FOSTERS SVC CORP	934 S HARNEY ST	1/4 - 1/2 SSE	V108	83
SAHLBERG EQUIPMENT	5950 4TH AVE S	1/4 - 1/2 SW	U110	86
DRESSER RAND	225 S LUCILE ST	1/4 - 1/2 W	111	88
EMERALD CITY FREIGHT DISTRIBUT	6003 6TH AVE S	1/4 - 1/2 SSW	112	90
CAPITAL INDUSTRIES INC	5801 3RD AVE S	1/4 - 1/2 WSW	114	90
BINDERY	215 S BENNETT	1/4 - 1/2 W	W116	93
GENERAL ELECTRIC AVIATION DIV	220 S DAWSON ST	1/4 - 1/2 WNW	X117	93
MCKINSTRY CO 5005	5005 3RD AVE S	1/4 - 1/2 WNW	119	100
SEACAST INC SEATTLE	207 S BENNETT ST	1/4 - 1/2 W	W121	100
BERG EVANS CHAIN CO	217 S FINDLAY ST	1/4 - 1/2 WSW	122	101
FRYER KNOWLES INC	211 S DAWSON ST	1/4 - 1/2 WNW	X126	103
CONTINENTAL INDUSTRIES	222 S ORCAS	1/4 - 1/2 WSW	127	104
MCKINSTRY CO STE B	4975 3RD AVE S STE B	1/4 - 1/2 NW	128	104
TEXACO 121450	6200 CORSON AVE SW	1/4 - 1/2 S	Z131	106
GE AIRCRAFT ENGINES FRONT ST	540 S FRONT ST	1/4 - 1/2 SSW	AA151	115
WESTERN PARCEL EXPRESS SEATTLE	525 S FRONT ST	1/4 - 1/2 SSW	AA153	117
NIVAS BUSSINESS CORP	6100 6TH AVE S	1/4 - 1/2 SSW	155	119

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Lower Elevation	Address	Dist / Dir	Map ID	Page
CLOUGH EQUIPMENT CO S FRONT S	515 S FRONT ST	1/4 - 1/2SSW	AC156	119
MCKINSTRY CO 220 HUDSON	220 S HUDSON ST	1/4 - 1/2WNW	AD157	119
MCKINSTRY CO 215 HUDSON ST	215 S HUDSON ST	1/4 - 1/2WNW	AD159	120
CROWN DELTA ENVIRONMENTAL	792 S MICHIGAN ST	1/4 - 1/2S	161	121
UPS SEATTLE EXPORT	500 S FRONT ST	1/4 - 1/2SSW	AC163	122
NORTHWEST TRUCKING	5001 2ND AVE S	1/4 - 1/2WNW	AD164	122
SCOUGAL RUBBER CORP	6239 CORSON AVE S	1/2 - 1 S	AF166	124
MAC MACHINERY	4239 CORSON AVE S	1/2 - 1 S	AF171	132
GOLDEN GRAIN CO SEATTLE	4715 6TH AVE S	1/2 - 1 NNW	AG172	132
MACHINISTS INC PLANT 1	751 S MICHIGAN ST	1/2 - 1 S	173	133
MOBILE CRANE CO INC	5900 2ND AVE S	1/2 - 1 WSW	AI175	135
FURNITURE SPA INC	126 S FINDLAY ST	1/2 - 1 W	AH179	138
YYK ENTERPRISES INC	610 S ALASKA ST	1/2 - 1 NNW	AG185	141
DRIVE LINE SERVICES OF SEATTLE	108 S BRANDON ST	1/2 - 1 W	AK188	142
ALLIED BATTERY INC S BRANDON	105 S BRANDON ST	1/2 - 1 W	AK189	143
PRIME EQUIPMENT-565	5421 1ST AVE S	1/2 - 1 W	AK191	144
MODINE AFTERMARKET HOLDINGS IN	115 S DAWSON ST	1/2 - 1 WNW	AM192	144
WASHINGTON MACHINE WORKS	5211 1ST AVE S UNIT C D	1/2 - 1 WNW	AM197	147
BIG JOHNS TRUCK REPAIR INC SEA	5622 1/2 1ST AVE S	1/2 - 1 WSW	AO198	148
DONS RADIATOR	5626 1ST AVE S	1/2 - 1 WSW	AO199	148
B & G MACHINE INC	6400 CORSON AVE S	1/2 - 1 S	206	159
WESTERN CARTAGE INC	5050 1ST AVE S	1/2 - 1 WNW	AQ207	159
TEXACO 121430	600 S MICHIGAN	1/2 - 1 SSW	AR209	162
MICHIGAN PROPERTIES	5035 1ST AVE S	1/2 - 1 WNW	AQ212	166
FRAY EQUIPMENT CO	5821 1ST AVE S	1/2 - 1 WSW	AS217	169
NORTHWEST PUMP EQUIPMENT	601 S SNOQUALMIE ST	1/2 - 1 NNW	218	169
EMERALD TOOL INC	6332 6TH S	1/2 - 1 SSW	AR219	169
MILL LOG MARINE INC SEATTLE	6345 6TH AVE S	1/2 - 1 SSW	AR220	171
WEST PAC ENVIRONMENTAL INC	54 S DAWSON ST STE 100	1/2 - 1 WNW	AT222	172
ENVIRONMENTAL TRANSPORT INC	54 S DAWSON ST ENVIRONM	1/2 - 1 WNW	AT223	173
OLYMPIC MEDICAL CORP 1ST AVE S	5900 1ST AVE S	1/2 - 1 WSW	AU224	173
SUDDEN PRINTING	571 S MICHIGAN ST	1/2 - 1 SSW	AV227	175
BECKWITH KUFFEL INC	5930 1ST AVE S	1/2 - 1 WSW	AU228	175
EVERCLEAN INC DBA GAS N WASH	551 S MICHIGAN ST	1/2 - 1 SSW	AV233	180
BYG COOP	74 S HUDSON ST WAREHOUS	1/2 - 1 WNW	AW235	183
BAYSIDE AUTOMOTIVE STORAGE INC	NE COR OF 96TH ST & 10T	1/2 - 1 SSW	236	184
BANK & OFFICE INTERIORS	5990 1ST AVE S	1/2 - 1 WSW	237	184
SES INC WEST PAC ENVIRONMENTAL	74 S HUDSON ST	1/2 - 1 WNW	AW246	190
DAWSON STREET LAND CO	56 S DAWSON ST	1/2 - 1 W	AY247	190
WEST PAC ENVIRONMENTAL	55 S DAWSON ST	1/2 - 1 W	AY250	193
NATIONAL TRANSFER INC	28 S BRANDON ST	1/2 - 1 W	AZ252	194
JAMES HARDIE GYPSUM	5931 E MARGINAL WY S	1/2 - 1 WSW	BC262	198
SAINT GOBAIN CONTAINERS LLC	5801 E MARGINAL WAY S	1/2 - 1 WSW	BA263	200
SEARS 8109	4798 1ST AVE S	1/2 - 1 NW	BD269	208
CHEVRON 90636	5940 E MARGINAL WAY S	1/2 - 1 WSW	BC270	209
LONGVIEW FIBRE CO	5901 E MARGINAL WY S	1/2 - 1 WSW	BB273	211
GLACIER NORTHWEST EAST MARGINA	5975 E MARGINAL WAY S	1/2 - 1 WSW	BF280	217
BUSINESS CARD EXPRESS	6510 5TH AVE S	1/2 - 1 SSW	283	218
FRED HUTCHINSON CANCER RESEARC	4755 1ST AVE S	1/2 - 1 NW	BH288	222
WESTERN WOOD PRODUCTS OF SEATT	6520 5TH AVE S	1/2 - 1 SSW	297	227
ARGO BLOWER & MFG CO INC	5400 E MARGINAL WAY S	1/2 - 1 W	BJ299	227
UNITED MARINE SHIPBUILDING MAR	5055 E MARGINAL WAY	1/2 - 1 W	300	228
NORTH COAST REFRIGERATION INC	5047 COLORADO AVE S	1/2 - 1 WNW	301	228
LIQUID CARBONIC CARBON DIOXIDE	5021 COLORADO AVE S	1/2 - 1 WNW	BM537	290
JACK, JA & SONS INC	5427 OHIO AVE SOUTH	1/2 - 1 W	544	303
RS HUGHES CO INC	6530 5TH PL S	1/2 - 1 SSW	BK550	306

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Lower Elevation	Address	Dist / Dir	Map ID	Page
CONSOLIDATED FREIGHTWAYS SEATT	6050 E MARGINAL WAY S	1/2 - 1 SW	BO553	309
AR TORRICO SONS SHIPPING IN	6335 1ST AVE S	1/2 - 1 SW	570	317
UNITED WESTERN SUPPLY	5245 E MARGINAL WAY S	1/2 - 1 W	BR575	323
BENS TRUCK PARTS INC SEATTLE	6655 CORSON AVE S	1/2 - 1 S	BS582	326
CADMAN SEATTLE INC	5225 E MARGINAL WAY S	1/2 - 1 W	BR584	326
VIOX CORP	6701 6TH AVE S	1/2 - 1 SSW	BT585	327
PRO EXPRESS INC	4800 DENVER AVE S	1/2 - 1 NW	BV588	329
MANSON CONSTRUCTION CO	5209 E MARGINAL WAY S	1/2 - 1 W	BR589	329
LOOMIS FARGO & CO	5200 E MARGINAL WY S	1/2 - 1 W	BW592	330
MASTERMARK	6550 4TH AVE S	1/2 - 1 SSW	595	332
BURGESS ENTERPRISES	6361 1ST AVE S	1/2 - 1 SW	603	335
VIOX MCDOWELL SITE	551 S RIVER ST	1/2 - 1 SSW	BX608	339
ALASKA ST RELOAD & RECYLING	70 S ALASKA ST	1/2 - 1 NW	609	339
LOCKWOOD MARINE INC	6502 E MARGINAL S	1/2 - 1 SSW	BY610	340
GENERAL ELECTRIC CO SEATTLE H	37 S HUDSON ST	1/2 - 1 WNW	611	340
MORTON INTERNATIONAL INC APL	4750 DENVER AVE S	1/2 - 1 NW	614	344
ARROW TRANSPORTATION	6737 CORSON AVE S	1/2 - 1 S	CA621	350
ZEP MFG CO SEATTLE	4700 DENVER ST	1/2 - 1 NW	CD625	353
BIG JOHNS TRUCK REPAIR INC	6533 3RD AVE S	1/2 - 1 SSW	627	353
UNIVERSAL METAL FABRICATORS SE	6553 5TH S	1/2 - 1 SSW	628	355
UNION PACIFIC RR DENVER AVE YA	4700 DENVER AVE S UNDER	1/2 - 1 NW	CD629	355
UNITOR SHIPS SVC LTD	4700 DENVER AVE S SE CO	1/2 - 1 NW	CD633	358
AMERICAN PRESIDENT LINES	4700 DENVER AVE S BETWE	1/2 - 1 NW	CD634	358
UNION PACIFIC RAILROAD ARGO YA	4700 BLK DENVER AVE S	1/2 - 1 NW	CD642	364
TOTEM EQUIPMENT SEATTLE	5000 E MARGINAL WAY S	1/2 - 1 WNW	CG647	368
BLOCH STEEL INDUSTRIES	4580 COLORADO AVE S	1/2 - 1 NW	CH648	369
WESTERN WASHINGTON APPRENT T	6770 E MARGINAL WAY S B	1/2 - 1 SSW	CJ658	375
SPRINGS PRINTING INC	151 S MICHIGAN ST	1/2 - 1 SW	CK659	376
NORTHWEST NUT & BOLT CO	6795 E MARGINAL WAY S	1/2 - 1 SSW	CJ663	378
VACUUM TRUCK SVC INC	220 S RIVER ST	1/2 - 1 SSW	CM667	380
SHULTZ DISTRIBUTING INC MARGIN	6851 E MARGINAL WAY S	1/2 - 1 S	CL674	385
V VAN DYKE INC	150 S RIVER ST	1/2 - 1 SSW	CO679	388
NORTHLAND SERVICES INC FOX AVE	6701 FOX AVE S	1/2 - 1 SSW	CP688	391
USAF WATERPORT LOGISTICS OFFIC	4735 E MARGINAL WY S US	1/2 - 1 WNW	CT703	403
ITT FELEC SVCS INC	4735 E MARGINAL WAY S S	1/2 - 1 WNW	CT704	403
US DOI BIA FEDERAL CENTER S	4735 E MARGINAL WAY S B	1/2 - 1 WNW	CT705	404
WA GA MARGINAL WAY	4735 E MARGINAL WAY S	1/2 - 1 WNW	CT706	404
JONES STEVEDORING INC	4735 E MARGINAL WAY S	1/2 - 1 WNW	CT707	405
FOX BRIGHTON BARREL	FOX AVE S & S BRIGHTON	1/2 - 1 SSW	721	414
WA DNR CORSON AVE SITE HAT BOO	6800 E MARGINAL WAY & C	1/2 - 1 SSE	727	418
USWCOM SEATTLE DUWAMISH CO	7000 E MARGINAL WAY S	1/2 - 1 S	CZ733	423
GREAT WESTERN CHEMICAL CO SEAT	6900 FOX AVE S	1/2 - 1 SSW	DA735	424
BERKLEY CONST INC	4634 E MARGINAL WAY S	1/2 - 1 NW	DB736	432
ANACOMP INC MARGINAL	4634 E MARGINAL WAY S S	1/2 - 1 NW	DB737	433
CASCADE MACHINERY & ELECTRIC I	4600 E MARGINAL WAY S	1/2 - 1 NW	DC743	437
VESSEL JESSIE 282206	4601 DIAGONAL AVE S	1/2 - 1 NW	DC746	439
KING CNTY METRO DUWAMISH PUMP	4501 E MARGINAL WAY S	1/2 - 1 NW	760	448

HMIRS: The Hazardous Materials Incident Report System contains hazardous material spill incidents reported to the Department of Transportation. The source of this database is the U.S. EPA.

A review of the HMIRS list, as provided by EDR, and dated 03/31/2003 has revealed that there are 247

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HMIRS 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>
Not reported	4865 AIRPORT WAY	1/4 - 1/2 N	83	69
Not reported	4455 7TH AVE S	1/2 - 1 N	BL303	229
Not reported	4455 7TH AVE S	1/2 - 1 N	BL304	230
Not reported	4455 7TH AVE S	1/2 - 1 N	BL305	230
Not reported	4455 7TH AVE S	1/2 - 1 N	BL306	230
Not reported	4455 7TH AVE S	1/2 - 1 N	BL308	233
Not reported	4455 7TH AVENUE S	1/2 - 1 N	BL309	233
Not reported	4455 6TH AVE S	1/2 - 1 NNW	310	233
Not reported	4455 7TH AVE S	1/2 - 1 N	BL311	234
Not reported	4455 7TH AVE S	1/2 - 1 N	BL312	234
Not reported	4455 7TH AVE S	1/2 - 1 N	BL313	234
Not reported	4455 7TH AVE S	1/2 - 1 N	BL314	234
Not reported	4455 7TH AVE S	1/2 - 1 N	BL315	235
Not reported	4455 7TH AVE SOUTH	1/2 - 1 N	BL316	235
Not reported	4455 7TH AVE S	1/2 - 1 N	BL317	235
Not reported	4455 7TH AVE S	1/2 - 1 N	BL318	235
Not reported	4455 7TH AVE S	1/2 - 1 N	BL319	236
Not reported	4455 7TH AVE S	1/2 - 1 N	BL320	236
Not reported	4455 7TH AVE S	1/2 - 1 N	BL321	236
Not reported	4455 7TH AVE S	1/2 - 1 N	BL322	236
Not reported	4455 7TH AVE S	1/2 - 1 N	BL323	237
Not reported	4455 7TH AVE S	1/2 - 1 N	BL324	237
Not reported	4455 7TH AVENUE SOUTH	1/2 - 1 N	BL325	237
Not reported	4455 7TH AVE SOUTH	1/2 - 1 N	BL326	237
Not reported	4455 7TH AVE SOUTH	1/2 - 1 N	BL327	238
Not reported	4455 7TH AVE S	1/2 - 1 N	BL328	238
Not reported	4455 7TH AVENUE SOUTH	1/2 - 1 N	BL329	238
Not reported	4455 7TH AVENUE SOUTH	1/2 - 1 N	BL330	238
Not reported	4455 7TH AVE. SOUTH	1/2 - 1 N	BL331	239
Not reported	4455 7TH AVE S	1/2 - 1 N	BL332	239
Not reported	4455 7TH AVE S	1/2 - 1 N	BL333	239
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Not reported	4455 7TH AVE S	1/2 - 1 N	BL341	241
Not reported	4455 7TH AVE SOUTH	1/2 - 1 N	BL342	241
Not reported	4455 7TH AVE SO	1/2 - 1 N	BL343	242
Not reported	4455 7TH AVE S	1/2 - 1 N	BL344	242
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Not reported	4455 7TH AVE S	1/2 - 1 N	BL346	242
Not reported	4455 7TH AVENUE SOUTH	1/2 - 1 N	BL347	243
Not reported	4455 7TH AVE S	1/2 - 1 N	BL348	243
Not reported	4455 7TH AVE SO	1/2 - 1 N	BL349	243
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Not reported	4455 7TH AVE S	1/2 - 1 N	BL351	244
Not reported	4455 7TH AVENUE SOUTH	1/2 - 1 N	BL352	244
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Not reported	4455 7TH AVE S	1/2 - 1 N	BL354	244
Not reported	4455 7TH AVE SO	1/2 - 1 N	BL355	245
Not reported	4455 7TH AVE S	1/2 - 1 N	BL356	245
Not reported	4455 7TH AVE S	1/2 - 1 N	BL357	245

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<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	4455 7TH AVE S	1/2 - 1 N	BL358	245
Not reported	4455 7TH AVE S	1/2 - 1 N	BL359	246
Not reported	4455 7TH AVE S	1/2 - 1 N	BL360	246
Not reported	4455 7TH AVE SO	1/2 - 1 N	BL361	246
Not reported	4455 7TH AVE SO	1/2 - 1 N	BL362	246
Not reported	4455 7TH AVENUE SOUTH	1/2 - 1 N	BL363	247
Not reported	4455 7TH AVE S	1/2 - 1 N	BL364	247
Not reported	4455 7TH AVE S	1/2 - 1 N	BL365	247
Not reported	4455 7TH AVE S	1/2 - 1 N	BL366	247
Not reported	4455 7TH AVE S	1/2 - 1 N	BL367	248
Not reported	4455 7TH AVE S	1/2 - 1 N	BL368	248
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Not reported	4455 7TH AVE S	1/2 - 1 N	BL372	249
Not reported	4455 7 AVE SOUTH	1/2 - 1 N	BL373	249
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Not reported	4455 7TH AVE SO	1/2 - 1 N	BL407	258
Not reported	4455 7TH AVE S	1/2 - 1 N	BL408	258
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Not reported	4455 7TH AVE S	1/2 - 1 N	BL412	259
Not reported	4455 7TH AVE S	1/2 - 1 N	BL413	259

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<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	4455 7TH AVE S	1/2 - 1 N	BL414	259
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Not reported	4455 7TH AVE S	1/2 - 1 N	BL416	260
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Not reported	4455 7TH AVE SOUTH	1/2 - 1 N	BL418	260
Not reported	4455 7TH AVE S	1/2 - 1 N	BL419	261
Not reported	4455 7TH AVE SOUTH	1/2 - 1 N	BL420	261
Not reported	4455 7TH AVE S	1/2 - 1 N	BL421	261
Not reported	4455 7TH AVE S	1/2 - 1 N	BL422	261
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Not reported	4455 7TH AVE S	1/2 - 1 N	BL424	262
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Not reported	4455 7TH AVE SO	1/2 - 1 N	BL429	263
Not reported	4455 7TH AVE S	1/2 - 1 N	BL430	263
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Not reported	4455 7TH AVE S	1/2 - 1 N	BL443	267
Not reported	4455 7TH AVE S	1/2 - 1 N	BL444	267
Not reported	4455 7TH AVE S	1/2 - 1 N	BL445	267
Not reported	4455 7TH AVE S	1/2 - 1 N	BL446	267
Not reported	4455 7TH AVE. S	1/2 - 1 N	BL447	268
Not reported	4455 7TH AVE S.	1/2 - 1 N	BL448	268
Not reported	4455 7TH AVE S	1/2 - 1 N	BL449	268
Not reported	4455 7TH AVE S	1/2 - 1 N	BL450	268
Not reported	4455 7TH AVE S	1/2 - 1 N	BL451	269
Not reported	4455 7TH AVE S	1/2 - 1 N	BL452	269
Not reported	4455 7TH AVE S 98108	1/2 - 1 N	BL453	269
Not reported	4455 7TH AVE S	1/2 - 1 N	BL454	269
Not reported	4455 7TH AVE S	1/2 - 1 N	BL455	270
Not reported	4455 7TH AVE S	1/2 - 1 N	BL456	270
Not reported	4455 7TH AVE S.	1/2 - 1 N	BL457	270
Not reported	4455 7TH AVE S	1/2 - 1 N	BL458	270
Not reported	4455 7TH AVENUE SOUTH	1/2 - 1 N	BL459	271
Not reported	4455 7TH AVENUE SOUTH	1/2 - 1 N	BL460	271
Not reported	4455 7TH AVE S	1/2 - 1 N	BL461	271
Not reported	4455 7TH AVE S	1/2 - 1 N	BL462	271
Not reported	4455 7TH AVE S	1/2 - 1 N	BL463	272
Not reported	4455 7TH AVENUE S	1/2 - 1 N	BL464	272
Not reported	4455 7TH AVENUE SOUTH	1/2 - 1 N	BL465	272
Not reported	4455 7TH AVENUE SOUTH	1/2 - 1 N	BL466	272
Not reported	4455 7TH AVENUE SOUTH	1/2 - 1 N	BL467	273
Not reported	4455 7TH AVE SOUTH	1/2 - 1 N	BL468	273
Not reported	4455 7TH AVE S	1/2 - 1 N	BL469	273

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	4455 7TH AVE S	1/2 - 1 N	BL470	273
Not reported	4455 7TH AVE S	1/2 - 1 N	BL471	274
Not reported	4455 7TH AVE S	1/2 - 1 N	BL472	274
Not reported	4455 7TH AVE S	1/2 - 1 N	BL473	274
Not reported	4455 7TH AVE S	1/2 - 1 N	BL474	274
Not reported	4455 7TH AVE S	1/2 - 1 N	BL475	275
Not reported	4455 7TH AVE S	1/2 - 1 N	BL476	275
Not reported	4455 7TH AVE S.	1/2 - 1 N	BL477	275
Not reported	4455 7TH AVE S.	1/2 - 1 N	BL478	275
Not reported	4455 7TH AVE S	1/2 - 1 N	BL479	276
Not reported	4455 7TH AVE S	1/2 - 1 N	BL480	276
Not reported	4455 7TH AVE SOUTH	1/2 - 1 N	BL481	276
Not reported	4455 7TH AVENUE SOUTH	1/2 - 1 N	BL482	276
Not reported	4455 7TH AVE SO	1/2 - 1 N	BL483	277
Not reported	4455 7TH AVE S	1/2 - 1 N	BL484	277
Not reported	4455 7TH AVE S	1/2 - 1 N	BL485	277
Not reported	4455 7TH AVE S	1/2 - 1 N	BL486	277
Not reported	4455 7TH AVE S	1/2 - 1 N	BL487	278
Not reported	4455 7TH AVE SO	1/2 - 1 N	BL488	278
Not reported	4455 7TH AVE SOUTH	1/2 - 1 N	BL489	278
Not reported	4455 7TH AVE S	1/2 - 1 N	BL490	278
Not reported	4455 7TH AVE SO	1/2 - 1 N	BL491	279
Not reported	4455 7TH AVE SOUTH	1/2 - 1 N	BL492	279
Not reported	4455 7TH AVENUE S	1/2 - 1 N	BL493	279
Not reported	4455 7TH AVE S	1/2 - 1 N	BL494	279
Not reported	4455 7TH AVENU SOUTH	1/2 - 1 N	BL495	280
Not reported	4455 7TH AV S SEATTLE	1/2 - 1 N	BL496	280
Not reported	4455 7TH AVE SO	1/2 - 1 N	BL497	280
Not reported	4455 7TH AVE S	1/2 - 1 N	BL498	280
Not reported	4455 7TH AVE S	1/2 - 1 N	BL499	281
Not reported	4455 7TH AVE S	1/2 - 1 N	BL500	281
Not reported	4455 7TH AVE S	1/2 - 1 N	BL501	281
Not reported	4455 7TH AVE S	1/2 - 1 N	BL502	281
Not reported	4455 7TH AVE S	1/2 - 1 N	BL503	282
Not reported	4455 7TH AVE SOUTH	1/2 - 1 N	BL504	282
Not reported	4455 7TH AVE S	1/2 - 1 N	BL505	282
Not reported	4455 7TH AVE SO SEATTLE	1/2 - 1 N	BL506	282
Not reported	4455 7TH AVE S	1/2 - 1 N	BL507	283
Not reported	4455 7TH AVENUE SOUTH	1/2 - 1 N	BL508	283
Not reported	4455 7TH AVE S	1/2 - 1 N	BL509	283
Not reported	4455 7TH AVE S	1/2 - 1 N	BL510	283
Not reported	4455 7TH AVE SO	1/2 - 1 N	BL511	284
Not reported	4455 7TH AVE SOUTH	1/2 - 1 N	BL512	284
Not reported	4455 7TH AVE S	1/2 - 1 N	BL513	284
Not reported	4455 7TH AVE S	1/2 - 1 N	BL514	284
Not reported	4455 7TH AVE S	1/2 - 1 N	BL515	285
Not reported	4455 7TH AVE SO	1/2 - 1 N	BL516	285
Not reported	4455 7TH AVE SOUTH	1/2 - 1 N	BL517	285
Not reported	4455 7TH AVE SOUTH	1/2 - 1 N	BL518	285
Not reported	4455 7TH AVE S	1/2 - 1 N	BL519	286
Not reported	4455 7TH AVE SO	1/2 - 1 N	BL520	286
Not reported	4455 7TH AVE S	1/2 - 1 N	BL521	286
Not reported	4455 7TH AVE SOUTH	1/2 - 1 N	BL522	286
Not reported	4455 7TH AVE S	1/2 - 1 N	BL523	287
Not reported	4455 7TH AVE S	1/2 - 1 N	BL524	287
Not reported	4455 7TH AVE. S	1/2 - 1 N	BL525	287

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	4455 7TH AVE SO	1/2 - 1 N	BL526	287
Not reported	4455 7TH AVE SO	1/2 - 1 N	BL527	288
Not reported	4455 7TH AVE S	1/2 - 1 N	BL528	288
Not reported	4455 7TH AVE S	1/2 - 1 N	BL529	288
Not reported	4455 7TH AVENUE S	1/2 - 1 N	BL530	288
Not reported	4455 7TH AVE S	1/2 - 1 N	BL531	289
Not reported	4455 7TH AVENUE S	1/2 - 1 N	BL532	289
Not reported	4455 7TH AVE SO	1/2 - 1 N	BL533	289
Not reported	4455 7TH AVENUE S	1/2 - 1 N	BL534	289
Not reported	4455 7TH AVE SOUTH	1/2 - 1 N	BL535	290
Not reported	4455 7TH AVENUE SOUTH	1/2 - 1 N	BL536	290

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	6050 E MARGINAL WAY S	1/2 - 1 SW	BO555	313
Not reported	6050 E MARGINAL WY SO	1/2 - 1 SW	BO556	313
Not reported	6050 E MARGINAL WAY S	1/2 - 1 SW	BO557	313
Not reported	6050 E MARGINAL WY S	1/2 - 1 SW	BO559	314
Not reported	6050 E MARGINAL WAY SO	1/2 - 1 SW	BO560	314
Not reported	6050 E MARGINAL WY S	1/2 - 1 SW	BO561	314
Not reported	6050 E MARGINAL WY S	1/2 - 1 SW	BO562	315
Not reported	6050 E MARGINAL WY S	1/2 - 1 SW	BO563	315
Not reported	6050 E MARGINAL WY S	1/2 - 1 SW	BO564	315
Not reported	6050 E MARGINAL WY S	1/2 - 1 SW	BO565	315
Not reported	6050 E MARGINAL WAY S	1/2 - 1 SW	BO566	316
Not reported	6050 E MARGINAL WAY SO	1/2 - 1 SW	BO568	316
Not reported	6050 E MARGINAL WY S	1/2 - 1 SW	BO569	316

MLTS: The Material Licensing Tracking System is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and are subject to NRC licensing requirements.

A review of the MLTS list, as provided by EDR, and dated 04/23/2003 has revealed that there is 1 MLTS site 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>
V. A., DEPARTMENT OF	1660 SOUTH COLUMBIAN WA	1/2 - 1 NE	CF643	366

PADS: The PCB Activity Database identifies generators, transporters, commercial storers and/or brokers and disposers of PCBs who are required to notify the United States Environmental Protection Agency of such activities. The source of this database is the U.S. EPA.

A review of the PADS list, as provided by EDR, and dated 06/30/2003 has revealed that there are 2 PADS 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>
TOTAL RECLAIM INC ECOLIGHTS NW	4400 4TH AVE S	1/2 - 1 NNW	BU604	335
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WEST PAC ENVIRONMENTAL	55 S DAWSON ST	1/2 - 1 W	AY250	193

EXECUTIVE SUMMARY

TRIS: The Toxic Chemical Release Inventory System identifies facilities that release toxic chemicals to the air, water, and land in reportable quantities under SARA Title III, Section 313. The source of this database is the U.S. EPA.

A review of the TRIS list, as provided by EDR, and dated 12/31/2001 has revealed that there are 5 TRIS 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>
KELLY MOORE PRESERVATIVE PAINT	5410 AIRPORT WAY S	0 - 1/8 ESE	B15	29
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MODINE AFTERMARKET HOLDINGS IN	115 S DAWSON ST	1/2 - 1 WNW	AM192	144
SAINT GOBAIN CONTAINERS LLC	5801 E MARGINAL WAY S	1/2 - 1 WSW	BA263	200
GLACIER NORTHWEST INC. EAST MA	5975 E. MARGINAL WAY S.	1/2 - 1 WSW	BF279	217
VIQX CORP	6701 6TH AVE S.	1/2 - 1 SSW	BT585	327

TSCA: The Toxic Substances Control Act 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. The United States Environmental Protection Agency has no current plan to update and/or re-issue this database.

A review of the TSCA list, as provided by EDR, and dated 12/31/1998 has revealed that there is 1 TSCA site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SEATTLE BRANCH	6900 FOX AVENUE SOUTH	1/2 - 1 SSW	DA738	433

SSTS: Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

A review of the SSTS list, as provided by EDR, and dated 12/31/2000 has revealed that there are 4 SSTS 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>
AUTO CHLOR SYSTEM OF SEATTLE	4315 SEVENTH AVE S	1/2 - 1 N	CC617	346
AUTO-CHLOR SYSTEM OF SEATTLE	4315 7TH AVENUE SOUTH	1/2 - 1 N	CC618	349
MOUNTAIN SAFETY RESEARCH INC	4225 2ND AVE S.	1/2 - 1 NNW	CY732	423
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CHAS. H. LILLY CO	5200 DENVER AVENUE SOUT	1/8 - 1/4 WNW	G34	49

FTTS: FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous

EXECUTIVE SUMMARY

five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

A review of the FTTS list, as provided by EDR, and dated 04/15/2003 has revealed that there are 11 FTTS 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>
PIONEER PORCELAIN ENAMEL CO IN JOHN E MAURER	5531 AIRPORT WAY S 6014 12TH AVE S	1/8 - 1/4 SE 1/4 - 1/2 SE	D24 Y130	44 106
AUTO CHLOR SYSTEM OF SEATTLE	4315 SEVENTH AVE S	1/2 - 1 N	CC617	346
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
AMALGAMATED SUGAR	5400 DENVER AVE	0 - 1/8 W	C17	39
CONTOUR LAMINATES	5910 CORSON AVE S	1/4 - 1/2 SSE	78	67
CAPITAL INDUSTRIES INC	5801 3RD AVE S	1/4 - 1/2 WSW	114	90
NORTHWEST TRUCKING	5001 2ND AVE S	1/4 - 1/2 WNW	AD164	122
SCOUGAL RUBBER	6239 CORSON AVE S	1/2 - 1 S	AF167	129
BALL INCON INC	5801 E MARGINAL WAY S	1/2 - 1 WSW	BA265	205
USGSA FEDERAL CTR S	4735 E MARGINAL WAY S	1/2 - 1 WNW	CQ693	395
GREAT WESTERN CHEMICAL CO SEAT	6900 FOX AVE S	1/2 - 1 SSW	DA734	423

STATE OR LOCAL ASTM SUPPLEMENTAL

CSCSL NFA: The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead a No Further Action code is entered based upon the type of NFA determination the site received.

A review of the CSCSL NFA list, as provided by EDR, and dated 07/25/2003 has revealed that there are 19 CSCSL NFA 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>
SEATTLE COMMERCIAL FINISHING	5700 CORSON AV S	1/8 - 1/4 SSE	41	51
CONSOLIDATED FREIGHTWAYS S EDM	655 S EDMUNDS ST	1/4 - 1/2 NNW	S99	77
SONS OF ITALY CHEVRON 9-3189	5337 15TH AVE S	1/4 - 1/2 E	125	102
KING CNTY AIRPORT MAINTENANCE	6518 ELLIS AVE S	1/2 - 1 SSE	BQ574	320
FLINT INK CORP SEATTLE	655 S ANDOVER ST	1/2 - 1 N	DE751	442
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ACE RADIATOR	311 S BRANDON ST	1/4 - 1/2 W	86	70
WESTERN PARCEL EXPRESS SEATTLE	525 S FRONT ST	1/4 - 1/2 SSW	AA153	117
MOBILE CRANE CO INC	5900 2ND AVE S	1/2 - 1 WSW	A1175	135
DRIVE LINE SERVICES OF SEATTLE	108 S BRANDON ST	1/2 - 1 W	AK182	140
CRAIG TAYLOR EQUIPMENT	5030 1ST AVE S	1/2 - 1 WNW	AQ213	166
OTT REAL ESTATE PROPERTY	5903 1ST AV S	1/2 - 1 WSW	AU225	174
MASTER BUILDERS	64 S LUCILE ST	1/2 - 1 W	229	176
FRED HUTCHINSON CANCER RESEARC	4755 1ST AVE S	1/2 - 1 NW	BH288	222
LIQUID CARBONIC CARBON DIOXIDE	5021 COLORADO AVE S	1/2 - 1 WNW	BM537	290
BENS TRUCK PARTS INC SEATTLE	6655 CORSON AVE S	1/2 - 1 S	BS582	326
VIOX CORP	6701 6TH AVE S	1/2 - 1 SSW	BT585	327
VIOX MCDOWELL SITE	551 S RIVER ST	1/2 - 1 SSW	BX608	339
INLAND TRANSPORTATION CO	6737 CORSON S	1/2 - 1 S	CA622	351
BLOCH STEEL INDUSTRIES	4580 COLORADO AVE S	1/2 - 1 NW	CH648	369

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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 89 WA ICR 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>
KELLY MOORE PRESERVATIVE PAINT	5410 AIRPORT WAY S	0 - 1/8 ESE	B15	29
CONSOLIDATED FREIGHTWAYS	655 S. EDMUNDS	1/4 - 1/2 NNW	S101	78
SONS OF ITALY CHEVRON 9-3189	5337 15TH AVE S	1/4 - 1/2 E	125	102
TEXACO	6235 AIRPORT WAY S.	1/2 - 1 SE	AX239	186
RUSSO NURSERY	6404 ELLIS AVE. S.	1/2 - 1 SSE	BG282	218
UPS SEATTLE HUB	4455 7TH AVE S THE HUB	1/2 - 1 N	BL307	230
NORTH COAST CHEMICAL PLANT	6300 17TH AVENUE SOUTH	1/2 - 1 SE	BN546	303
ZELLERBACK PAPER COMPANY	6301 AIRPORT WAY S.	1/2 - 1 SE	BP572	318
KING COUNTY AIRPORT	6518 ELLIS AVE	1/2 - 1 SSE	BQ573	318
RICCHIAZZI INDUSTRIAL BUILDING	4424/4500 4TH AVE. S.	1/2 - 1 NNW	BU587	328
SEATTLE VA MEDICAL CENTER	1660 S. COLUMBIA WAY	1/2 - 1 NE	CF640	362
AIR NATIONAL GUARD - NORTH BOE	6736 ELLIS AVE. E.	1/2 - 1 SSE	CI654	374
SEATTLE AIR NATIONAL GUARD	6736 ELLIS AVE. S.	1/2 - 1 SSE	CI655	374
PUGET SOUND ENERGY	6349 18TH AVE SOUTH	1/2 - 1 SE	661	377
SUNNY JIM FOODS (FORMER) (TWO)	4200 AIRPORT WAY S.	1/2 - 1 N	CN669	381
PUGET SOUND ENERGY	6500 URSULA AVE. S.	1/2 - 1 SE	670	382
GARFIELD HIGH SCHOOL/SEATTLE S	4141 4TH AVE. S.	1/2 - 1 NNW	CS702	402
GOLDEN GRAIN SEATTLE DISTRIBUT	4100 4TH AVE S	1/2 - 1 NNW	CS708	405
GULL #0219	4115 1/2 4TH AVE. S.	1/2 - 1 NNW	CS713	408
WASHINGTON INDUSTRIES/NORTHWES	825 S. DAKOTA	1/2 - 1 N	CV719	412
WASHINGTON TRUCKING ASSOC	4101 4TH AVE S	1/2 - 1 NNW	722	414
WESTERN FLEET SUPPLY	620 S. DAKOTA ST.	1/2 - 1 N	725	417
CAMCAL CO., INC.	4000 AIRPORT WAY S.	1/2 - 1 N	DD748	440
SINCLAIR AND VALENTINE CO INC	655 SOUTH ANDOVER STREE	1/2 - 1 N	DE750	441
UNITED MOTOR FREIGHT	4103 2ND AVE. S.	1/2 - 1 NNW	DG758	447
Lower Elevation				
SEATTLE CITY LIGHT	7TH / FIDALGO	1/4 - 1/2 SSW	I44	53
UNION PACIFIC RAILROAD	420 S. DAWSON	1/4 - 1/2 WNW	K53	57
UNION PACIFIC RAILROAD DIESEL	402 S. DAWSON ST.	1/4 - 1/2 WNW	K63	61
DRAPER MACHINE WORKS INC	5055 4TH AVE S	1/4 - 1/2 WNW	82	68
GEORGETOWN GULL #1228	5959 CORSON AVENUE SOUT	1/4 - 1/2 SSE	N87	71
SAHLBERG EQUIPMENT	5950 4TH AVE S	1/4 - 1/2 SW	U110	86
GENERAL ELECTRIC AVIATION DIV	220 S DAWSON ST	1/4 - 1/2 WNW	X117	93
SHELL/TEXACO #121450	6200 CORSON AVE. S.	1/4 - 1/2 S	Z132	107
SHELL/TEXACO #121450	6200 CORSON AVE. S.	1/4 - 1/2 S	Z133	107
SHELL/TEXACO #121450	6200 CORSON AVE. S.	1/4 - 1/2 S	Z134	108
SHELL/TEXACO #121450	6200 CORSON AVE. S.	1/4 - 1/2 S	Z135	108
SHELL/TEXACO #121450	6200 CORSON AVE. S.	1/4 - 1/2 S	Z136	108
SHELL/TEXACO #121450	6200 CORSON AVE. S.	1/4 - 1/2 S	Z137	109
SHELL/TEXACO #121450	6200 CORSON AVE. S.	1/4 - 1/2 S	Z138	109
SHELL/TEXACO #121450	6200 CORSON AVE. S.	1/4 - 1/2 S	Z139	109
SHELL/TEXACO #121450	6200 CORSON AVE. S.	1/4 - 1/2 S	Z140	110
SHELL/TEXACO #121450	6200 CORSON AVE. S.	1/4 - 1/2 S	Z142	112
SHELL/TEXACO #121450	6200 CORSON AVE. S.	1/4 - 1/2 S	Z143	113
SHELL/TEXACO #121450	6200 CORSON AVE. S.	1/4 - 1/2 S	Z144	113
SHELL/TEXACO #121450	6200 CORSON AVE. S.	1/4 - 1/2 S	Z145	113
SHELL/TEXACO #121450	6200 CORSON AVE. S.	1/4 - 1/2 S	Z146	114
SHELL/TEXACO #121450	6200 CORSON AVE. S.	1/4 - 1/2 S	Z147	114
SHELL/TEXACO #121450	6200 CORSON AVE. S.	1/4 - 1/2 S	Z148	114

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<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SHELL/TEXACO #121450	6200 CORSON AVE. S.	1/4 - 1/2 S	Z149	115
SHELL/TEXACO #121450	6200 CORSON AVE. S.	1/4 - 1/2 S	Z150	115
WESTERN PARCEL EXPRESS SEATTLE	525 S FRONT ST	1/4 - 1/2 SSW	AA153	117
SCOUGAL RUBBER CORP	6239 CORSON AVE S	1/2 - 1 S	AF166	124
MOBILE CRANE CO INC	5900 2ND AVE S	1/2 - 1 WSW	AI175	135
STEAM SUPPLY AND RUBBER	615 S. ALASKA ST.	1/2 - 1 NNW	AG181	140
MCWILLIAMS PROPERTY/TEXACO	5304 1ST AVE. S.	1/2 - 1 W	AN195	146
TEXACO (TWO REPORTS)	5303 1ST AVE. S.	1/2 - 1 W	AN196	147
PTL PARTNERSHIP	6314 7TH S	1/2 - 1 S	201	150
AIR TEC COMPANY	5701 1ST AVE SOUTH	1/2 - 1 WSW	202	152
TEXACO 121430	600 S MICHIGAN	1/2 - 1 SSW	AR209	162
CRAIG TAYLOR EQUIPMENT	5030 1ST AVE. S.	1/2 - 1 WNW	AQ214	166
GAS N WASH	551 S. MICHIGAN ST.	1/2 - 1 SSW	AV234	181
S.E.S. INC.	80 S. HUDSON ST.	1/2 - 1 WNW	AW243	188
DAWSON STREET LAND CO	56 S DAWSON ST	1/2 - 1 W	AY247	190
NATIONAL TRANSFER INC.	28 S. BRANDON ST.	1/2 - 1 W	AZ251	194
CHEVRON #0636	5940 E. MARGINAL WAY	1/2 - 1 W	257	196
BALL INCON	5801 E. MARGINAL WAY S.	1/2 - 1 WSW	BA267	208
LONGVIEW FIBRE COMPANY	5901 E MARGINAL WAY S	1/2 - 1 WSW	BB272	209
LONGVIEW FIBRE CO	5901 E MARGINAL WY S	1/2 - 1 WSW	BB273	211
JAMES HARDIE GYPSUM	5931 E. MARGINAL WAY S.	1/2 - 1 WSW	BC278	216
METAL GOOD SERVICE CENTER	4755 1ST AVE. S.	1/2 - 1 NW	BH285	221
METAL GOOD SERVICE CENTER (TWO)	4755 1ST AVE. S.	1/2 - 1 NW	BH287	222
LIQUID CARBONIC CARBON DIOXIDE	5021 COLORADO AVE S	1/2 - 1 WNW	BM537	290
CONSOLIDATED FREIGHTWAYS SEATT	6050 E MARGINAL WAY S	1/2 - 1 SW	BO553	309
ARROW TRANSPORTATION	6655 CORSON AVE. S.	1/2 - 1 S	BS580	325
VIOX CORPORATION	6701 6TH AVE. S.	1/2 - 1 SSW	BT586	328
LOOMIS ARMORED TRANSPORT	5200 E. MARGINAL WAY S.	1/2 - 1 W	BW593	331
UNION PACIFIC RAILROAD	4800 DENVER AVE. S.	1/2 - 1 NW	BV597	333
FRANK'S USED CARS	6305 E. MARGINAL WAY S.	1/2 - 1 SW	BZ612	341
ARROW TRANSPORTATION	6737 CORSON AVE S	1/2 - 1 S	CA621	350
UNION PACIFIC RAILROAD ARGO YA	4700 BLK DENVER AVE S	1/2 - 1 NW	CD642	364
BLOCH STEEL	4580 COLORADO S.	1/2 - 1 NW	CH649	370
CARMODY PROPERTY - FORMER TR	220 S. RIVER ST.	1/2 - 1 SSW	CM672	383
US ARMY CORPS OF ENGINEERS	4735 E. MARGINAL WAY S.	1/2 - 1 WNW	CQ692	394
NORTHWEST CONTAINER SERVICES	E. MARGINAL WAY S. /	1/2 - 1 S	698	401
WASHINGTON FISH AND OYSTER COM	4660 E. MARGINAL WAY S.	1/2 - 1 WNW	CW718	411
DNR	6715,6737 CORSON AVE. S	1/2 - 1 S	726	418
CHEVRON #4097	4525 DIAGONAL AVE. S.	1/2 - 1 NW	CX729	421
GREAT WESTERN CHEMICAL CO SEAT	6900 FOX AVE S	1/2 - 1 SSW	DA735	424
CASCADE MACHINERY & ELECTRIC	4600 E. MARGINAL WAY S.	1/2 - 1 NW	DC742	436

SPILLS: 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.

A review of the SPILLS list, as provided by EDR, and dated 07/14/2003 has revealed that there are 46 SPILLS 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>
Not reported	5628 AIRPORT WY S	1/8 - 1/4 SE	36	49
Not reported	945 SO DORIS ST	1/4 - 1/2 SSE	M79	67
Not reported	950 S NEBRASKA ST	1/4 - 1/2 SSE	R96	76
Not reported	6111 12TH AVE S	1/4 - 1/2 SSE	158	120

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	6249 FLORA AVE SO	1/2 - 1 SSE	AL186	142
Not reported	6706 FLORA AVE S	1/2 - 1 S	626	353
Not reported	1660 SOUTH COLUMBIAN WA	1/2 - 1 NE	CF645	366
Not reported	524 SW ANDOVER ST	1/2 - 1 NNW	759	448
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	5300 DENVER AVE S	1/8 - 1/4 WNW	25	45
Not reported	707 S ORCAS ST	1/8 - 1/4 SSW	F31	47
Not reported	402 S DAWSON ST	1/4 - 1/2 WNW	K64	62
Not reported	402 S DAWSON ST	1/4 - 1/2 WNW	K65	62
Not reported	402 S DAWSON ST	1/4 - 1/2 WNW	K66	62
Not reported	402 S DAWSON ST, ARGO R	1/4 - 1/2 WNW	K67	63
Not reported	402 S DAWSON	1/4 - 1/2 WNW	K68	63
Not reported	402 DAWSON ST	1/4 - 1/2 WNW	K69	63
Not reported	402 SOUTH DAWSON ST	1/4 - 1/2 WNW	K70	64
Not reported	402 SO DAWSON	1/4 - 1/2 WNW	K71	64
Not reported	402 S DAWSON	1/4 - 1/2 WNW	K72	64
Not reported	402 S DAWSON ST	1/4 - 1/2 WNW	K73	65
Not reported	401 S DAWSON, UNION PAC	1/4 - 1/2 WNW	K74	65
ACE RADIATOR	311 S BRANDON ST	1/4 - 1/2 W	86	70
TEXACO STATION #63-232-0400	6200 CORSON AVE S	1/4 - 1/2 S	Z141	110
Not reported	6TH AVE SO / SO MICH	1/2 - 1 SSW	AR210	165
Not reported	600 S MICHIGAN	1/2 - 1 SSW	AR211	165
JAMES HARDIE GYPSUM	5931 E MARGINAL WAY SO	1/2 - 1 WSW	BC277	215
Not reported	4755 1ST AVE S	1/2 - 1 NW	BH286	221
Not reported	5975 E MARGINAL WAY S	1/2 - 1 SW	BF291	225
Not reported	5975 EAST MARGINAL WAY,	1/2 - 1 SW	BF292	225
Not reported	6505 5TH PLACE SOUTH	1/2 - 1 SSW	BK298	227
Not reported	6545 5TH AVE SO	1/2 - 1 SSW	551	307
Not reported	6655 CORSON AVE SOUTH	1/2 - 1 S	BS583	326
Not reported	5209 E. MARGINAL WAY S	1/2 - 1 W	BW601	334
Not reported	5209 E MARGINAL WAY S,	1/2 - 1 W	BW602	335
Not reported	6365 1ST AVE S	1/2 - 1 SW	CE630	356
Not reported	5000 EAST MARGINAL WAY	1/2 - 1 WNW	CG637	361
Not reported	5000 E MARGINAL WAY	1/2 - 1 WNW	CG638	362
LEO FIX TRANSFER & STORAGE CO	4700 DENVER AVE SOUTH	1/2 - 1 NW	CD641	363
BLOCH STEEL INDUSTRIES	4580 COLORADO AVE S	1/2 - 1 NW	CH648	369
Not reported	303 S RIVER ST	1/2 - 1 SSW	656	374
Not reported	6701 FOX AVE SO	1/2 - 1 SSW	CP683	390
Not reported	6701 FOX AVE SOUTH	1/2 - 1 SSW	CP686	391
SEATTLE YARD	60 DIAGONAL SOUTH	1/2 - 1 NW	CR697	400
Not reported	122 RIVER ST	1/2 - 1 SSW	CU709	406
Not reported	6937 ELLIS AVE	1/2 - 1 S	747	440
Not reported	3429 COLORADO AVE S	1/2 - 1 NW	756	446

Wa Air Emissions: State of Washington, Department of Ecology, Washington Emissions Data System.

A review of the EMI list, as provided by EDR, has revealed that there are 2 EMI sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SAINT GOBAIN CONTAINERS LLC	5801 E MARGINAL WAY S	1/2 - 1 WSW	BA263	200
BALL-FOSTER GLASS CONTAINER CO	5801 E MARGINAL WY S	1/2 - 1 WSW	BA266	206

EXECUTIVE SUMMARY

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

A review of the Coal Gas list, as provided by EDR, has revealed that there is 1 Coal Gas site 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>
SEATTLE LIGHTING CO. (GAS HOLD	6300 BLOCK SWIFT AVE.	1/2 - 1 SE	664	379

BROWNFIELDS DATABASES

VCP: Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

A review of the VCP list, as provided by EDR, and dated 08/19/2003 has revealed that there are 16 VCP sites within approximately 1 mile of the target property.

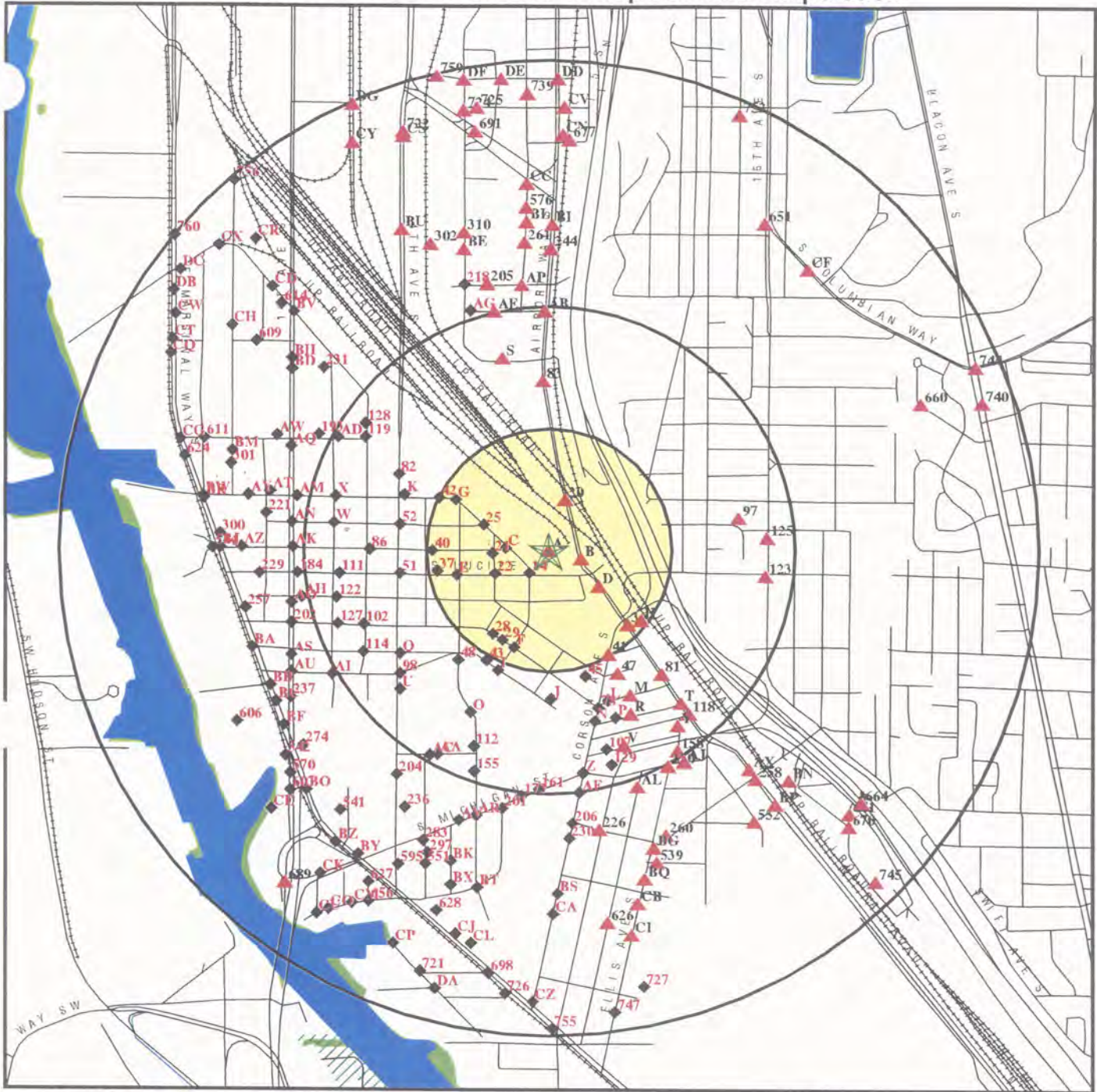
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>FEDERAL EXPRESS CORP BFIA</i>	<i>651 S ALASKA ST</i>	<i>1/2 - 1 NNW</i>	<i>AE165</i>	<i>123</i>
<i>WASHINGTON TRUCKING ASSOC</i>	<i>4101 4TH AVE S</i>	<i>1/2 - 1 NNW</i>	<i>722</i>	<i>414</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>GEORGETOWN CENTER</i>	<i>NW CORNER OF CORSON AVE</i>	<i>1/4 - 1/2 SSE</i>	<i>129</i>	<i>105</i>
<i>WESTERN PARCEL EXPRESS SEATTLE</i>	<i>525 S FRONT ST</i>	<i>1/4 - 1/2 SSW</i>	<i>AA153</i>	<i>117</i>
<i>SCOUGAL RUBBER CORP</i>	<i>6239 CORSON AVE S</i>	<i>1/2 - 1 S</i>	<i>AF166</i>	<i>124</i>
<i>MOBILE CRANE CO INC</i>	<i>5900 2ND AVE S</i>	<i>1/2 - 1 WSW</i>	<i>AI175</i>	<i>135</i>
<i>ALASKA STREET PROPERTY</i>	<i>615 S ALASKA ST</i>	<i>1/2 - 1 NNW</i>	<i>AG180</i>	<i>138</i>
<i>AIR TEC COMPANY</i>	<i>5701 1ST AVE SOUTH</i>	<i>1/2 - 1 WSW</i>	<i>202</i>	<i>152</i>
<i>EVERCLEAN INC DBA GAS N WASH</i>	<i>551 S MICHIGAN ST</i>	<i>1/2 - 1 SSW</i>	<i>AV233</i>	<i>180</i>
<i>Not reported</i>	<i>4755 1ST AVE S</i>	<i>1/2 - 1 NW</i>	<i>BH286</i>	<i>221</i>
<i>CONSOLIDATED FREIGHTWAYS SEATT</i>	<i>6050 E MARGINAL WAY S</i>	<i>1/2 - 1 SW</i>	<i>BO553</i>	<i>309</i>
<i>VIOX CORP</i>	<i>6701 6TH AVE S</i>	<i>1/2 - 1 SSW</i>	<i>BT585</i>	<i>327</i>
<i>VIOX MCDOWELL SITE</i>	<i>551 S RIVER ST</i>	<i>1/2 - 1 SSW</i>	<i>BX608</i>	<i>339</i>
<i>BIG JOHNS TRUCK REPAIR INC</i>	<i>6533 3RD AVE S</i>	<i>1/2 - 1 SSW</i>	<i>627</i>	<i>353</i>
<i>DUWAMISH MARINE CENTER</i>	<i>6365 1ST AVE S</i>	<i>1/2 - 1 SW</i>	<i>CE631</i>	<i>357</i>
<i>BLOCH STEEL INDUSTRIES</i>	<i>4580 COLORADO AVE S</i>	<i>1/2 - 1 NW</i>	<i>CH648</i>	<i>369</i>

EXECUTIVE SUMMARY

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

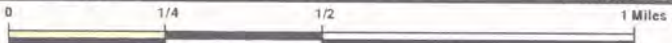
<u>Site Name</u>	<u>Database(s)</u>
NORTH COAST CHEMICAL CO INC	FTTS
ALASKA STREET PROPERTY 2	CSCSL
GLACIER NORTHWEST SEATTLE TERMINAL	CSCSL
DIMENSIONAL ENGINEERING	CERC-NFRAP
SEATTLE, CY OF, 1ST AV BRG LDFL	CERC-NFRAP
INTERBAY	SWF/LF
JUDKINS STREET DISPOSAL SITE	SWF/LF
PACIFIC NW GROUP A	WA ICR, UST
FOREIGN TRADE ZONE 5 - BLDG 85	UST
MANNING ST WASTE	RCRIS-SQG, FINDS
SEATTLE CITY ENG DEPT 12TH AVE S	RCRIS-SQG, FINDS
SEATTLE PUBLIC UTILITIES 13TH AVE	RCRIS-SQG, FINDS
MCKINSTRY CO	RCRIS-SQG, FINDS
SEATTLE CITY AIRPORT WAY PAINT SHO	RCRIS-SQG, FINDS
SEATTLE CITY ENG DEPT AIRPORT WAY	RCRIS-SQG, FINDS
VESSEL GLOBAL SENTINEL 973792	RCRIS-SQG, FINDS
WA AGR M SEATTLE 1	RCRIS-SQG, FINDS
ONDEO NALCO	RCRIS-SQG, FINDS
METRO TERM 117	RCRIS-SQG, FINDS
ALOHA CARGO TRANSPORT INC	PADS, RCRIS-SQG, FINDS
JOE MARINE SERVICES INC TRANSFER	RCRIS-SQG, FINDS
AMERICA CARGO TRANSPORT INC	RCRIS-SQG, FINDS
CLYDE WEST INC	RCRIS-SQG, FINDS
DUWAMISH MARINE CENTER INC	RCRIS-SQG, FINDS
WA AGR KING 2	FINDS, RCRIS-LQG
WA DOT FISHER PROPERTIES	FINDS, RCRIS-LQG
CALIFORNIA AVE. LAW APTS. PROP.	WA ICR
US POSTAL SERVICE STATION (TWO REP	WA ICR
EVERGREEN MARINE LEASING (THREE RE	WA ICR
80TH S. HUDSON ST.	WA ICR
SR 99 & FIRST AVE. BRIDGE SPILLWS	WA ICR
UNION PACIFIC RAILROAD	WA ICR
BOEING - NORTH BOEING FIELD	WA ICR
MUSEUM OF FLIGHT PROPERTY	WA ICR
METRO PDH	WA ICR
ALASKA STREET PROPERTY 2	CSCSL NFA
	VCP

OVERVIEW MAP - 01048129.1r - Philip Services Corporation



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- ▣ National Priority List Sites
- ▣ Landfill Sites
- ▣ Dept. Defense Sites

- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▧ 500-year flood zone
- Federal Wetlands



TARGET PROPERTY:
 ADDRESS: 734 Lucille Street
 CITY/STATE/ZIP: Seattle WA 98108
 LAT/LONG: 47.5541 / 122.3230

CUSTOMER: Philip Services Corporation
 CONTACT: Amy Sidel
 INQUIRY #: 01048129.1r
 DATE: September 16, 2003 2:49 pm

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
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		1.000	0	0	0	0	NR	0
CERC-NFRAP	X	1.000	1	1	0	6	NR	8
CORRACTS	X	1.000	0	0	1	1	NR	2
RCRIS-TSD	X	1.000	0	0	0	0	NR	0
RCRIS Lg. Quan. Gen.	X	1.000	1	0	2	5	NR	8
RCRIS Sm. Quan. Gen.		1.000	5	10	55	136	NR	206
ERNS	X	1.000	0	0	7	25	NR	32
<u>STATE ASTM STANDARD</u>								
CSCSL	X	1.000	1	1	3	25	NR	30
HSL		1.000	0	0	0	0	NR	0
State Landfill		1.000	0	0	0	0	NR	0
LUST		1.000	1	2	6	45	NR	54
UST	X	1.000	3	3	15	98	NR	119
VCP		1.000	0	0	2	14	NR	16
INDIAN UST		1.000	0	0	0	0	NR	0
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	X	1.000	6	11	61	146	NR	224
HMIRS		1.000	0	0	1	246	NR	247
MLTS		1.000	0	0	0	1	NR	1
MINES		1.000	0	0	0	0	NR	0
NPL Liens		1.000	0	0	0	0	NR	0
PADS	X	1.000	0	0	0	2	NR	2
DOD		1.000	0	0	0	0	NR	0
RAATS	X	1.000	0	0	0	0	NR	0
TRIS	X	1.000	1	0	0	4	NR	5
TSCA		1.000	0	0	0	1	NR	1
SSTS		1.000	0	1	0	3	NR	4
FTTS	X	1.000	1	1	4	5	NR	11
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
CSCSL NFA		1.000	0	1	4	14	NR	19
WA ICR		1.000	1	0	28	60	NR	89
SPILLS	X	1.000	0	3	16	27	NR	46
WA Emissions		1.000	0	0	0	2	NR	2
<u>EDR PROPRIETARY HISTORICAL DATABASES</u>								
Coal Gas		1.000	0	0	0	1	NR	1

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
<u>BROWNFIELDS DATABASES</u>								
VCP		1.000	0	0	2	14	NR	16

NOTES:

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 FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

A1 BURLINGTON ENVIRONMENTAL INC GEORGETOWN
Target 734 S LUCILE ST
Property SEATTLE, WA 98108

PADS 1000299415
FINDS WAD000812909
RCRIS-LQG
RCRIS-TSD
RAATS
CORRACTS
CERC-NFRAP
CA HAZNET

Actual: Site 1 of 13 in cluster A
18 ft.

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported Federal Facility: Not a Federal Facility
 Non NPL Code: NFRAP
 Ownership Status: Other NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY Completed: 09/01/1979
 Assessment: PRELIMINARY ASSESSMENT Completed: 04/29/1985
 Assessment: ARCHIVE SITE Completed: 05/31/1988
 Assessment: PRELIMINARY ASSESSMENT Completed: 05/31/1988

CERCLIS-NFRAP Alias Name(s):

CHEMICAL PROCESSORS INC

CORRACTS Data:

EPA Id: WAD000812909
 Region: 10
 State: WA
 Area Name: FACILITY
 Original Scheduled Date: Not reported
 New Scheduled Date: 06/26/2002
 Actual Date: Not reported
 Corrective Action: CA725IN - Current Human Exposures Under Control , More information is needed to make a determination

EPA Id: WAD000812909
 Region: 10
 State: WA
 Area Name: FACILITY
 Original Scheduled Date: Not reported
 New Scheduled Date: 09/30/1998
 Actual Date: Not reported
 Corrective Action: CA725NO - Current Human Exposures Under Control , Current human exposures are NOT under control

EPA Id: WAD000812909
 Region: 10
 State: WA
 Area Name: FACILITY
 Original Scheduled Date: Not reported
 New Scheduled Date: 03/16/1999
 Actual Date: Not reported
 Corrective Action: CA725NO - Current Human Exposures Under Control , Current human exposures are NOT under control

EPA Id: WAD000812909
 Region: 10
 State: WA
 Area Name: FACILITY
 Original Scheduled Date: Not reported
 New Scheduled Date: 06/30/1988
 Actual Date: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BURLINGTON ENVIRONMENTAL INC GEORGETOWN (Continued)

1000299415

Corrective Action: CA050 - RFA Completed
EPA Id: WAD000812909
Region: 10
State: WA
Area Name: FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: 05/04/1990
Actual Date: Not reported
Corrective Action: CA200 - RFI Approved

The CORRACTS database contains 16 additional records for this site.
Please contact your EDR Account Executive for more information.

RCRIS Corrective Action Summary:

Event: Current Human Exposures under Control, More information is needed to make a determination.
Event Date: 06/26/2002
Event: Igration of Contaminated Groundwater under Control, More information is needed to make a determination.
Event Date: 06/26/2002
Event: Stabilization Measures Evaluation, This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.
Event Date: 08/31/2001
Event: Current Human Exposures under Control, Current human exposures are NOT under control.
Event Date: 03/16/1999
Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.
Event Date: 03/16/1999
Event: Current Human Exposures under Control, Current human exposures are NOT under control.
Event Date: 09/30/1998
Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.
Event Date: 09/30/1998
Event: RFI Workplan Approved
Event Date: 06/16/1998
Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
Event Date: 04/27/1998
Event: RFI Workplan Approved
Event Date: 09/30/1997
Event: RFI Workplan Approved
Event Date: 07/25/1997

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BURLINGTON ENVIRONMENTAL INC GEORGETOWN (Continued)

1000299415

Event: Stabilization Measures Evaluation, This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.
 Event Date: 04/12/1994
 Event: Stabilization Measures Implemented, Other Activity
 Event Date: 03/15/1994
 Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.
 Event Date: 10/08/1991
 Event: RFA Determination Of Need For An RFI, RFI is Necessary;
 Event Date: 08/05/1991
 Event: RFI Imposition
 Event Date: 08/05/1991
 Event: RFI Workplan Approved
 Event Date: 08/05/1991
 Event: RFI Approved
 Event Date: 05/04/1990
 Event: RFI Workplan Approved
 Event Date: 06/21/1989
 Event: RFI Imposition
 Event Date: 09/30/1988
 Event: RFA Completed
 Event Date: 06/30/1988

RCRIS:

Owner: BURLINGTON ENVIRONMENTAL INC
 (425) 227-0311
 EPA ID: WAD000812909
 Contact: GARY CRUEGER
 (425) 227-7051

Classification: Large Quantity Generator, TSD
 TSD Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: - 1999

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	19090911.01	D002	823731.53
D003	111100.25	D004	19079175.30
D005	20173892.59	D006	20603900.67
D007	20556559.49	D008	20511508.44
D009	5090284.09	D010	293246.68
D011	24087.97	D012	341311.38
D013	8872.60	D014	383766.48
D015	223872.00	D018	1247808.29
D019	126156.80	D021	126156.80
D026	29607.00	D028	136926.12
D035	575204.68	D039	135697.92
D040	2524.80	D043	2919.00
F001	1616222.34	F002	1627557.97
F003	714267.67	F004	34861.00

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BURLINGTON ENVIRONMENTAL INC GEORGETOWN (Continued)

1000299415

F005	159184.10	F006	127509.12
F007	1800.00	F008	40998.00
F009	1800.00	F019	115716.13
F032	11259.00	P003	14.00
P014	94.00	P118	94.00
U117	2500.00	U134	409.00
U151	225.00	U154	4003.20
U165	4434.00	U228	22803.00

Violation Status: Violations exist

Regulation Violated:	-200(2)(b)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	05/19/2003
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/02/2003
Penalty Type:	Not reported
Regulation Violated:	-200(1)(d) / -170(2)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	05/19/2003
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/02/2003
Penalty Type:	Not reported
Regulation Violated:	Permit EE
Area of Violation:	TSD-TANKS REQUIREMENTS
Date Violation Determined:	01/15/2003
Actual Date Achieved Compliance:	04/04/2003
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/14/2003
Penalty Type:	Not reported
Regulation Violated:	-200(1)(b)/630(9)(c)640(10)(a)
Area of Violation:	TSD-CHEMICAL/PHYSICAL/BIOLOGICAL REQUIREMENTS
Date Violation Determined:	08/29/2001
Actual Date Achieved Compliance:	03/04/2002
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/27/2001
Penalty Type:	Not reported
Regulation Violated:	Permit Cond VII.D.1
Area of Violation:	TSD-GOUNDWATER MONITORING REQUIREMENTS
Date Violation Determined:	11/03/2000
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/14/1992
Penalty Type:	Proposed Monetary Penalty
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/03/2000
Penalty Type:	Proposed Monetary Penalty
Enforcement Action:	INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	08/06/2001
Penalty Type:	Proposed Monetary Penalty

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BURLINGTON ENVIRONMENTAL INC GEORGETOWN (Continued)

1000299415

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 01/17/2002
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Permit Condition VII.B.3
Area of Violation: TSD-GROUNDWATER MONITORING REQUIREMENTS
Date Violation Determined: 11/03/2000
Actual Date Achieved Compliance: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/14/1992
Penalty Type: Proposed Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/03/2000
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 08/06/2001
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 01/17/2002
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Permit Condition VII.A.8
Area of Violation: TSD-GROUNDWATER MONITORING REQUIREMENTS
Date Violation Determined: 11/03/2000
Actual Date Achieved Compliance: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/14/1992
Penalty Type: Proposed Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/03/2000
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 08/06/2001
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 01/17/2002
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Permit Condition V.D.1
Area of Violation: TSD-CONTAINERS REQUIREMENTS
Date Violation Determined: 11/03/2000
Actual Date Achieved Compliance: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/31/1995
Penalty Type: Proposed Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/03/2000
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 08/06/2001
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 01/17/2002

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BURLINGTON ENVIRONMENTAL INC GEORGETOWN (Continued)

1000299415

Penalty Type: Proposed Monetary Penalty
Regulation Violated: 600 & 630(5)(a)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 05/31/1995
Actual Date Achieved Compliance: 07/17/1995
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/31/1995
Penalty Type: Proposed Monetary Penalty
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/03/2000
Penalty Type: Proposed Monetary Penalty
Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 08/06/2001
Penalty Type: Proposed Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 01/17/2002
Penalty Type: Proposed Monetary Penalty
Regulation Violated: 600 & 630(7)(d)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 05/31/1995
Actual Date Achieved Compliance: 07/17/1995
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/31/1995
Penalty Type: Not reported
Regulation Violated: 600(1)(2)&630(7)(d)
Area of Violation: TSD-GENERAL STANDARDS
Date Violation Determined: 05/11/1994
Actual Date Achieved Compliance: 03/30/1995
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 03/18/1993
Penalty Type: Not reported
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/24/1995
Penalty Type: Not reported
Regulation Violated: 630(5)(b)
Area of Violation: TSD-GENERAL STANDARDS
Date Violation Determined: 05/14/1993
Actual Date Achieved Compliance: 08/31/1994
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/03/1993
Penalty Type: Not reported
Regulation Violated: 630(7)(d)
Area of Violation: TSD-GENERAL STANDARDS
Date Violation Determined: 05/14/1993
Actual Date Achieved Compliance: 03/30/1995
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/03/1993
Penalty Type: Not reported
Regulation Violated: 600
Area of Violation: TSD-GENERAL STANDARDS

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BURLINGTON ENVIRONMENTAL INC GEORGETOWN (Continued)

1000299415

Date Violation Determined: 05/14/1993
Actual Date Achieved Compliance: 08/31/1994

Enforcement Action: VERBAL INFORMAL
Enforcement Action Date: 03/13/1992
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/03/1993
Penalty Type: Not reported

Regulation Violated: 40 CFR 268.7(a)(1)
Area of Violation: TSD-GENERAL STANDARDS
Date Violation Determined: 05/14/1993
Actual Date Achieved Compliance: 08/31/1994

Enforcement Action: VERBAL INFORMAL
Enforcement Action Date: 03/13/1992
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/03/1993
Penalty Type: Not reported

Regulation Violated: 350(4)(b)
Area of Violation: TSD-GENERAL STANDARDS
Date Violation Determined: 05/14/1993
Actual Date Achieved Compliance: 08/31/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/06/1990
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/03/1993
Penalty Type: Not reported

Regulation Violated: 630(5)
Area of Violation: TSD-GENERAL STANDARDS
Date Violation Determined: 05/14/1993
Actual Date Achieved Compliance: 08/31/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/03/1993
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-CONTAINERS REQUIREMENTS
Date Violation Determined: 01/06/1993
Actual Date Achieved Compliance: 04/19/1993

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 03/18/1993
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/24/1995
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS
Date Violation Determined: 01/06/1993
Actual Date Achieved Compliance: 05/14/1993

Enforcement Action: WRITTEN INFORMAL

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BURLINGTON ENVIRONMENTAL INC GEORGETOWN (Continued)

1000299415

Enforcement Action Date: 07/14/1992
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 03/18/1993
Penalty Type: Not reported

Regulation Violated: 810(2)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 04/15/1992
Actual Date Achieved Compliance: 08/20/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/14/1992
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 03/18/1993
Penalty Type: Not reported

Regulation Violated: 640(5)(a)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 04/15/1992
Actual Date Achieved Compliance: 08/20/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/14/1992
Penalty Type: Proposed Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/03/2000
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 08/06/2001
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 01/17/2002
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 630
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 04/15/1992
Actual Date Achieved Compliance: 08/20/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/14/1992
Penalty Type: Proposed Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/03/2000
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 08/06/2001
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 01/17/2002
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 510(5)(e)(i)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 04/15/1992

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BURLINGTON ENVIRONMENTAL INC GEORGETOWN (Continued)

1000299415

Actual Date Achieved Compliance: 08/20/1992
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/14/1992
Penalty Type: Proposed Monetary Penalty
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/03/2000
Penalty Type: Proposed Monetary Penalty
Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 08/06/2001
Penalty Type: Proposed Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 01/17/2002
Penalty Type: Proposed Monetary Penalty
Regulation Violated: Not reported
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 03/09/1992
Actual Date Achieved Compliance: 04/16/1992
Enforcement Action: VERBAL INFORMAL
Enforcement Action Date: 03/13/1992
Penalty Type: Not reported
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/03/1993
Penalty Type: Not reported
Regulation Violated: Not reported
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 03/09/1992
Actual Date Achieved Compliance: 04/16/1992
Enforcement Action: VERBAL INFORMAL
Enforcement Action Date: 03/13/1992
Penalty Type: Not reported
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/03/1993
Penalty Type: Not reported
Regulation Violated: -630(5)(C)
Area of Violation: TSD-CONTAINERS REQUIREMENTS
Date Violation Determined: 07/15/1991
Actual Date Achieved Compliance: 08/12/1991
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 04/16/1991
Penalty Type: Not reported
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/15/1991
Penalty Type: Not reported
Regulation Violated: 173-303-060
Area of Violation: GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined: 07/15/1991
Actual Date Achieved Compliance: 08/12/1991
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 04/16/1991
Penalty Type: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BURLINGTON ENVIRONMENTAL INC GEORGETOWN (Continued)

1000299415

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/15/1991
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 11/27/1990
Actual Date Achieved Compliance: 01/09/1991

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/06/1990
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/03/1993
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 05/24/1990
Actual Date Achieved Compliance: 07/18/1990

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/14/1990
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 05/24/1990
Actual Date Achieved Compliance: 07/18/1990

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/14/1990
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 04/05/1988
Actual Date Achieved Compliance: 09/29/1988

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 04/05/1988
Actual Date Achieved Compliance: 09/29/1988

Regulation Violated: Not reported
Area of Violation: TSD-GOUNDWATER MONITORING REQUIREMENTS
Date Violation Determined: 12/15/1987
Actual Date Achieved Compliance: 07/13/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/03/1993
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 05/05/1987
Actual Date Achieved Compliance: 07/04/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/24/1987
Penalty Type: Not reported

Regulation Violated: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EPA ID Number
EDR ID Number

BURLINGTON ENVIRONMENTAL INC GEORGETOWN (Continued)

1000299415

Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 05/05/1987
Actual Date Achieved Compliance: 07/04/1994
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/24/1987
Penalty Type: Not reported
Regulation Violated: Not reported
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 07/31/1986
Actual Date Achieved Compliance: 09/29/1987
Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 03/06/1986
Actual Date Achieved Compliance: 09/29/1987
Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date: 04/14/1986
Penalty Type: Not reported
Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 01/30/1986
Actual Date Achieved Compliance: 07/04/1994
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/07/1986
Penalty Type: Not reported
Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 01/30/1986
Actual Date Achieved Compliance: 07/04/1994
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 06/30/1986
Penalty Type: Not reported
Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 12/24/1985
Actual Date Achieved Compliance: 09/29/1987
Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date: 01/02/1986
Penalty Type: Not reported
Regulation Violated: Not reported
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 12/04/1985
Actual Date Achieved Compliance: 09/29/1987
Enforcement Action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Action Date: 01/02/1986
Penalty Type: Not reported
Regulation Violated: Not reported
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 12/04/1985
Actual Date Achieved Compliance: 09/29/1987
Regulation Violated: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BURLINGTON ENVIRONMENTAL INC GEORGETOWN (Continued)

1000299415

Area of Violation: TSD-MANIFEST REQUIREMENTS
 Date Violation Determined: 05/08/1985
 Actual Date Achieved Compliance: 09/29/1987

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 04/16/1991
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/15/1991
 Penalty Type: Not reported

Regulation Violated: Not reported
 Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 05/08/1985
 Actual Date Achieved Compliance: 09/29/1987

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 04/16/1991
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/15/1991
 Penalty Type: Not reported

There are 44 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	
Compliance Evaluation Inspection	TSD-TANKS REQUIREMENTS	20030404
A Significant Non-Complier (SNC)	TSD-CHEMICAL/PHYSICAL/BIOLOGICAL REQUIREMENTS	28020304
	TSD-GOUNDWATER MONITORING REQUIREMENTS	
	TSD-GOUNDWATER MONITORING REQUIREMENTS	
	TSD-GOUNDWATER MONITORING REQUIREMENTS	
	TSD-CONTAINERS REQUIREMENTS	
Compliance Evaluation Inspection	TSD-GOUNDWATER MONITORING REQUIREMENTS	
	TSD-GOUNDWATER MONITORING REQUIREMENTS	
	TSD-GOUNDWATER MONITORING REQUIREMENTS	
	TSD-CONTAINERS REQUIREMENTS	
Compliance GW-Monitoring Evaluation	TSD-GOUNDWATER MONITORING REQUIREMENTS	
	TSD-GOUNDWATER MONITORING REQUIREMENTS	
	TSD-GOUNDWATER MONITORING REQUIREMENTS	
	TSD-CONTAINERS REQUIREMENTS	
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19950717
	GENERATOR-GENERAL REQUIREMENTS	19950717
Compliance Evaluation Inspection	TSD-GENERAL STANDARDS	19950330
Compliance Evaluation Inspection	TSD-GENERAL STANDARDS	19940831
	TSD-GENERAL STANDARDS	19950330
	TSD-GENERAL STANDARDS	19940831
	TSD-GENERAL STANDARDS	19940831
	TSD-GENERAL STANDARDS	19940831
	TSD-GENERAL STANDARDS	19940831
Compliance Evaluation Inspection	TSD-CONTAINERS REQUIREMENTS	19930419
	TSD-OTHER REQUIREMENTS	19930514
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19920820
	GENERATOR-GENERAL REQUIREMENTS	19920820
	GENERATOR-GENERAL REQUIREMENTS	19920820
	GENERATOR-GENERAL REQUIREMENTS	19920820
Compliance Evaluation Inspection	TSD-LAND BAN REQUIREMENTS	19920416

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BURLINGTON ENVIRONMENTAL INC GEORGETOWN (Continued)

1000299415

	TSD-LAND BAN REQUIREMENTS	19920416
Compliance Evaluation Inspection	TSD-CONTAINERS REQUIREMENTS	19910812
	GENERATOR-RECORDKEEPING REQUIREMENTS	19910812
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19910109
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19900718
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19900718
Compliance Evaluation Inspection	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19880929
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19880929
Non-Financial Record Review	TSD-GOUNDWATER MONITORING REQUIREMENTS	19890713
Compliance Evaluation Inspection	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19940704
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940704
Compliance Evaluation Inspection	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19870929
Non-Financial Record Review	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19870929
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940704
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940704
Non-Financial Record Review	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19870929
Non-Financial Record Review	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19870929
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19870929
Compliance Evaluation Inspection	TSD-MANIFEST REQUIREMENTS	19870929
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19870929

NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:

- Biennial Reporting System (BRS)
- Facility Registry System (FRS)
- ICIS
- National Compliance Database (NCDB)
- Resource Conservation and Recovery Act Information system (RCRAINFO)
- Toxic Chemical Release Inventory System (TRIS)

HAZNET:

Gepaid: WAD000812909
 TSD EPA ID: CAD088504881
 Gen County: 99
 Tsd County: Orange
 Tons: 1.45
 Waste Category: Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
 Disposal Method: Transfer Station
 Contact: UNDELIVERABLE PER 95 FEES FORM
 Telephone: 0
 Mailing Address: 734 S LUCILE ST
 SEATTLE, WA 98108 - 2631
 County: 99

Gepaid: WAD000812909
 TSD EPA ID: CAD088504881
 Gen County: 99
 Tsd County: Orange
 Tons: 1.21
 Waste Category: Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
 Disposal Method: Recycler
 Contact: UNDELIVERABLE PER 95 FEES FORM

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

BURLINGTON ENVIRONMENTAL INC GEORGETOWN (Continued)

1000299415

Telephone: 0
 Mailing Address: 734 S LUCILE ST
 SEATTLE, WA 98108 - 2631
 County 99
 Gepaid: WAD000812909
 TSD EPA ID: CAD088504881
 Gen County: 99
 Tsd County: Orange
 Tons: 0.82
 Waste Category: Off-specification, aged, or surplus inorganics
 Disposal Method: Transfer Station
 Contact: UNDELIVERABLE PER 95 FEES FORM
 Telephone: 0
 Mailing Address: 734 S LUCILE ST
 SEATTLE, WA 98108 - 2631
 County 99
 Gepaid: WAD000812909
 TSD EPA ID: CAD008364432
 Gen County: 99
 Tsd County: Los Angeles
 Tons: 1.33
 Waste Category:
 Disposal Method: Recycler
 Contact: UNDELIVERABLE PER 95 FEES FORM
 Telephone: 0
 Mailing Address: 734 S LUCILE ST
 SEATTLE, WA 98108 - 2631
 County 99
 Gepaid: WAD000812909
 TSD EPA ID: CAD008364432
 Gen County: 99
 Tsd County: Los Angeles
 Tons: 3.04
 Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
 Disposal Method: Recycler
 Contact: UNDELIVERABLE PER 95 FEES FORM
 Telephone: 0
 Mailing Address: 734 S LUCILE ST
 SEATTLE, WA 98108 - 2631
 County 99

The CA HAZNET database contains 2 additional records for this site.
 Please click here or contact your EDR Account Executive for more information.

A2
Target
Property

734 SOUTH LUCILE
SEATTLE, WA

SPILLS S105397081
N/A

Actual:
18 ft.

Site 2 of 13 in cluster A
 WA SPILL:
 Facility ID: 517997
 Material Desc : CHEMICAL
 Medium: SOIL
 Material Qty: 1
 Material Units: GALLON
 Business Name: PHILIP

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

(Continued)

EDR ID Number
EPA ID Number

Database(s)

IPRP Last Name: Not reported
Date Received: Not reported

S105397081

A3
Target
Property

BURLINGTON ENVIRONMENTAL INC.
734 S. LUCILE ST.
SEATTLE, WA 98108

TRIS 1005455004
98108BRLNG73

Site 3 of 13 in cluster A

Actual:
18 ft.

A4
Target
Property

BURLINGTON ENVIRONMENTAL INC GEORGE
734 S LUCILE ST
SEATTLE, WA 98108

CSCSL S104917964
N/A

Site 4 of 13 in cluster A

Actual:
18 ft.

SHWS:

Facility ID: 47779679
MTBE Code: Not reported
Responsible Unit: Northwest Region
Latitude: 47 33 11.66
Longitude: 122 19 25.77
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):
Affected Media: Ground 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
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 4
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant medals: Suspected to be present
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Suspected to be present
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: Suspected to be present
Radioactive Wastes: Suspected to be present
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 47779679
MTBE Code: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BURLINGTON ENVIRONMENTAL INC GEORGE (Continued)

S104917964

Responsible Unit: Northwest Region
 Latitude: 47 33 11.66
 Longitude: 122 19 25.77
 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):
 Affected Media: Soil
 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
 Arsenic Code: Not reported
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Not reported
 Horizontal Collection Method: 4
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
 Metals - Other non-priority pollutant medals: Suspected to be present
 Polychlorinated biPhenyls (PCBs): Not reported
 Pesticides: Suspected to be present
 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: Suspected to be present
 Radioactive Wastes: Suspected to be present
 Asbestos: Not reported
 Conventional Contaminants, Organic: Not reported
 Conventional Contaminants, Inorganic: Not reported

A5
 Target
 Property

BURLINGTON ENVIRONMENTAL INC - GEORGETOW
734 S LUCILLE ST
SEATTLE, WA 98108

FTTS 1006430554
 N/A

Site 5 of 13 in cluster A

Actual:
 18 ft.

FTTS:
 Case Number: Not reported
 Docket Number: 1093-12-06-2615
 Complaint Issued: 01/31/1994
 Complaint Closed: 05/10/1994
 Abatement Amount: 0
 Proposed Penalty: 25000
 Final Assessment: 21250
 Final Order Date: 05/10/1994
 Close Date: 05/10/1994
 Violation: Manufact; Incidental Generation & Import

FTTS Insp:
 Region: 10
 Inspected Date: 05/27/1993
 Insp Number: 199305271513 1
 Violation occurred: Not reported
 Inspector: SMITH
 Investigation Type: Section 6 PCB Federal Conducted
 Facility Function: Storer
 Investig Reason: Neutral Scheme, Region

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site		Database(s)	EDR ID Number EPA ID Number
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BURLINGTON ENVIRONMENTAL INC - GEORGETOW (Continued) **1006430554**

Legislation Code: TSCA

A6 Target Property	BURLINGTON ENVIRONMENTAL INC SEATTLE 734 S LUCILE SEATTLE, WA 98108	FTTS	1006430556 N/A
---------------------------------	--	-------------	---------------------------------

Actual:
18 ft.

Site 6 of 13 in cluster A

FTTS Insp:

Region:	10
Inspected Date:	01/22/1992
Insp Number:	199201223124 1
Violation occurred:	Not reported
Inspector:	SMITH
Investigation Type:	Section 6 PCB Federal Conducted
Facility Function:	Storer
Investig Reason:	Neutral Scheme, Region
Legislation Code:	TSCA

A7 Target Property	CHEMICAL PROCESSORS INC 734 S LUCILE ST SEATTLE, WA 98108	UST	U003028125 N/A
---------------------------------	--	------------	---------------------------------

Actual:
18 ft.

Site 7 of 13 in cluster A

UST:

Facility ID:	7401
Install Date:	12/31/1964 00:00:00
Capacity:	Not reported
Status:	Closed in Place
Tank Name:	G
Substance:	Not reported
Compartment #:	1
Ecology Region:	North Western

Facility ID:	7401
Install Date:	12/31/1964 00:00:00
Capacity:	Not reported
Status:	Closed in Place
Tank Name:	H
Substance:	Not reported
Compartment #:	1
Ecology Region:	North Western

Facility ID:	7401
Install Date:	12/31/1964 00:00:00
Capacity:	Not reported
Status:	Closed in Place
Tank Name:	L
Substance:	Not reported
Compartment #:	1
Ecology Region:	North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

CHEMICAL PROCESSORS INC (Continued)

U003028125

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: B
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: J
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: D
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: F
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: O
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: N
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

CHEMICAL PROCESSORS INC (Continued)

U003028125

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: E
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: C
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: M
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: I
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: A
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: K
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

CHEMICAL PROCESSORS INC (Continued)

U003028125

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: 3
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: 1
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: 9
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: 5
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: 6
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: 7
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

CHEMICAL PROCESSORS INC (Continued)

U003028125

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: 8
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: 4
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7401
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: 2
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

A8 PHILIP SERVICES CORP SEATTLE
Target 734 S LUCILLE ST
Property SEATTLE, WA 98108

FTTS 1006447892
N/A

Site 8 of 13 in cluster A

Actual:
18 ft.

FTTS Insp:
Region: 10
Inspected Date: 05/29/2001
Insp Number: 2001052916131 2
Violation occurred: Yes
Inspector: HILEMAN
Investigation Type: Section 6 PCB Federal Conducted
Facility Function: User
Investig Reason: Neutral Scheme, Region
Legislation Code: TSCA

A9 PHILIP SERVICES CORP SEATTLE
Target 734 S LUCILE ST
Property SEATTLE, WA 98108

FTTS 1006447891
N/A

Site 9 of 13 in cluster A

Actual:
18 ft.

FTTS Insp:
Region: 10
Inspected Date: 03/01/2000
Insp Number: 2000030116131 2
Violation occurred: Yes
Inspector: HILEMAN
Investigation Type: Section 6 PCB Federal Conducted

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

PHILIP SERVICES CORP SEATTLE (Continued)

1006447891

Facility Function: User
 Investig Reason: Neutral Scheme, Region
 Legislation Code: TSCA

A10 **PHILIP ENVIRONMENTAL SEATTLE**
Target **734 S LUCILE ST**
Property **SEATTLE, WA 98108**

FTTS 1006447881
N/A

Site 10 of 13 in cluster A

Actual:
18 ft.

FTTS Insp:
 Region: 10
 Inspected Date: 09/29/1995
 Insp Number: 199509297066 1
 Violation occurred: Not reported
 Inspector: MCDERMOTT
 Investigation Type: Section 6 PCB Federal Conducted
 Facility Function: User
 Investig Reason: Neutral Scheme, Region
 Legislation Code: TSCA

Region: 10
 Inspected Date: 03/20/1996
 Insp Number: 1996032013702 1
 Violation occurred: Not reported
 Inspector: OSBORN
 Investigation Type: Section 6 PCB Federal Conducted
 Facility Function: User
 Investig Reason: Neutral Scheme, Region
 Legislation Code: TSCA

A11 **BURLINGTON ENVIRONMENTAL SVCS GEORGETOWN**
Target **734 S LUCILE ST**
Property **SEATTLE, WA 98108**

FTTS 1006430558
N/A

Site 11 of 13 in cluster A

Actual:
18 ft.

FTTS Insp:
 Region: 10
 Inspected Date: 09/30/1991
 Insp Number: 19910930WA003 1
 Violation occurred: Yes
 Inspector: MAULE
 Investigation Type: Section 6 PCB State Conducted
 Facility Function: Storer
 Investig Reason: Neutral Scheme, Region
 Legislation Code: TSCA

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A12 **PHILIP SERVICES CORP SEATTLE**
Target **734 SOUTH LUCILE**
Property **SEATTLE, WA 98108**

FTTS **1006447893**
 N/A

Site 12 of 13 in cluster A

Actual:
18 ft.

FTTS Insp:
Region: 10
Inspected Date: 08/12/2002
Insp Number: 2002081216131 1
Violation occurred: Not reported
Inspector: HILEMAN
Investigation Type: Section 6 PCB Federal Conducted
Facility Function: User
Investig Reason: Neutral Scheme, Region
Legislation Code: TSCA

A13 **DISCOVERED AT 734 SOUTH LUCILLE**
Target **DISCOVERED AT 734 SOUTH LUCILLE**
Property **SEATTLE, WA 0**

ERNS **2001566594**
 N/A

Site 13 of 13 in cluster A

Actual:
18 ft.

14 **WESTERN TRAILER REPAIR INC**
SW **707 S LUCILE ST**
< 1/8 **SEATTLE, WA 98108**
327 ft.

RCRIS-SQG **1004794372**
FINDS **WAD988510186**

Relative:
Lower

RCRIS:
Owner: CARL TERRANA
(206) 762-7850
EPA ID: WAD988510186
Contact: MIKE ROYER
(206) 762-7850

Actual:
17 ft.

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s)
 EDR ID Number
 EPA ID Number

B15 **KELLY MOORE PRESERVATIVE PAINT CO**
ESE **5410 AIRPORT WAY S**
< 1/8 **SEATTLE, WA 98108**
362 ft.

CSCSL **1000380485**
FINDS **98108PRSRV54**
WA ICR
RCRIS-LQG
TRIS
CERC-NFRAP

Relative:
Higher

Site 1 of 2 in cluster B

Actual:
20 ft.

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
 Non NPL Code: NFRAP
 Ownership Status: Other

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY
 Assessment: PRELIMINARY ASSESSMENT
 Assessment: SITE INSPECTION
 Assessment: ARCHIVE SITE

Completed: 09/01/1980
 Completed: 06/06/1985
 Completed: 11/18/1986
 Completed: 11/18/1986

CERCLIS-NFRAP Alias Name(s):

PRESERVATION PAINT COMPANY

RCRIS:

Owner: KELLY MOORE PAINT CO INC
 (650) 592-8337
 EPA ID: WAD059315069
 Contact: KEVIN HUDSON
 (206) 763-0300

Classification: Large Quantity Generator
 TSDF Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1999

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	32345.20	D007	32238.00
D008	32345.20	D018	107.20
D035	32238.00	D039	107.20
F003	32238.00	F005	32238.00

Violation Status: Violations exist

Regulation Violated: -200(2)(a) / -170(2)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 12/10/2002
 Actual Date Achieved Compliance: 03/11/2003

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 01/17/2003
 Penalty Type: Not reported

Regulation Violated: -630(5)(a) / -200(1)(b)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 12/10/2002
 Actual Date Achieved Compliance: 03/11/2003

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 01/17/2003
 Penalty Type: Not reported

Regulation Violated: -060(5) / -170(2) / -220(1)
 Area of Violation: GENERATOR-RECORDKEEPING REQUIREMENTS
 Date Violation Determined: 12/10/2002
 Actual Date Achieved Compliance: 03/11/2003

Enforcement Action: WRITTEN INFORMAL

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

KELLY MOORE PRESERVATIVE PAINT CO (Continued)

1000380485

Enforcement Action Date: 01/17/2003
Penalty Type: Not reported
Regulation Violated: -170(1)(a)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 12/10/2002
Actual Date Achieved Compliance: 03/11/2003
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/17/2003
Penalty Type: Not reported
Regulation Violated: -630(3) / -200(1)(b)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 12/10/2002
Actual Date Achieved Compliance: 03/11/2003
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/17/2003
Penalty Type: Not reported
Regulation Violated: -200(1)(b) / -630(5)(a)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 05/23/2001
Actual Date Achieved Compliance: 08/27/2001
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/27/2001
Penalty Type: Not reported
Regulation Violated: -640(4)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 05/23/2001
Actual Date Achieved Compliance: 08/27/2001
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/27/2001
Penalty Type: Not reported
Regulation Violated: -200(1)(c)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 05/23/2001
Actual Date Achieved Compliance: 08/27/2001
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/27/2001
Penalty Type: Not reported
Regulation Violated: -200(1)(b) / -640(2-10)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 05/23/2001
Actual Date Achieved Compliance: 08/27/2001
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/27/2001
Penalty Type: Not reported
Regulation Violated: -200(1)(d)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 05/23/2001
Actual Date Achieved Compliance: 08/27/2001
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/27/2001

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

KELLY MOORE PRESERVATIVE PAINT CO (Continued)

1000380485

Penalty Type: Not reported

Regulation Violated: -630(7)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 05/23/2001
 Actual Date Achieved Compliance: 08/27/2001

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/27/2001
 Penalty Type: Not reported

Regulation Violated: 200(1)(c)(d)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 06/18/1997
 Actual Date Achieved Compliance: 06/19/1997

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 06/18/1997
 Penalty Type: Not reported

Regulation Violated: 630(7)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 06/18/1997
 Actual Date Achieved Compliance: 06/30/1997

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 06/18/1997
 Penalty Type: Not reported

Regulation Violated: 630(6)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 06/18/1997
 Actual Date Achieved Compliance: 06/19/1997

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 06/18/1997
 Penalty Type: Not reported

Regulation Violated: 330
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 06/18/1997
 Actual Date Achieved Compliance: 06/27/1997

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 06/18/1997
 Penalty Type: Not reported

There are 15 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20030311
	GENERATOR-GENERAL REQUIREMENTS	20030311
	GENERATOR-GENERAL REQUIREMENTS	20030311
	GENERATOR-RECORDKEEPING REQUIREMENTS	20030311
	GENERATOR-GENERAL REQUIREMENTS	20030311
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20010827
	GENERATOR-GENERAL REQUIREMENTS	20010827
	GENERATOR-GENERAL REQUIREMENTS	20010827
	GENERATOR-GENERAL REQUIREMENTS	20010827
	GENERATOR-GENERAL REQUIREMENTS	20010827
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20010827
	GENERATOR-GENERAL REQUIREMENTS	19970619

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

KELLY MOORE PRESERVATIVE PAINT CO (Continued)

1000380485

GENERATOR-GENERAL REQUIREMENTS	19970630
GENERATOR-GENERAL REQUIREMENTS	19970619
GENERATOR-GENERAL REQUIREMENTS	19970627

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Biennial Reporting System (BRS)
 Facility Registry System (FRS)
 National Toxics Inventory (NTI)
 Resource Conservation and Recovery Act Information system (RCRAINFO)
 Toxic Chemical Release Inventory System (TRIS)

SHWS:

Facility ID: 2163
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 33 12.49
 Longitude: 122 19 20.66
 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):
 Affected Media: Ground 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)
 Arsenic Code: Not reported
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Suspected to be present
 Horizontal Collection Method: 4
 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: 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

Facility ID: 2163
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 33 12.49
 Longitude: 122 19 20.66
 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):
 Affected Media: Soil

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

KELLY MOORE PRESERVATIVE PAINT CO (Continued)

1000380485

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)

Arsenic Code:	Not reported
Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Suspected to be present
Horizontal Collection Method:	4
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:	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

WA ICR:

Date Ecology Received Report:	06/26/1998
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:	98-05
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported

**B16
 ESE
 < 1/8
 362 ft.**

**KELLY-MOORE PAINT CO
 5410 AIRPORT WAY S
 SEATTLE, WA 98108**

**LUST U003378488
 UST N/A**

Site 2 of 2 in cluster B

**Relative:
 Higher**

LUST:

Facility ID:	1945	Ecology Region:	NWRO
Release ID:	5203	Release Date:	04/21/94
Release Status:	Cleanup Started	Status Date:	6/1/95
Alternate Name:	PRESERVATIVE PAINT CO		
Lat/Lon	47.55347 / 122.322406		
Affected Media:	Soil		

**Actual:
 20 ft.**

UST:

Facility ID:	1945
Install Date:	12/31/1964 00:00:00
Capacity:	111 to 1,100 Gallons
Status:	Closed in Place
Tank Name:	40
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

KELLY-MOORE PAINT CO (Continued)

U003378488

Facility ID: 1945
Install Date: 11/17/1997 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 1
Substance: HAZARDOUS SUBSTANCE
Compartment #: 2
Ecology Region: North Western

Facility ID: 1945
Install Date: 11/17/1997 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 1
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 1945
Install Date: 11/17/1997 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 2
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 1945
Install Date: 11/17/1997 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 2
Substance: HAZARDOUS SUBSTANCE
Compartment #: 2
Ecology Region: North Western

Facility ID: 1945
Install Date: 11/18/1997 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 3
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 1945
Install Date: 11/18/1997 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 3
Substance: HAZARDOUS SUBSTANCE
Compartment #: 2
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

KELLY-MOORE PAINT CO (Continued)

U003378488

Facility ID: 1945
Install Date: 11/18/1997 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 4
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 1945
Install Date: 11/18/1997 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 4
Substance: HAZARDOUS SUBSTANCE
Compartment #: 2
Ecology Region: North Western

Facility ID: 1945
Install Date: 11/18/1997 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 5
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 1945
Install Date: 12/5/1997 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 6
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 1945
Install Date: 12/5/1997 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 6
Substance: HAZARDOUS SUBSTANCE
Compartment #: 2
Ecology Region: North Western

Facility ID: 1945
Install Date: 12/5/1997 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 7
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

KELLY-MOORE PAINT CO (Continued)

U003378488

Facility ID: 1945
Install Date: 12/5/1997 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 7
Substance: HAZARDOUS SUBSTANCE
Compartment #: 2
Ecology Region: North Western

Facility ID: 1945
Install Date: 12/5/1997 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 7
Substance: HAZARDOUS SUBSTANCE
Compartment #: 3
Ecology Region: North Western

Facility ID: 1945
Install Date: 3/15/1985 00:00:00
Capacity: 2,001 TO 4,999 GALLONS
Status: Removed
Tank Name: 33
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 1945
Install Date: 3/15/1985 00:00:00
Capacity: 2,001 TO 4,999 GALLONS
Status: Removed
Tank Name: 37
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 1945
Install Date: 3/15/1985 00:00:00
Capacity: 2,001 TO 4,999 GALLONS
Status: Removed
Tank Name: 35
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 1945
Install Date: 3/15/1985 00:00:00
Capacity: 2,001 TO 4,999 GALLONS
Status: Removed
Tank Name: 39
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

KELLY-MOORE PAINT CO (Continued)

U003378488

Facility ID: 1945
Install Date: 3/15/1985 00:00:00
Capacity: 2,001 TO 4,999 GALLONS
Status: Removed
Tank Name: 31
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 1945
Install Date: 3/15/1985 00:00:00
Capacity: 2,001 TO 4,999 GALLONS
Status: Removed
Tank Name: 30
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 1945
Install Date: 3/15/1985 00:00:00
Capacity: 2,001 TO 4,999 GALLONS
Status: Removed
Tank Name: 38
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 1945
Install Date: 3/15/1985 00:00:00
Capacity: 2,001 TO 4,999 GALLONS
Status: Removed
Tank Name: 34
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 1945
Install Date: 3/15/1985 00:00:00
Capacity: 2,001 TO 4,999 GALLONS
Status: Removed
Tank Name: 32
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 1945
Install Date: 3/15/1985 00:00:00
Capacity: 2,001 TO 4,999 GALLONS
Status: Removed
Tank Name: 36
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

KELLY-MOORE PAINT CO (Continued)

U003378488

Facility ID: 1945
Install Date: 4/1/1984 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Change in Service
Tank Name: 25
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 1945
Install Date: 4/1/1984 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Removed
Tank Name: 21
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 1945
Install Date: 4/1/1984 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Removed
Tank Name: 23
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 1945
Install Date: 4/1/1984 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Removed
Tank Name: 22
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 1945
Install Date: 4/1/1984 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Change in Service
Tank Name: 26
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 1945
Install Date: 4/1/1984 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Removed
Tank Name: 24
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

KELLY-MOORE PAINT CO (Continued)

Database(s)
 EDR ID Number
 EPA ID Number

U003378488

C17
West
< 1/8
413 ft.

AMALGAMATED SUGAR
5400 DENVER AVE
SEATTLE, WA 98108

FTTS 1006427535
N/A

Site 1 of 3 in cluster C

Relative:
Lower

FTTS Insp:
 Region: 10
 Inspected Date: 02/29/1996
 Insp Number: 199602297066 1
 Violation occurred: Not reported
 Inspector: MCDERMOTT
 Investigation Type: Section 6 PCB Federal Conducted
 Facility Function: User
 Investig Reason: Neutral Scheme, Region
 Legislation Code: TSCA

Actual:
16 ft.

C18
West
< 1/8
413 ft.

THE AMALGAMATED SUGAR CO.
5400 DENVER AVE SO.
SEATTLE, WA 98108

UST U000920803
N/A

Site 2 of 3 in cluster C

Relative:
Lower

UST:
 Facility ID: 4313
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 3
 Substance: HEATING FUEL
 Compartment #: 1
 Ecology Region: North Western

 Facility ID: 4313
 Install Date: 1/1/1960 00:00:00
 Capacity: 111 to 1,100 Gallons
 Status: Removed
 Tank Name: 2
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

 Facility ID: 4313
 Install Date: 1/1/1960 00:00:00
 Capacity: 111 to 1,100 Gallons
 Status: Removed
 Tank Name: 1
 Substance: UNLEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Actual:
16 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

C19 **AMALGAMATED SUGAR CO SEATTLE**
West **5400 DENVER AVE S**
< 1/8 **SEATTLE, WA 98108**
467 ft.

RCRIS-SQG **1000838139**
FINDS **WAD988508628**

Site 3 of 3 in cluster C

Relative:
 Lower

RCRIS:

Owner: AMALGAMATED SUGAR CO
 (801) 399-3431
 EPA ID: WAD988508628
 Contact: RICHARD HOWARD
 (503) 282-5573

Actual:
 16 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 National Compliance Database (NCDB)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

20 **OLYMPIC FOUNDRY**
NNE **5200 AIRPORT WAY S**
< 1/8 **SEATTLE, WA 98108**
580 ft.

RCRIS-SQG **1000302380**
FINDS **WAD009271164**
UST

Relative:
 Higher

RCRIS:

Owner: OLYMPIC FOUNDRY
 (360) 555-1212
 EPA ID: WAD009271164
 Contact: HAZ-WASTE MGR
 (360) 457-4474

Actual:
 20 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 National Compliance Database (NCDB)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

UST:

Facility ID: 5583
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 to 1,100 Gallons
 Status: Unknown
 Tank Name: #1-SCRAP
 Substance: USED OIL/WASTE OIL
 Compartment #: 1
 Ecology Region: North Western

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

OLYMPIC FOUNDRY (Continued)

1000302380

Facility ID: 5583
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Unknown
 Tank Name: #3-DIESEL
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 5583
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: #2-GAS
 Substance: LEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

21
 West
 < 1/8
 613 ft.

MILWAUKEE ELECTRIC TOOL CORP SEATTLE
5419 MAYNARD AVE S
SEATTLE, WA 98108

RCRIS-SQG 1004793609
FINDS WAD093690519

Relative:
 Lower

RCRIS:
 Owner: MILWAUKEE ELECTRIC TOOL CORP
 (414) 781-3600
 EPA ID: WAD093690519
 Contact: JOHNNY DUNCAN
 (206) 762-8430

Actual:
 16 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Biennial Reporting System (BRS)
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

22
 WSW
 < 1/8
 637 ft.

GE AIRCRAFT ENGINES
637 S LUCILE ST
SEATTLE, WA 98108

RCRIS-SQG 1000214187
FINDS WAD980725006

Relative:
 Lower

Actual:
 15 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GE AIRCRAFT ENGINES (Continued)

1000214187

RCRIS:

Owner: GE AIRCRAFT ENGINES
 (360) 555-1212
 EPA ID: WAD980725006
 Contact: STEVEN WIX
 (206) 764-4837

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

**D23
 SE
 1/8-1/4
 664 ft.**

**PIONEER ENAMEL MANUFACTURE
 5531 AIRPORT WAY S
 SEATTLE, WA 98108**

**RCRIS-SQG 1000312457
 CSCSL WAD009277518
 FINDS
 CERC-NFRAP**

Site 1 of 2 in cluster D

**Relative:
 Higher**

**Actual:
 19 ft.**

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
 Non NPL Code: NFRAP
 Ownership Status: Other

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY
 Assessment: ARCHIVE SITE
 Assessment: PRELIMINARY ASSESSMENT

Completed: 06/01/1981
 Completed: 03/21/1985
 Completed: 03/21/1985

RCRIS:

Owner: PIONEER PORCELAIN ENAMEL CO
 (360) 555-1212
 EPA ID: WAD009277518
 Contact: DICK BRESLIN
 (206) 762-7540

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 National Compliance Database (NCDB)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 2161
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 33 10.98
 Longitude: 122 19 14.48
 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

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PIONEER ENAMEL MANUFACTURE (Continued)

1000312457

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

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)

Arsenic Code:	Not reported
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:	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

Facility ID: 2161
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 33 10.98
 Longitude: 122 19 14.48

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):

Affected Media: Ground 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

Arsenic Code:	Not reported
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:	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

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

PIONEER ENAMEL MANUFACTURE (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000312457

Conventional Contaminants, Inorganic: Not reported

Facility ID: 2161

MTBE Code: Not reported

Responsible Unit: Northwest Region

Latitude: 47 33 10.98

Longitude: 122 19 14.48

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):

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

Arsenic Code: Not reported

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: 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

D24
 SE
 1/8-1/4
 664 ft.

PIONEER PORCELAIN ENAMEL CO INC
5531 AIRPORT WAY S
SEATTLE, WA 98108

FTTS 1006448064
 N/A

Site 2 of 2 in cluster D

Relative:
 Higher

Actual:
 19 ft.

FTTS Insp:
 Region: 10
 Inspected Date: 01/25/1991
 Insp Number: 19910125WA003 1
 Violation occurred: Not reported
 Inspector: MAULE
 Investigation Type: Section 6 PCB State Conducted
 Facility Function: User
 Investig Reason: Neutral Scheme, Region
 Legislation Code: TSCA

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EDR ID Number EPA ID Number

25 WNW 1/8-1/4 759 ft.	5300 DENVER AVE S SEATTLE, WA	SPILLS	S105889694 N/A
Relative: Lower	WA SPILL: Facility ID: 534695 Material Desc : PETROLEUM - HYDRAULIC OIL Medium: OTHER Material Qty: 5 Material Units: GALLON Business Name: Not reported IPRP Last Name: Not reported Date Received: 07/01/03		
Actual: 16 ft.			

E26 WSW 1/8-1/4 1029 ft.	SIMON GOLUB SONS INC 5506 6TH AVE S SEATTLE, WA 98108	RCRIS-SQG FINDS	1000473883 WAD988479390
	Site 1 of 2 in cluster E		
Relative: Lower	RCRIS: Owner: SIMON GOLUB SONS INC (360) 555-1212 EPA ID: WAD988479390 Contact: WAYNE ORFF (206) 762-4800 Classification: Small Quantity Generator TSDF Activities: Not reported Violation Status: No violations found		
Actual: 14 ft.			
	FINDS: Other Pertinent Environmental Activity Identified at Site: Facility Registry System (FRS) Resource Conservation and Recovery Act Information system (RCRAINFO)		

E27 WSW 1/8-1/4 1037 ft.	GREATER SEATTLE FLOORS LLC 5517 6TH AVE S SEATTLE, WA 98108	RCRIS-SQG FINDS	1004793801 WAD981768740
	Site 2 of 2 in cluster E		
Relative: Lower	RCRIS: Owner: TERRY SIVERTSON (206) 763-7004 EPA ID: WAD981768740 Contact: THOMAS WELLS (206) 763-7004 Classification: Conditionally Exempt Small Quantity Generator TSDF Activities: Not reported		
Actual: 14 ft.			

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

GREATER SEATTLE FLOORS LLC (Continued)

1004793801

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

28
 SSW
 1/8-1/4
 1090 ft.

ORCAS BUSINESS PARK LLC
 650 S ORCAS
 SEATTLE, WA 98108

RCRIS-SQG 1005445084
 FINDS WAH000013367

Relative:
 Lower

RCRIS:

Owner: JOHN HARVEY
 (206) 766-8179
 EPA ID: WAH000013367
 Contact: MIKE BOYLE
 (206) 525-1085

Actual:
 14 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

29
 SSW
 1/8-1/4
 1094 ft.

VALCO GRAPHICS INC SEATTLE
 674 S ORCAS
 SEATTLE, WA 98108

RCRIS-SQG 1000176328
 FINDS WAD982659906

Relative:
 Lower

RCRIS:

Owner: VALCO GRAPHICS INC
 (360) 555-1212
 EPA ID: WAD982659906
 Contact: ROBERT LEFCOURT
 (206) 575-3500

Actual:
 15 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

F30 **DHL AIRFREIGHT SEATTLE**
SSW **707 S ORCAS**
1/8-1/4 **SEATTLE, WA 98108**
1117 ft.

RCRIS-SQG **1004795036**
FINDS **WAR000005611**

Site 1 of 4 in cluster F

Relative:
Lower

RCRIS:

Owner: DHL AIRWAYS INC
 (415) 593-7474
EPA ID: WAR000005611
Contact: BOB COTTRELL
 (206) 763-4944

Actual:
15 ft.

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

F31 **707 S ORCAS ST**
SSW **SEATTLE, WA**
1/8-1/4
1129 ft.

SPILLS **S105686604**
N/A

Site 2 of 4 in cluster F

Relative:
Lower

WA SPILL:

Facility ID: 530269
Material Desc : OTHER HAZARDOUS
Medium: OTHER
Material Qty: 0
Material Units: Not reported
Business Name: Not reported
IPRP Last Name: Not reported
Date Received: Not reported

Actual:
15 ft.

F32 **PNB BUILDING**
SSW **707 S ORCAS ST**
1/8-1/4 **SEATTLE, WA 98108**
1129 ft.

UST **U003795319**
N/A

Site 3 of 4 in cluster F

Relative:
Lower

UST:

Facility ID: 200597
Install Date: 1/1/1900 00:00:00
Capacity: 5,000 TO-9,999 GALLONS
Status: Removed
Tank Name: 1
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Actual:
15 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

PNB BUILDING (Continued)

U003795319

Facility ID: 200597
 Install Date: 1/1/1900 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 2
 Substance: LEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 200597
 Install Date: 1/1/1900 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 3
 Substance: HAZARDOUS SUBSTANCE
 Compartment #: 1
 Ecology Region: North Western

**F33
 SSW
 1/8-1/4
 1129 ft.**

**PNB BUILDING
 707 S ORCAS ST
 SEATTLE, WA 98108**

**LUST S101150939
 N/A**

Site 4 of 4 in cluster F

**Relative:
 Lower**

**Actual:
 15 ft.**

LUST:

Facility ID: 200597	Ecology Region: NWRO
Release ID: 3034	Release Date: 01/16/92
Release Status: Cleanup Started	Status Date: 1/16/92
Alternate Name: PNB BUILDING	
Lat/Lon: 47.55103 / 122.325596	
Affected Media: Ground Water	
Facility ID: 200597	Ecology Region: NWRO
Release ID: 3034	Release Date: 01/16/92
Release Status: Reported Cleaned Up	Status Date: 5/21/95
Alternate Name: PNB BUILDING	
Lat/Lon: 47.55103 / 122.325596	
Affected Media: Ground Water	
Facility ID: 200597	Ecology Region: NWRO
Release ID: 3034	Release Date: 01/16/92
Release Status: Cleanup Started	Status Date: 1/16/92
Alternate Name: PNB BUILDING	
Lat/Lon: 47.55103 / 122.325596	
Affected Media: Soil	
Facility ID: 200597	Ecology Region: NWRO
Release ID: 3034	Release Date: 01/16/92
Release Status: Reported Cleaned Up	Status Date: 5/21/95
Alternate Name: PNB BUILDING	
Lat/Lon: 47.55103 / 122.325596	
Affected Media: Soil	

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			EDR ID Number
Elevation	Site	Database(s)	EPA ID Number

G34 WNW 1/8-1/4 1145 ft.	CHAS. H. LILLY CO 5200 DENVER AVENUE SOUTH SEATTLE, WA 98108 Site 1 of 2 in cluster G	SSTS	1005911734 N/A
Relative: Lower			
Actual: 15 ft.			

G35 WNW 1/8-1/4 1149 ft.	CHARLES H LILLY CO 5200 DENVER AVE S SEATTLE, WA 98108 Site 2 of 2 in cluster G	RCRIS-SQG FINDS	1000364223 WAD009615956
Relative: Lower	RCRIS: Owner: CHARLES H LILLY CO (503) 289-5937		
Actual: 15 ft.	EPA ID: WAD009615956		
	Contact: FRED TRULLINGER (503) 289-5937		
	Classification: Small Quantity Generator		
	TSDF Activities: Not reported		
	Violation Status: No violations found		

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 National Compliance Database (NCDB)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

36 SE 1/8-1/4 1173 ft.	5628 AIRPORT WY S SEATTLE, WA WA SPILL: Facility ID: 501595 Material Desc : CHEMICAL Medium: SURFACE WATER-FRESH Material Qty: Not reported Material Units: Not reported Business Name: PRINT SHOP IPRP Last Name: Not reported Date Received: Not reported	SPILLS	S105387823 N/A
Relative: Higher			
Actual: 20 ft.			

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

37
West
1/8-1/4
1224 ft.

U S BANK OF WASHINGTON
1137 S W HANFORD ST
SEATTLE, WA 98134

LUST **U001778154**
UST **N/A**

Relative:
Lower

LUST:

Facility ID:	102194	Ecology Region:	NWRO
Release ID:	370240	Release Date:	12/15/89
Release Status:	Cleanup Started	Status Date:	12/15/89
Alternate Name:	DONCO		
Lat/Lon	47.57547 / 122.34972		
Affected Media:	Soil		

Actual:
14 ft.

Facility ID:	102194	Ecology Region:	NWRO
Release ID:	370240	Release Date:	12/15/89
Release Status:	Reported Cleaned Up	Status Date:	1/25/90
Alternate Name:	DONCO		
Lat/Lon	47.57547 / 122.34972		
Affected Media:	Soil		

UST:

Facility ID:	102194
Install Date:	1/1/1960 00:00:00
Capacity:	Not reported
Status:	Removed
Tank Name:	1
Substance:	Not reported
Compartment #:	1
Ecology Region:	North Western

Facility ID:	102194
Install Date:	1/1/1960 00:00:00
Capacity:	Not reported
Status:	Removed
Tank Name:	2
Substance:	Not reported
Compartment #:	1
Ecology Region:	North Western

H38
SE
1/8-1/4
1253 ft.

BREESE JONES REFINISHERS
5626 AIRPORT WAY S
SEATTLE, WA 98108

RCRIS-SQG **1000878650**
FINDS **WA0000113712**

Site 1 of 2 in cluster H

Relative:
Higher

RCRIS:

Owner:	BREESE JONES (206) 284-1345
EPA ID:	WA0000113712
Contact:	BREESE JONES (206) 284-1345

Actual:
24 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported

MAP FINDINGS

Map ID							
Direction							
Distance							
Distance (ft.)							EDR ID Number
Elevation	Site				Database(s)		EPA ID Number

BREESE JONES REFINISHERS (Continued)

1000878650

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

H39
SE
1/8-1/4
1258 ft.

WASHINGTON LIQUIDATORS INC
5628 AIRPORT WAY S
SEATTLE, WA 98108

FINDS 1004613308
110011636499

Site 2 of 2 in cluster H

Relative:
Higher

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 National Compliance Database (NCDB)

Actual:
24 ft.

40
West
1/8-1/4
1258 ft.

NORTHWEST CORPORATE PARK BLDG U
520 S BRANDON ST
SEATTLE, WA 98108

UST U003528705
N/A

Relative:
Lower

UST:

Facility ID: 485916
 Install Date: 1/1/1900 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 1
 Substance: UNLEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Actual:
14 ft.

41
SSE
1/8-1/4
1300 ft.

SEATTLE COMMERCIAL FINISHING
5700 CORSON AV S
SEATTLE, WA 98108

RCRIS-SQG 1001490389
FINDS WAD980978506
CSCSL NFA

Relative:
Equal

RCRIS:

Owner: SEATTLE TECHNICAL SVCS
 (206) 322-2141
 EPA ID: WAD980978506
 Contact: MYRON PALMER III
 (206) 322-2141

Actual:
18 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SEATTLE COMMERCIAL FINISHING (Continued)

EDR ID Number
EPA ID Number

Database(s)

1001490389

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

WA NFA:

Facility/Site Id : 2309
Ecology Status : Awaiting Site Hazard Assessment
Independent Status Code : Not reported
WARM Bin Number : Not reported
NFA Code : NFA after Assessment IRAP or VCP
NFA Date : 7/10/98 0:00
Program Plan Code : Not reported
NFA Desc : NFA after assessment, IRAP, or VCP

42
WNW
1/8-1/4
1313 ft.

GE LIGHTING SEATTLE DISTRIBUTION CENTER
549 S DAWSON ST
SEATTLE, WA 98108

RCRIS-SQG 1000920736
FINDS WA0000861187

Relative:
Lower

RCRIS:

Owner: GE LIGHTING
(216) 266-2672
EPA ID: WA0000861187
Contact: TOM HARLAN
(216) 266-2672

Actual:
15 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

43
SSW
1/4-1/2
1372 ft.

AMERICAN TECHNICAL COATINGS IN
666 S FIDALGO ST
SEATTLE, WA 98145

RCRIS-SQG 1000360925
FINDS WAD103354833

Relative:
Lower

RCRIS:

Owner: AMERICAN TECHNICAL COATINGS IN
(360) 555-1212
EPA ID: WAD103354833
Contact: DAVID LUNZER
(206) 762-3222

Actual:
14 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			EDR ID Number
Elevation	Site	Database(s)	EPA ID Number

AMERICAN TECHNICAL COATINGS IN (Continued)

1000360925

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

I44 SEATTLE CITY LIGHT
SSW 7TH / FIDALGO
1/4-1/2 SEATTLE, WA 98108
1413 ft.

WA ICR S105454418
N/A

Site 1 of 2 in cluster I

Relative:
 Lower

WA ICR:

Date Ecology Received Report:	10/31/1994
Contaminants Found at Site:	PCB's
Media Contaminated:	Not reported
Cause of Contamination:	Spill
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	93-41
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported

Actual:
 14 ft.

45 BAXTER RUTHERFORD
SSE 911 SOUTH HOSMER ST
1/4-1/2 SEATTLE, WA 98108
1421 ft.

LUST U003294902
UST N/A

Relative:
 Lower

LUST:

Facility ID:	436872	Ecology Region:	NWRO
Release ID:	436880	Release Date:	08/08/97
Release Status:	Awaiting Cleanup	Status Date:	7/22/97
Alternate Name:	BAXTER RUTHERFORD		
Lat/Lon	47.550453 / 122.320214		
Affected Media:	Soil		

Actual:
 17 ft.

Facility ID:	436872	Ecology Region:	NWRO
Release ID:	436880	Release Date:	08/08/97
Release Status:	Reported Cleaned Up	Status Date:	8/11/97
Alternate Name:	BAXTER RUTHERFORD		
Lat/Lon	47.550453 / 122.320214		
Affected Media:	Soil		

UST:

Facility ID:	436872 -
Install Date:	1/1/1900 00:00:00
Capacity:	Not reported
Status:	Removed
Tank Name:	1
Substance:	UNLEADED GASOLINE
Compartment #:	1
Ecology Region:	North Western

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

BAXTER RUTHERFORD (Continued)

U003294902

I46
SSW
1/4-1/2
1422 ft.

MOORE DATA MGMT SVCS DIV
725 S FIDALGO ST
SEATTLE, WA 98108

RCRIS-SQG 1000217071
FINDS WAD991304437

Site 2 of 2 in cluster I

Relative:
Lower

RCRIS:
Owner: MOORE DATA MGMT SVCS DIV
(360) 555-1212
EPA ID: WAD991304437
Contact: JILL GARDNER
(425) 251-3000

Actual:
14 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

47
SSE
1/4-1/2
1530 ft.

INDUSTRIAL MAGIC HOMER
927 S HOMER ST
SEATTLE, WA 98108

RCRIS-SQG 1001490577
FINDS WAD988475000

Relative:
Equal

RCRIS:
Owner: JOHN LAHORE
(425) 823-6464
EPA ID: WAD988475000
Contact: JOHN LAHORE
(425) 823-6464

Actual:
18 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

48
SW
1/4-1/2
1539 ft.

5817 6TH AVE S.
5817 6TH AVE S.
SEATTLE, WA

ERNS 90191078
N/A

Relative:
Lower

Actual:
13 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

J49
 South
 1/4-1/2
 1610 ft.

WESTERN UNION TEL CO
808 SO FILDAGO ST
SEATTLE, WA 98108

UST **U001127470**
N/A

Site 1 of 2 in cluster J

Relative:
 Lower

UST:

Facility ID: 97407
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 to 1,100 Gallons
 Status: Removed
 Tank Name: 1
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

Actual:
 16 ft.

J50
 South
 1/4-1/2
 1619 ft.

GRAPHIC ARTS CTR THE ALLIED PRINTERS
832 S FIDALGO ST
SEATTLE, WA 98108

RCRIS-SQG **1000249072**
FINDS **WAD009244609**

Site 2 of 2 in cluster J

Relative:
 Lower

RCRIS:

Owner: JOHN TURVILLE
 (206) 767-4190
 EPA ID: WAD009244609
 Contact: CRAIG COATES
 (206) 767-4190

Actual:
 15 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: -200(1)(b)(d) / -630(5)(a)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 02/24/2003
 Actual Date Achieved Compliance: Not reported

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 03/10/2003
 Penalty Type: Not reported

Regulation Violated: -200(1)(d)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 02/24/2003
 Actual Date Achieved Compliance: Not reported

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 03/10/2003
 Penalty Type: Not reported

Regulation Violated: -200(1)(c)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 02/24/2003
 Actual Date Achieved Compliance: Not reported

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 03/10/2003
 Penalty Type: Not reported

Regulation Violated: -200(1)(b) / -630(6)
 Area of Violation: GENERATOR-RECORDKEEPING REQUIREMENTS
 Date Violation Determined: 02/24/2003
 Actual Date Achieved Compliance: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GRAPHIC ARTS CTR THE ALLIED PRINTERS (Continued)

1000249072

Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/10/2003
Penalty Type:	Not reported
Regulation Violated:	-060(5) / -170(2) & -220(1)
Area of Violation:	GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined:	02/24/2003
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/10/2003
Penalty Type:	Not reported
Regulation Violated:	-200(2)(c)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	02/24/2003
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/10/2003
Penalty Type:	Not reported
Regulation Violated:	-630(7) / -200(1)(b)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	02/24/2003
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/10/2003
Penalty Type:	Not reported
Regulation Violated:	-200(1)(b),(2) / -630(5)(a)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	12/11/1997
Actual Date Achieved Compliance:	12/15/1997
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	01/06/1998
Penalty Type:	Not reported

There are 8 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	
	GENERATOR-GENERAL REQUIREMENTS	
	GENERATOR-GENERAL REQUIREMENTS	
	GENERATOR-GENERAL REQUIREMENTS	
	GENERATOR-RECORDKEEPING REQUIREMENTS	
	GENERATOR-GENERAL REQUIREMENTS	
	GENERATOR-RECORDKEEPING REQUIREMENTS	
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19971215

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EDR ID Number EPA ID Number

51 West 1/4-1/2 1622 ft.	BRANOM INSTRUMENT CO INC 5500 4TH AVE S SEATTLE, WA 98108	RCRIS-SQG FINDS	1000842684 WAD001938877
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Relative: RCRIS:
Lower Owner: BRANOM INSTRUMENT CO INC
 (360) 555-1212

Actual: EPA ID: WAD001938877
13 ft. Contact: TROY PERKINS
 (206) 762-6050

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

52 West 1/4-1/2 1627 ft.	NORTHWEST SIGN SUPPLY 5300 4TH AVE S SEATTLE, WA 98108	RCRIS-SQG FINDS	1001969688 WAH000010520
--	---	--------------------	----------------------------

Relative: RCRIS:
Lower Owner: WILLIAM BOONE
 (206) 767-9592

Actual: EPA ID: WAH000010520
13 ft. Contact: LAWRENCE FRAMPTON
 (206) 767-9592

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

K53 WNW 1/4-1/2 1661 ft.	UNION PACIFIC RAILROAD 420 S. DAWSON SEATTLE, WA 98108	WA ICR	S104485376 N/A
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Relative: WA ICR:
Lower Date Ecology Received Report: 11/09/1998

Actual: Contaminants Found at Site: Petroleum products
13 ft. Media Contaminated: Groundwater, Soil
 Cause of Contamination: Tank
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 98-13
 County Code: 17.00000
 Contact: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNION PACIFIC RAILROAD (Continued)

S104485376

Report Title: Not reported

K54
WNW
1/4-1/2
1661 ft.

UNION PACIFIC MOTOR
420 S DAWSON
SEATTLE, WA 98108

LUST U001125790
UST N/A

Site 2 of 22 in cluster K

Relative:
Lower

LUST:

Actual:
13 ft.

Facility ID:	9146	Ecology Region:	NWRO
Release ID:	2920	Release Date:	07/10/90
Release Status:	Cleanup Started	Status Date:	6/1/95
Alternate Name:	UNION PACIFIC RR S DAWSON - TOFC TERMINAL		
Lat/Lon	47.55552 / 122.330311		
Affected Media:	Ground Water		
Facility ID:	9146	Ecology Region:	NWRO
Release ID:	2920	Release Date:	07/10/90
Release Status:	Monitoring	Status Date:	Not reported
Alternate Name:	UNION PACIFIC RR S DAWSON - TOFC TERMINAL		
Lat/Lon	47.55552 / 122.330311		
Affected Media:	Ground Water		
Facility ID:	9146	Ecology Region:	NWRO
Release ID:	2920	Release Date:	07/10/90
Release Status:	Cleanup Started	Status Date:	6/1/95
Alternate Name:	UNION PACIFIC RR S DAWSON - TOFC TERMINAL		
Lat/Lon	47.55552 / 122.330311		
Affected Media:	Soil		
Facility ID:	9146	Ecology Region:	NWRO
Release ID:	2920	Release Date:	07/10/90
Release Status:	Monitoring	Status Date:	Not reported
Alternate Name:	UNION PACIFIC RR S DAWSON - TOFC TERMINAL		
Lat/Lon	47.55552 / 122.330311		
Affected Media:	Soil		

UST:

Facility ID: 9146
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 2
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 9146
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

UNION PACIFIC MOTOR (Continued)

Database(s) EDR ID Number
EPA ID Number

U001125790

**K55
WNW
1/4-1/2
1669 ft.**

**DOW CHEMICAL USA MICHIGAN DIV
UNION PACIFIC RR 4TH & DAWSON
SEATTLE, WA 98124**

**RCRIS-SQG 1000106888
FINDS WAD980981740**

Site 3 of 22 in cluster K

**Relative:
Lower**

RCRIS:

Owner: DOW CHEMICAL

(360) 555-1212

EPA ID: WAD980981740

Contact: CRAIG DOOLITTLE
(517) 636-3874

Classification: Small Quantity Generator

TSDF Activities: Not reported

Violation Status: No violations found

**Actual:
13 ft.**

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

**K56
WNW
1/4-1/2
1669 ft.**

**ARGO TOFC
4TH AVENUE SOUTH & DAWSON STREET
SEATTLE, WA 98124**

**UST U001125147
N/A**

Site 4 of 22 in cluster K

**Relative:
Lower**

UST:

Facility ID: 7803

Install Date: 12/31/1964 00:00:00

Capacity: Not reported

Status: Closed in Place

Tank Name: 1

Substance: LEADED GASOLINE

Compartment #: 1

Ecology Region: North Western

**Actual:
13 ft.**

**K57
WNW
1/4-1/2
1695 ft.**

**402 SOUTH DAWSON
402 SOUTH DAWSON
SEATTLE, WA**

**ERNS 99640184
N/A**

Site 5 of 22 in cluster K

**Relative:
Lower**

**Actual:
13 ft.**

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
K58	WNW	1/4-1/2	1695 ft.		402 SOUTH DAWSON STREET 402 SOUTH DAWSON STREET SEATTLE, WA	ERNS	98456416	N/A
					Site 6 of 22 in cluster K			
					Relative: Lower			
					Actual: 13 ft.			
K59	WNW	1/4-1/2	1695 ft.		UNION PACIFIC RAILROAD CO DAWSON ST 402 S DAWSON ST SEATTLE, WA 98108	RCRIS-SQG FINDS	1005445394	WAH000016659
					Site 7 of 22 in cluster K			
					Relative: Lower			
					Actual: 13 ft.			
					RCRIS: Owner: UNION PACIFIC RAILROAD (402) 271-5000 EPA ID: WAH000016659 Contact: ED WILLIAMS (541) 883-6518 Classification: Small Quantity Generator TSDF Activities: Not reported Violation Status: No violations found			
					FINDS: Other Pertinent Environmental Activity Identified at Site: Facility Registry System (FRS) Resource Conservation and Recovery Act Information system (RCRAINFO)			
K60	WNW	1/4-1/2	1695 ft.		402 SOUTH DAWSON STREET 402 SOUTH DAWSON STREET SEATTLE, WA 0	ERNS	2000521622	N/A
					Site 8 of 22 in cluster K			
					Relative: Lower			
					Actual: 13 ft.			
K61	WNW	1/4-1/2	1698 ft.		LEORE VANVALKENBURG TRUST 5200 4TH AVE S SEATTLE, WA 98108	RCRIS-SQG FINDS	1005445350	WAH000016196
					Site 9 of 22 in cluster K			
					Relative: Lower			
					Actual: 13 ft.			

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

LEORE VANVALKENBURG TRUST (Continued)

1005445350

RCRIS:
 Owner: LEONE VANVALKENBURG TRUST
 (425) 333-6874
 EPA ID: WAH000016196
 Contact: MIKE VANVALKENBURG
 (425) 333-6874
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

K62 NAPA AUTO PARTS SEATTLE
WNW 5201 4TH AVE
1/4-1/2 SEATTLE, WA 98108
1698 ft.

RCRIS-SQG 1000425219
FINDS WAD096764196

Relative:
 Lower

Actual:
 13 ft.

Site 10 of 22 in cluster K
 RCRIS:
 Owner: GENUINE PARTS CO
 (360) 555-1212
 EPA ID: WAD096764196
 Contact: NICK SOKOLOVICH
 (206) 763-2910
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

K63 UNION PACIFIC RAILROAD DIESEL SHOP
WNW 402 S. DAWSON ST.
1/4-1/2 SEATTLE, WA 98108
1709 ft.

WA ICR S104485318
N/A

Relative:
 Lower

Actual:
 13 ft.

Site 11 of 22 in cluster K
 WA ICR:
 Date Ecology Received Report: 01/20/1998
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Groundwater, Soil
 Cause of Contamination: Tank
 Region: North Western
 Type of Report Ecology Received: Final cleanup report
 Site Register Issue: 98-12
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNION PACIFIC RAILROAD DIESEL SHOP (Continued)

S104485318

Date Ecology Received Report: 04/13/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, S
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-31
County Code: 17.00000
Contact: Not reported
Report Title: Interim Action

**K64
WNW
1/4-1/2
1709 ft.**

**402 S DAWSON ST
SEATTLE, WA**

**SPILLS S105400140
N/A**

Site 12 of 22 in cluster K

**Relative:
Lower**

WA SPILL:

Facility ID: 523815
Material Desc : PETROLEUM - OIL OTHER
Medium: SOIL
Material Qty: Not reported
Material Units: Not reported
Business Name: UNION PACIFIC RAILROAD
IPRP Last Name: Not reported
Date Received: Not reported

**Actual:
13 ft.**

**K65
WNW
1/4-1/2
1709 ft.**

**402 S DAWSON ST
SEATTLE, WA**

**SPILLS S105393830
N/A**

Site 13 of 22 in cluster K

**Relative:
Lower**

WA SPILL:

Facility ID: 512671
Material Desc : PETROLEUM - DIESEL FUEL
Medium: ROADWAY-UNPAVED
Material Qty: 55
Material Units: GALLON
Business Name: RAILROAD
IPRP Last Name: Not reported
Date Received: Not reported

**Actual:
13 ft.**

**K66
WNW
1/4-1/2
1709 ft.**

**402 S DAWSON ST
SEATTLE, WA**

**SPILLS S105385197
N/A**

Site 14 of 22 in cluster K

**Relative:
Lower**

WA SPILL:

Facility ID: 428902
Material Desc : CHEMICAL
Medium: BUILDING/STRUCTURE
Material Qty: Not reported
Material Units: Not reported
Business Name: UNION PACIFIC RAILROAD
IPRP Last Name: Not reported

**Actual:
13 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

(Continued)

S105385197

Date Received: Not reported

K67
WNW
1/4-1/2
1709 ft.

402 S DAWSON ST, ARGO RAILYARD
SEATTLE, WA

SPILLS S105392079
N/A

Site 15 of 22 in cluster K

Relative:
Lower

WA SPILL:

Facility ID: 509530
Material Desc : PETROLEUM - DIESEL FUEL
Medium: OTHER
Material Qty: 4
Material Units: GALLON
Business Name: RAILROAD
IPRP Last Name: Not reported
Date Received: Not reported

Actual:
13 ft.

K68
WNW
1/4-1/2
1709 ft.

402 S DAWSON
SEATTLE, WA

SPILLS S105555044
N/A

Site 16 of 22 in cluster K

Relative:
Lower

WA SPILL:

Facility ID: 528501
Material Desc : PETROLEUM - HYDRAULIC OIL
Medium: ROADWAY-PAVED
Material Qty: 30
Material Units: GALLON
Business Name: UNION PACIFIC
IPRP Last Name: Not reported
Date Received: Not reported

Actual:
13 ft.

K69
WNW
1/4-1/2
1709 ft.

402 DAWSON ST
SEATTLE, WA

SPILLS S105788717
N/A

Site 17 of 22 in cluster K

Relative:
Lower

WA SPILL:

Facility ID: 532098
Material Desc : PETROLEUM - DIESEL FUEL
Medium: IMPERMEABLE CONTAINMENT
Material Qty: 30
Material Units: GALLON
Business Name: UNION PACIFIC RAILROAD
IPRP Last Name: LIBBY
Date Received: 02/20/2003

Actual:
13 ft.

Facility ID: 533408
Material Desc : PETROLEUM - HYDRAULIC OIL
Medium: OTHER
Material Qty: 60
Material Units: GALLON
Business Name: Not reported
IPRP Last Name: LIBBY
Date Received: 04/29/03

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105788717

Facility ID: 534400
Material Desc : PETROLEUM - DIESEL FUEL
Medium: RAILROAD YARD
Material Qty: 50
Material Units: GALLON
Business Name: Not reported
IPRP Last Name: Not reported
Date Received: 06/16/03

K70
WNW
1/4-1/2
1709 ft.

402 SOUTH DAWSON ST
SEATTLE, WA

SPILLS S105788779
N/A

Site 18 of 22 in cluster K

Relative:
Lower

WA SPILL:

Facility ID: 532391
Material Desc : PETROLEUM - DIESEL FUEL
Medium: SOIL
Material Qty: 10
Material Units: GALLON
Business Name: UNION PACIFIC
IPRP Last Name: SLOANE
Date Received: 03/11/2003

Actual:
13 ft.

K71
WNW
1/4-1/2
1709 ft.

402 SO DAWSON
SEATTLE, WA

SPILLS S105390341
N/A

Site 19 of 22 in cluster K

Relative:
Lower

WA SPILL:

Facility ID: 506414
Material Desc : PETROLEUM - DIESEL FUEL
Medium: OTHER
Material Qty: 150
Material Units: GALLON
Business Name: GENERAL TRANSPORT CO.
IPRP Last Name: Not reported
Date Received: Not reported

Actual:
13 ft.

K72
WNW
1/4-1/2
1709 ft.

402 S DAWSON
SEATTLE, WA

SPILLS S105554888
N/A

Site 20 of 22 in cluster K

Relative:
Lower

WA SPILL:

Facility ID: 528897
Material Desc : PETROLEUM - HYDRAULIC OIL
Medium: CATCH BASIN
Material Qty: 30
Material Units: GALLON
Business Name: UNION PACIFIC RR
IPRP Last Name: Not reported
Date Received: Not reported

Actual:
13 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S105554888

K73
WNW
1/4-1/2
1709 ft.

402 S DAWSON ST
SEATTLE, WA

SPILLS **S105399658**
 N/A

Site 21 of 22 in cluster K

Relative:
 Lower

WA SPILL:

Facility ID: 522799
 Material Desc : PETROLEUM - HYDRAULIC OIL
 Medium: SOIL
 Material Qty: 15
 Material Units: GALLON
 Business Name: UNION PACIFIC RAILROAD
 IPRP Last Name: Not reported
 Date Received: Not reported

Actual:
 13 ft.

K74
WNW
1/4-1/2
1715 ft.

401 S DAWSON, UNION PACIFIC RAIL YARD
SEATTLE, WA

SPILLS **S105387063**
 N/A

Site 22 of 22 in cluster K

Relative:
 Lower

WA SPILL:

Facility ID: 430361
 Material Desc : CHEMICAL
 Medium: SOIL
 Material Qty: 40
 Material Units: GALLON
 Business Name: RAILROAD
 IPRP Last Name: Not reported
 Date Received: Not reported

Actual:
 13 ft.

L75
SSE
1/4-1/2
1746 ft.

QUICK START NORTHWEST INC
913 S DORIS
SEATTLE, WA 98108

RCRIS-SQG **1000172989**
FINDS **WAD076648187**

Site 1 of 3 in cluster L

Relative:
 Lower

RCRIS:

Owner: QUICK START NORTHWEST INC
 (360) 555-1212
 EPA ID: WAD076648187
 Contact: HAZ-WASTE MGR
 (360) 475-7805

Actual:
 17 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

QUICK START NORTHWEST INC (Continued)

1000172989

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

L76
 SSE
 1/4-1/2
 1755 ft.

CONTOUR LAMINATES LPA WASH LTD PART
5910 CORSON AVE S
SEATTLE, WA 98109

RCRIS-SQG 1004613356
FINDS WAD009259706

Site 2 of 3 in cluster L

Relative:
 Lower

Actual:
 17 ft.

RCRIS:
 Owner: CHUCK MAIWURM
 (206) 763-0820
 EPA ID: WAD009259706
 Contact: CHUCK MAIWURM
 (206) 763-0820
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 AIRS Facility System (AIRS/AFS)
 Facility Registry System (FRS)
 NEI
 National Compliance Database (NCDB)
 National Emissions Trends (NET)
 National Toxics Inventory (NTI)
 Resource Conservation and Recovery Act Information system (RCRAINFO)
 Toxic Chemical Release Inventory System (TRIS)

L77
 SSE
 1/4-1/2
 1755 ft.

5910 CORSON AVE.
5910 CORSON AVE.
SEATTLE, WA 98108

ERNS 2000548240
N/A

Site 3 of 3 in cluster L

Relative:
 Lower

Actual:
 17 ft.

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			EDR ID Number
Elevation	Site	Database(s)	EPA ID Number

78 SSE 1/4-1/2 1788 ft.	CONTOUR LAMINATES 5910 CORSON AVE S SEATTLE, WA 98108	FTTS	1006433139 N/A
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Relative: Lower	FTTS:	
Actual: 17 ft.	Case Number:	Not reported
	Docket Number:	1090-02-08-325
	Complaint Issued:	02/23/1990
	Complaint Closed:	06/12/1906
	Abatement Amount:	0
	Proposed Penalty:	5000
	Final Assessment:	3000
	Final Order Date:	06/12/1990
	Close Date:	06/12/1906
	Violation:	EPCRA, Nonreporting/Failure to RPT to EPA
	FTTS Insp:	
	Region:	10
	Inspected Date:	07/17/1991
	Insp Number:	199107171709 1
	Violation occurred:	Not reported
	Inspector:	TANGARONE
	Investigation Type:	Section 6 PCB Federal Conducted
	Facility Function:	User
	Investig Reason:	Neutral Scheme, Region
	Legislation Code:	TSCA

M79 SSE 1/4-1/2 1795 ft.	945 SO DORIS ST SEATTLE, WA	SPILLS	S105390202 N/A
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	Site 1 of 2 in cluster M	
Relative: Equal	WA SPILL:	
	Facility ID:	506197
Actual: 18 ft.	Material Desc :	OTHER HAZARDOUS
	Medium:	SOIL
	Material Qty:	50
	Material Units:	GALLON
	Business Name:	ADHESIVES
	IPRP Last Name:	Not reported
	Date Received:	Not reported

M80 SSE 1/4-1/2 1799 ft.	ATWOOD ADHESIVES 945 S DORIS SEATTLE, WA 98108	FINDS	1004613344 110011635374
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	Site 2 of 2 in cluster M	
Relative: Equal	FINDS:	
	Other Pertinent Environmental Activity Identified at Site:	
Actual: 18 ft.	Facility Registry System (FRS)	
	National Compliance Database (NCDB)	

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

81 **5810 AIRPORT WAY SOUTH (WAREHOUSE)**
SE **5810 AIRPORT WAY SOUTH (WAREHOUSE)**
1/4-1/2 **SEATTLE, WA**
1812 ft.

ERNS **93335321**
 N/A

Relative:
Higher

Actual:
22 ft.

82 **DRAPER MACHINE WORKS INC**
WNW **5055 4TH AVE S**
1/4-1/2 **SEATTLE, WA 98134**
1811 ft.

RCRIS-SQG **1000346346**
 FINDS **WAD982657959**
 LUST
 WA ICR
 UST

Relative:
Lower

Actual:
14 ft.

RCRIS:
 Owner: DRAPER ASSOC PARTNERSHIP DRAPER MACHINE
 (206) 282-5555
 EPA ID: WAD982657959
 Contact: CHARLES DRAPER JR
 (206) 282-5555
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

LUST:
 Facility ID: 3876 Ecology Region: NWRO
 Release ID: 1630 Release Date: 11/22/89
 Release Status: Cleanup Started Status Date: 6/1/95
 Alternate Name: DRAPER MACHINE (FORMER HOWARD COOPER PROPERTY)
 Lat/Lon 47.55579 / 122.32965
 Affected Media: Soil

Facility ID: 3876 Ecology Region: NWRO
 Release ID: 1630 Release Date: 11/22/89
 Release Status: Reported Cleaned Up Status Date: 6/29/00
 Alternate Name: DRAPER MACHINE (FORMER HOWARD COOPER PROPERTY)
 Lat/Lon 47.55579 / 122.32965
 Affected Media: Soil

WA ICR:
 Date Ecology Received Report: 06/29/2000
 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: 98-27
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

DRAPER MACHINE WORKS INC (Continued)

1000346346

UST:

Facility ID: 3876
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 to 1,100 Gallons
 Status: Removed
 Tank Name: 2
 Substance: USED OIL/WASTE OIL
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 3876
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 to 1,100 Gallons
 Status: Removed
 Tank Name: 1
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

83
 North
 1/4-1/2
 1846 ft.

**4865 AIRPORT WAY
 SEATTLE, WA**

**HMIRS 97060404
 N/A**

**Relative:
 Higher**

**Actual:
 27 ft.**

N84
 SSE
 1/4-1/2
 1916 ft.

**GEORGETOWN GULL 1228
 5959 CORSON AVE S
 SEATTLE, WA 98108**

**RCRIS-SQG 1000395054
 FINDS WAD981763352**

Site 1 of 3 in cluster N

**Relative:
 Lower**

RCRIS:
 Owner: DELTA CONSTRUCTION CO
 (360) 555-1212
 EPA ID: WAD981763352
 Contact: STRYKAR HELGELAND
 (206) 767-7415

**Actual:
 17 ft.**

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

N85 ALKI AUTO BODY INC
SSE 5958 CORSON AVE S
1/4-1/2 SEATTLE, WA 98108
1916 ft.

RCRIS-SQG 1000993134
FINDS WAR000001677

Site 2 of 3 in cluster N

Relative:
 Lower

RCRIS:
 Owner: CESAR AJETO
 (253) 735-6681
 EPA ID: WAR000001677
 Contact: OSCAR AJETO
 (206) 935-5140

Actual:
 17 ft.

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1999

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	2475.08	D035	2475.08
F003	2475.08	F005	2475.08

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

86 ACE RADIATOR
West 311 S BRANDON ST
1/4-1/2 SEATTLE, WA 98108
1927 ft.

RCRIS-SQG 1000129406
FINDS WAD027405406
SPILLS
CSCSL NFA

Relative:
 Lower

RCRIS:
 Owner: ACE RADIATOR
 (360) 555-1212
 EPA ID: WAD027405406
 Contact: BONNIE COLES
 (602) 726-5260

Actual:
 12 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

WA SPILL:

Facility ID: 429791
 Material Desc: CHEMICAL
 Medium: UNKNOWN
 Material Qty: Not reported
 Material Units: Not reported
 Business Name: UNKNOWN
 IPRP Last Name: Not reported
 Date Received: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation .Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ACE RADIATOR (Continued)

1000129406

WA NFA:
 Facility/Site Id : 59441643
 Ecology Status : Awaiting Site Hazard Assessment
 Independent Status Code : Not reported
 WARM Bin Number : Not reported
 NFA Code : NFA after Assessment IRAP or VCP
 NFA Date : 12/30/02 0:00
 Program Plan Code : Not reported
 NFA Desc : NFA after assessment, IRAP, or VCP

**N87
 SSE
 1/4-1/2
 1939 ft.**

**GEORGETOWN GULL #1228
 5959 CORSON AVENUE SOUTH
 SEATTLE, WA 98108**

**LUST U003028256
 WA ICR N/A
 UST**

Site 3 of 3 in cluster N

Relative:
 Lower

Actual:
 17 ft.

LUST:
 Facility ID: 7730 Ecology Region: NWRO
 Release ID: 536864 Release Date: 05/11/00
 Release Status: Cleanup Started Status Date: 1/1/87
 Alternate Name: GEORGETOWN CENTER (FORMER GULL)
 Lat/Lon 47.54908 / 122.32091
 Affected Media: Ground Water

Facility ID: 7730 Ecology Region: NWRO
 Release ID: 536864 Release Date: 05/11/00
 Release Status: Cleanup Started Status Date: 1/1/87
 Alternate Name: GEORGETOWN CENTER (FORMER GULL)
 Lat/Lon 47.54908 / 122.32091
 Affected Media: Soil

WA ICR:
 Date Ecology Received Report: 05/11/2000
 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: 98-26
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

UST:
 Facility ID: 7730
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 1
 Substance: UNLEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GEORGETOWN GULL #1228 (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003028256

Facility ID: 7730
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 2
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 7730
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 4
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

**O88
SSW
1/4-1/2
1939 ft.**

**WESTMAR SERVICES INC
5930 6TH AVE S
SEATTLE, WA 98108**

**UST U001126837
N/A**

Site 1 of 2 in cluster O

**Relative:
Lower**

**Actual:
13 ft.**

UST:
Facility ID: 11537
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 2 DIESEL
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 11537
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1 GAS
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

**O89
SSW
1/4-1/2
1946 ft.**

**WESTMAR SERVICES INC
5930 6TH AVE S
SEATTLE, WA 98108**

**RCRIS-SQG 1001234120
FINDS WAH000005322**

Site 2 of 2 in cluster O

**Relative:
Lower**

**Actual:
13 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

WESTMAR SERVICES INC (Continued)

1001234120

RCRIS:

Owner: ALBERT ROSELLINI
 (206) 763-7110
 EPA ID: WAH000005322
 Contact: STEVE MANOLIDES
 (206) 762-7398
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

P90
 SSE
 1/4-1/2
 1949 ft.

AC PROPELLER SERVICE INC
 925 S NEBRASKA
 SEATTLE, WA 98108

RCRIS-SQG 1000128819
 FINDS WAD044041259

Site 1 of 2 in cluster P

Relative:
 Lower

RCRIS:

Owner: A C PROPELLER SERVICE INC
 (206) 762-1225
 EPA ID: WAD044041259
 Contact: MICHAEL WORDEN
 (206) 762-1225

Actual:
 17 ft.

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 200(1)(c)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 03/22/1994
 Actual Date Achieved Compliance: 06/06/1994

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/09/1994
 Penalty Type: Not reported

Regulation Violated: 200(1)(d)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 03/22/1994
 Actual Date Achieved Compliance: 06/06/1994

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/09/1994
 Penalty Type: Not reported

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

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19940606
	GENERATOR-GENERAL REQUIREMENTS	19940606

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
EPA ID Number

AC PROPELLER SERVICE INC (Continued)

1000128819

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

Q91
SW
1/4-1/2
1952 ft.

PACIFIC MARINE TESTING CO
5807 4TH AVE S
SEATTLE, WA 98108

RCRIS-SQG 1000473811
FINDS WAD988478046

Site 1 of 3 in cluster Q

Relative:
Lower

Actual:
12 ft.

RCRIS:
Owner: PACIFIC MARINE TESTING CO
(425) 603-9886
EPA ID: WAD988478046
Contact: TAGAY KANG
(425) 603-9886

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

Q92
SW
1/4-1/2
1957 ft.

WEAR COTE NORTHWEST INC
5811 4TH AVE S
SEATTLE, WA 98108

RCRIS-SQG 1000352127
FINDS WAD137698049

Site 2 of 3 in cluster Q

Relative:
Lower

Actual:
12 ft.

RCRIS:
Owner: WEAR COTE NORTHWEST INC
(360) 555-1212
EPA ID: WAD137698049
Contact: ALLEN CODLING
(206) 767-7424

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

P93 MAIL DISPATCH INC
SSE 917 S NEBRASKA
1/4-1/2 SEATTLE, WA 98108
1963 ft.

UST U001122193
N/A

Site 2 of 2 in cluster P

**Relative:
 Lower**

UST:
 Facility ID: 899
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Unknown
 Tank Name: 1
 Substance: UNLEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

**Actual:
 17 ft.**

Q94 ART BRASS PLATING
SW 5815 4TH AVE S
1/4-1/2 SEATTLE, WA 98108
1963 ft.

RCRIS-SQG 1000105239
FINDS WAD009247404

Site 3 of 3 in cluster Q

**Relative:
 Lower**

RCRIS:
 Owner: ART BRASS PLATING INC
 (360) 555-1212
 EPA ID: WAD009247404
 Contact: DEAN ALLSTROM
 (206) 767-4443
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

**Actual:
 12 ft.**

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

R95 LUMBER TRUCKING
SSE 943 S NEBRASKA AVE
1/4-1/2 SEATTLE, WA 98108
1983 ft.

RCRIS-SQG 1000121662
FINDS WAD004909826

Site 1 of 2 in cluster R

**Relative:
 Equal**

RCRIS:
 Owner: AJL INC
 (360) 555-1212
 EPA ID: WAD004909826
 Contact: DONALD RAMSEY
 (425) 251-6151
 Classification: Small Quantity Generator
 TSDF Activities: Not reported

**Actual:
 18 ft.**

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

LUMBER TRUCKING (Continued)

1000121662

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

R96
 SSE
 1/4-1/2
 2026 ft.

950 S NEBRASKA ST
 SEATTLE, WA

SPILLS S105554597
 N/A

Site 2 of 2 in cluster R

Relative:
 Equal

WA SPILL:
 Facility ID: 527723
 Material Desc : CHEMICAL
 Medium: OTHER
 Material Qty: Not reported
 Material Units: Not reported
 Business Name: Not reported
 IPRP Last Name: Not reported
 Date Received: Not reported

Actual:
 18 ft.

97
 East
 1/4-1/2
 2073 ft.

PAVLINOVIC SENKA
 5260 & 5254 15TH AVE
 SEATTLE, WA 98122

RCRIS-SQG 1000993008
 FINDS WAR000000315

Relative:
 Higher

RCRIS:
 Owner: PAVLINOVIC SENKA
 (360) 555-1212
 EPA ID: WAR000000315
 Contact: WADE WHITTON
 (425) 271-9834
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Actual:
 188 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

98
 SW
 1/4-1/2
 2085 ft.

AM INTERNATIONAL
 5901 4TH AVE S
 SEATTLE, WA 98108

RCRIS-SQG 1000120189
 FINDS WAD001680883

Relative:
 Lower

Actual:
 11 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AM INTERNATIONAL (Continued)

1000120189

RCRIS:

Owner: A&M INC
 (360) 555-1212
 EPA ID: WAD001680883
 Contact: JANICE BUCK
 (206) 763-9824
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

**S99
 NNW
 1/4-1/2
 2112 ft.**

**CONSOLIDATED FREIGHTWAYS S EDMUNDS
 655 S EDMUNDS ST
 SEATTLE, WA 98108**

**CSCSL NFA S105831545
 N/A**

Site 1 of 5 in cluster S

**Relative:
 Higher**

WA NFA:
 Facility/Site Id : 77492128
 Ecology Status : Independent Remedial Action
 Independent Status Code : Final Independent RA Report received
 WARM Bin Number : Not reported
 NFA Code : NFA after Assesment IRAP or VCP
 NFA Date : 10/3/97 0:00
 Program Plan Code : Not reported
 NFA Desc : NFA after assessment, IRAP, or VCP

**Actual:
 19 ft.**

**S100
 NNW
 1/4-1/2
 2112 ft.**

**CONSOLIDATED FREIGHTWAYS
 655 S EDMUNDS
 SEATTLE, WA 98108**

**UST U003749996
 N/A**

Site 2 of 5 in cluster S

**Relative:
 Higher**

UST:
 Facility ID: 200206
 Install Date: 1/1/1900 00:00:00
 Capacity: 111 TO 1,000 GALLONS
 Status: Removed
 Tank Name: 1
 Substance: HEATING FUEL
 Compartment #: 1
 Ecology Region: North Western

**Actual:
 19 ft.**

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

S101
NNW
1/4-1/2
2112 ft.

CONSOLIDATED FREIGHTWAYS
655 S. EDMUNDS
SEATTLE, WA 98108

WA ICR **S104486386**
 N/A

Site 3 of 5 in cluster S

Relative:
 Higher

WA ICR:
 Date Ecology Received Report: 08/13/1997
 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: 98-26
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Actual:
 19 ft.

Date Ecology Received Report: 03/24/1992
 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: 92-20
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

102
WSW
1/4-1/2
2148 ft.

BLASER DIE CASTING CO
5700 3RD AV S
SEATTLE, WA 98108

FINDS **1004614176**
110011636408

Relative:
 Lower

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 National Compliance Database (NCDB)

Actual:
 11 ft.

S103
NNW
1/4-1/2
2150 ft.

ALLTRANS EXPRESS DIV TNT CANAD
655 S EDMUNDS ST
SEATTLE, WA 98108

RCRIS-SQG **1000419571**
FINDS **WAD980974190**

Site 4 of 5 in cluster S

Relative:
 Higher

RCRIS:
 Owner: ALLTRANS EXPRESS DIV
 (360) 555-1212
 EPA ID: WAD980974190
 Contact: STEVE HOLMER
 (206) 587-6533

Actual:
 19 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

ALLTRANS EXPRESS DIV TNT CANAD (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Violation Status: No violations found

1000419571

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

**S104
 NNW
 1/4-1/2
 2163 ft.**

**SAMIS FOUNDATION
 636 S EDMUNDS ST
 SEATTLE, WA 98108**

**RCRIS-SQG 1000327649
 FINDS WAD988474193**

Site 5 of 5 in cluster S

**Relative:
 Equal**

RCRIS:

Owner: KEITH ROGSTAD
 (425) 828-2632
 EPA ID: WAD988474193
 Contact: ADAM HASSON
 (206) 622-3363

**Actual:
 18 ft.**

Classification: Small Quantity Generator
 TSD Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

**T105
 SE
 1/4-1/2
 2185 ft.**

**OSTEX INTL INC 5955 AIRPORT WAY
 5955 AIRPORT WAY S
 SEATTLE, WA 98108**

**RCRIS-SQG 1005445176
 FINDS WAH000014365**

Site 1 of 2 in cluster T

**Relative:
 Higher**

RCRIS:

Owner: OSTEX INTERNATIONAL INC
 (206) 292-8082
 EPA ID: WAH000014365
 Contact: NGOZIDILENNA WILKINS
 (206) 292-8082

**Actual:
 22 ft.**

Classification: Conditionally Exempt Small Quantity Generator
 TSD Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

U106 ALEUTIAN CONSTRUCTORS
SW 5939 4TH AVE S
1/4-1/2 SEATTLE, WA 98108
2197 ft.

RCRIS-SQG 1000428719
FINDS WAD982654972

Relative:
Lower

Site 1 of 2 in cluster U

Actual:
11 ft.

RCRIS:
Owner: CHRISTENSON RABER KIEF & ASSOC INC
(206) 762-4215
EPA ID: WAD982654972
Contact: GARY JOHNSON
(206) 762-4219

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 170(1)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/17/1998
Actual Date Achieved Compliance: 09/04/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/17/1998
Penalty Type: Not reported

Regulation Violated: 170(3)(b)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/13/1998
Actual Date Achieved Compliance: 09/04/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/17/1998
Penalty Type: Not reported

Regulation Violated: 200(1)(c)(d)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/13/1998
Actual Date Achieved Compliance: 09/04/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/17/1998
Penalty Type: Not reported

Regulation Violated: 200(1)(b), 630(5)(a)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/13/1998
Actual Date Achieved Compliance: 09/04/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/17/1998
Penalty Type: Not reported

Regulation Violated: 200(1)(b), 630(7)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/13/1998
Actual Date Achieved Compliance: 09/04/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/17/1998
Penalty Type: Not reported

There are 5 violation record(s) reported at this site:

Evaluation _____ Area of Violation _____

Date of
Compliance

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ALEUTIAN CONSTRUCTORS (Continued)

1000428719

Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19980904
	GENERATOR-GENERAL REQUIREMENTS	19980904
	GENERATOR-GENERAL REQUIREMENTS	19980904
	GENERATOR-GENERAL REQUIREMENTS	19980904
	GENERATOR-GENERAL REQUIREMENTS	19980904

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

107
SSE
1/4-1/2
2242 ft.

LAUCKS TESTING LABORATORIES HARNEY ST
921 S HARNEY ST
SEATTLE, WA 98108

RCRIS-SQG 1000173559
FINDS WAD981762024

Relative:
Lower

RCRIS:

Owner: JAMES OWENS
 (206) 767-5060

Actual:
17 ft.

EPA ID: WAD981762024

Contact: HARRY ROMBERG
 (206) 767-5060

Classification: Small Quantity Generator
 TSD Activities: Not reported

Violation Status: Violations exist

Regulation Violated: -200(1)(b) / -630(5)(a)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 10/31/2000
 Actual Date Achieved Compliance: 01/08/2001

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 11/28/2000
 Penalty Type: Not reported

Regulation Violated: -200(1)(d)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 10/31/2000
 Actual Date Achieved Compliance: 01/08/2001

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 11/28/2000
 Penalty Type: Not reported

Regulation Violated: -395(6)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 10/31/2000
 Actual Date Achieved Compliance: 01/08/2001

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 11/28/2000
 Penalty Type: Not reported

Regulation Violated: 200(2)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 06/10/1998
 Actual Date Achieved Compliance: 07/20/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 06/16/1998
 Penalty Type: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

LAUCKS TESTING LABORATORIES HARNEY ST (Continued)

1000173559

Regulation Violated:	120(4)(a)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	06/10/1998
Actual Date Achieved Compliance:	08/03/1998
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/16/1998
Penalty Type:	Not reported
Regulation Violated:	200(1)(b)&630(5)(a)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	06/10/1998
Actual Date Achieved Compliance:	06/30/1998
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/16/1998
Penalty Type:	Not reported
Regulation Violated:	200(1)(d)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	06/10/1998
Actual Date Achieved Compliance:	07/15/1998
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/16/1998
Penalty Type:	Not reported
Regulation Violated:	200(1)(b)&630(5)(c)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	06/10/1998
Actual Date Achieved Compliance:	06/22/1998
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/16/1998
Penalty Type:	Not reported
Regulation Violated:	630(6)&320(1)(2abd)(3)
Area of Violation:	GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined:	06/10/1998
Actual Date Achieved Compliance:	06/22/1998
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/16/1998
Penalty Type:	Not reported
Regulation Violated:	200(1)(e)&350&360
Area of Violation:	GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined:	06/10/1998
Actual Date Achieved Compliance:	08/03/1998
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/16/1998
Penalty Type:	Not reported
Regulation Violated:	200(1)(e)&330
Area of Violation:	GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined:	06/10/1998
Actual Date Achieved Compliance:	09/22/1998
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/16/1998
Penalty Type:	Not reported

There are 11 violation record(s) reported at this site:

Evaluation _____ Area of Violation _____

Date of
Compliance

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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LAUCKS TESTING LABORATORIES HARNEY ST (Continued)

1000173559

Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20010108
	GENERATOR-GENERAL REQUIREMENTS	20010108
	GENERATOR-GENERAL REQUIREMENTS	20010108
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19980720
	GENERATOR-GENERAL REQUIREMENTS	19980803
	GENERATOR-GENERAL REQUIREMENTS	19980630
	GENERATOR-GENERAL REQUIREMENTS	19980715
	GENERATOR-GENERAL REQUIREMENTS	19980622
	GENERATOR-RECORDKEEPING REQUIREMENTS	19980622
	GENERATOR-RECORDKEEPING REQUIREMENTS	19980803
	GENERATOR-RECORDKEEPING REQUIREMENTS	19980922

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Biennial Reporting System (BRS)
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

V108 FOSTERS SVC CORP
SSE 934 S HARNEY ST
1/4-1/2 SEATTLE, WA 98108
2255 ft.

RCRIS-SQG 1000403636
FINDS WAD982654576

Site 1 of 3 in cluster V

Relative:
 Lower

RCRIS:
 Owner: FOSTERS SVC CORP
 (360) 555-1212
 EPA ID: WAD982654576
 Contact: LLOYD MATSON
 (425) 823-1596

Actual:
 17 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

V109 LAUCKS TESTING LABORATORIES
SSE 940 S HARNEY ST
1/4-1/2 SEATTLE, WA 98108
2263 ft.

FINDS 1000173558
RCRIS-LQG WAD027446608

Site 2 of 3 in cluster V

Relative:
 Equal

Actual:
 18 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LAUCKS TESTING LABORATORIES (Continued)

1000173558

RCRIS:

Owner: JAMES OWENS
(206) 767-5060
EPA ID: WAD027446608
Contact: HARRY ROMBERG
(206) 767-5060

Classification: Large Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: -395(6)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 10/31/2000
Actual Date Achieved Compliance: 01/08/2001
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/28/2000
Penalty Type: Not reported

Regulation Violated: -170(1)(a) / -070(3)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 10/31/2000
Actual Date Achieved Compliance: 01/08/2001
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/28/2000
Penalty Type: Not reported

Regulation Violated: 141
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 06/10/1998
Actual Date Achieved Compliance: 07/14/1998
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/16/1998
Penalty Type: Not reported

Regulation Violated: 630(6)
Area of Violation: GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined: 06/10/1998
Actual Date Achieved Compliance: 07/20/1998
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/16/1998
Penalty Type: Not reported

Regulation Violated: 350
Area of Violation: GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined: 06/10/1998
Actual Date Achieved Compliance: 07/20/1998
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/16/1998
Penalty Type: Not reported

Regulation Violated: 330
Area of Violation: GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined: 06/10/1998
Actual Date Achieved Compliance: 09/22/1998
Enforcement Action: WRITTEN INFORMAL

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

LAUCKS TESTING LABORATORIES (Continued)

1000173558

Enforcement Action Date: 06/16/1998
 Penalty Type: Not reported

Regulation Violated: 200(1)(a)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 06/10/1998
 Actual Date Achieved Compliance: 07/14/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 06/16/1998
 Penalty Type: Not reported

Regulation Violated: 200(1)(c)(d)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 06/10/1998
 Actual Date Achieved Compliance: 07/06/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 06/16/1998
 Penalty Type: Not reported

Regulation Violated: 200(1)(a)(b)(c)(d),120(4)(a)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 06/10/1998
 Actual Date Achieved Compliance: 08/03/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 06/16/1998
 Penalty Type: Not reported

Regulation Violated: 200(2)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 06/10/1998
 Actual Date Achieved Compliance: 07/20/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 06/16/1998
 Penalty Type: Not reported

There are 10 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20010108
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20010108
	GENERATOR-GENERAL REQUIREMENTS	19980714
	GENERATOR-RECORDKEEPING REQUIREMENTS	19980720
	GENERATOR-RECORDKEEPING REQUIREMENTS	19980720
	GENERATOR-RECORDKEEPING REQUIREMENTS	19980922
	GENERATOR-GENERAL REQUIREMENTS	19980714
	GENERATOR-GENERAL REQUIREMENTS	19980706
	GENERATOR-GENERAL REQUIREMENTS	19980803
	GENERATOR-GENERAL REQUIREMENTS	19980720

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Biennial Reporting System (BRS)
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

LAUCKS TESTING LABORATORIES (Continued)

1000173558

U110
 SW
 1/4-1/2
 2264 ft.

SAHLBERG EQUIPMENT
 5950 4TH AVE S
 SEATTLE, WA 98108

RCRIS-SQG 1001490702
 CSCSL WAD988490496
 FINDS
 WA ICR

Site 2 of 2 in cluster U

Relative:
 Lower

RCRIS:
 Owner: US BANK TRUST
 (206) 344-4571
 EPA ID: WAD988490496

Actual:
 11 ft.

Contact: ROBERT SAHLBERG
 (253) 859-8200

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 2450
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 33 13.21
 Longitude: 122 19 24.1
 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):
 Affected Media: Ground 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)

Arsenic Code:	Not reported
Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
Horizontal Collection Method:	Unknown
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

EDR ID Number
 EPA ID Number

SAHLBERG EQUIPMENT (Continued)

1001490702

Facility ID: 2450
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 33 13.21
 Longitude: 122 19 24.1
 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):
 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
 Arsenic Code: Not reported
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Not reported
 Horizontal Collection Method: Unknown
 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

Facility ID: 2450
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 33 13.21
 Longitude: 122 19 24.1
 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):
 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
 Arsenic Code: Not reported
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Suspected to be present
 Horizontal Collection Method: Unknown
 EPA Priority Pollutants - Metals and Cyanide: Not reported
 Metals - Other non-priority pollutant medals: Not reported
 Polychlorinated biPhenyls (PCBs): Not reported
 Pesticides: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SAHLBERG EQUIPMENT (Continued)

1001490702

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

WA ICR:

Date Ecology Received Report:	07/21/1993
Contaminants Found at Site:	Total petroleum hydrocarbons Halogenated Solvents
Media Contaminated:	Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-07
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	07/21/1993
Contaminants Found at Site:	Total petroleum hydrocarbons Polynuclear aromatic hydrocarbons Chlorinated solvents
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Not reported
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-18
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	04/01/1993
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Not reported
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-04
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported

111 DRESSER RAND
West 225 S LUCILE ST
1/4-1/2 SEATTLE, WA 98108
2269 ft.

FINDS 1000386351
RCRIS-LQG WAD981764152

Relative:
Lower

Actual:
11 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

DRESSER RAND (Continued)

1000386351

RCRIS:

Owner: DRESSER RAND CO
 (281) 363-7655
 EPA ID: WAD981764152
 Contact: BILL MCAVAN
 (206) 762-7660

Classification: Large Quantity Generator
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated:	-220(1)(a) / -060(5) / -170(2)
Area of Violation:	GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined:	09/11/2002
Actual Date Achieved Compliance:	12/16/2002
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	12/05/2002
Penalty Type:	Not reported
Regulation Violated:	-515(6) / 40 CFR 279.22(c)(1)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	09/11/2002
Actual Date Achieved Compliance:	12/12/2002
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	12/05/2002
Penalty Type:	Not reported
Regulation Violated:	-170(1)(a)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	09/11/2002
Actual Date Achieved Compliance:	12/12/2002
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	12/05/2002
Penalty Type:	Not reported
Regulation Violated:	200(1)D)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	10/01/1998
Actual Date Achieved Compliance:	05/13/1999
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/15/1999
Penalty Type:	Not reported
Regulation Violated:	140(2)/40 CFR 268
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	10/01/1998
Actual Date Achieved Compliance:	05/13/1999
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/15/1999
Penalty Type:	Not reported

There are 5 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-RECORDKEEPING REQUIREMENTS	20021216
	GENERATOR-GENERAL REQUIREMENTS	20021212

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

DRESSER RAND (Continued)

Database(s) EDR ID Number
 EPA ID Number

	GENERATOR-GENERAL REQUIREMENTS	20021212
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19990513
	GENERATOR-GENERAL REQUIREMENTS	19990513

1000386351

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

112
 SSW
 1/4-1/2
 2272 ft.

EMERALD CITY FREIGHT DISTRIBUT
6003 6TH AVE S
SEATTLE, WA 98108

RCRIS-SQG 1000353371
 FINDS WAD981765258

Relative:
Lower

RCRIS:
 Owner: EMERALD CITY FREIGHT DISTRIBUT
 (360) 555-1212
 EPA ID: WAD981765258
 Contact: MARTIN SKELLY
 (206) 767-4427

Actual:
13 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

V113
 SSE
 1/4-1/2
 2278 ft.

FOSTER SERVICE CORP
934 SO HARNEY ST
SEATTLE, WA 98108

UST U003025692
 N/A

Relative:
Lower

Site 3 of 3 in cluster V

UST:
 Facility ID: 11811
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 to 1,100 Gallons
 Status: Closed in Place
 Tank Name: 1
 Substance: LEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Actual:
17 ft.

114
 WSW
 1/4-1/2
 2279 ft.

CAPITAL INDUSTRIES INC
5801 3RD AVE S
SEATTLE, WA 98108

RCRIS-SQG 1000264308
 FINDS WAD009245465
 FTTS

Relative:
Lower

FTTS:
 Case Number: Not reported
 Docket Number: 1091-06-22-325
 Complaint Issued: 07/23/1991
 Complaint Closed: 10/09/1991
 Abatement Amount: 0

Actual:
11 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CAPITAL INDUSTRIES INC (Continued)

1000264308

Proposed Penalty: 117000
Final Assessment: 45500
Final Order Date: 10/09/1991
Close Date: 10/09/1991
Violation: EPCRA, Nonreporting/Failure to RPT to EPA

FTTS Insp:

Region: 10
Inspected Date: 01/24/1991
Insp Number: 19910124AX001 1
Violation occurred: Not reported
Inspector: DAVIS
Investigation Type: EPCRA, Enforcement, Federal Conducted
Facility Function: Manufacturer
Investig Reason: Neutral Scheme, Region
Legislation Code: EPCRA

RCRIS:

Owner: RONALD TAYLOR
(206) 762-8585
EPA ID: WAD009245465
Contact: KEN GRIMM
(206) 762-8585

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 170(1)(a)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 02/13/1998
Actual Date Achieved Compliance: 08/31/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/24/1998
Penalty Type: Not reported

Regulation Violated: 630(5)(a)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 02/13/1998
Actual Date Achieved Compliance: 03/20/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/24/1998
Penalty Type: Not reported

Regulation Violated: 200(1)(c)(d)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 02/13/1998
Actual Date Achieved Compliance: 03/20/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/24/1998
Penalty Type: Not reported

Regulation Violated: 201(2)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 02/13/1998
Actual Date Achieved Compliance: 03/20/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/24/1998

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

CAPITAL INDUSTRIES INC (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000264308

Penalty Type: Not reported
 Regulation Violated: 200(2)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 02/13/1998
 Actual Date Achieved Compliance: 03/20/1998
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 02/24/1998
 Penalty Type: Not reported
 Regulation Violated: 630(6)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 02/13/1998
 Actual Date Achieved Compliance: 03/27/1998
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 02/24/1998
 Penalty Type: Not reported

There are 6 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19980831
	GENERATOR-GENERAL REQUIREMENTS	19980320
	GENERATOR-GENERAL REQUIREMENTS	19980320
	GENERATOR-GENERAL REQUIREMENTS	19980320
	GENERATOR-GENERAL REQUIREMENTS	19980320
	GENERATOR-GENERAL REQUIREMENTS	19980327

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 AIRS Facility System (AIRS/AFS)
 Facility Registry System (FRS)
 NEI
 National Compliance Database (NCDB)
 National Emissions Trends (NET)
 National Toxics Inventory (NTI)
 Resource Conservation and Recovery Act Information system (RCRAINFO)
 Toxic Chemical Release Inventory System (TRIS)

T115
 SE
 1/4-1/2
 2296 ft.

RAINIER ICE & COLD STORAGE INC
 6004 AIRPORT WAY S
 SEATTLE, WA 98108

RCRIS-SQG 1005445091
 FINDS WAH000013433

Site 2 of 2 in cluster T

Relative:
 Higher

Actual:
 22 ft.

RCRIS:
 Owner: RAINIER ICE & COLD STORAGE INC
 (206) 762-8800
 EPA ID: WAH000013433
 Contact: GREGORY MOORE
 (206) 762-8800

Classification: Small Quantity Generator
 TSDF Activities: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

RAINIER ICE & COLD STORAGE INC (Continued)

1005445091

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

W116
West
1/4-1/2
2301 ft.

BINDERY
215 S BENNETT
SEATTLE, WA 98108

RCRIS-SQG 1000104769
FINDS WAD980983969

Site 1 of 3 in cluster W

Relative:
 Lower

RCRIS:
 Owner: BINDERY
 (360) 555-1212
 EPA ID: WAD980983969
 Contact: GLENDA YOUNG
 (206) 763-3745
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

Actual:
 11 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

X117
WNW
1/4-1/2
2313 ft.

GENERAL ELECTRIC AVIATION DIV
220 S DAWSON ST
SEATTLE, WA 98108

RCRIS-SQG 1000214141
CSCSL WAD009278706
FINDS
WA ICR
CORRACTS

Site 1 of 2 in cluster X

Relative:
 Lower

CORRACTS Data:

Actual:
 12 ft.

EPA Id: WAD009278706
 Region: 10
 State: WA
 Area Name: ENTIRE FACILITY
 Original Scheduled Date: Not reported
 New Scheduled Date: 02/03/1998
 Actual Date: Not reported
 Corrective Action: CA725IN - Current Human Exposures Under Control , More information is needed to make a determination

EPA Id: WAD009278706
 Region: 10
 State: WA
 Area Name: ENTIRE FACILITY
 Original Scheduled Date: Not reported
 New Scheduled Date: 07/25/2001
 Actual Date: Not reported
 Corrective Action: CA725IN - Current Human Exposures Under Control , More information is needed to make a determination

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GENERAL ELECTRIC AVIATION DIV (Continued)

1000214141

EPA Id: WAD009278706
Region: 10
State: WA
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: 01/10/2002
Actual Date: Not reported
Corrective Action: CA725IN - Current Human Exposures Under Control , More information is needed to make a determination

EPA Id: WAD009278706
Region: 10
State: WA
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: 06/29/2000
Actual Date: Not reported
Corrective Action: CA725IN - Current Human Exposures Under Control , More information is needed to make a determination

EPA Id: WAD009278706
Region: 10
State: WA
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: 07/20/1994
Actual Date: Not reported
Corrective Action: CA100DC - RFI Imposition , Focused data collection required for stabilization evaluation

The CORRACTS database contains 11 additional records for this site.
Please contact your EDR Account Executive for more information.

RCRIS Corrective Action Summary:

Event: RFI Workplan Approved
Event Date: 11/13/2002
Event: Current Human Exposures under Control, More information is needed to make a determination.
Event Date: 01/10/2002
Event: Igration of Contaminated Groundwater under Control, More information is needed to make a determination.
Event Date: 01/10/2002
Event: Current Human Exposures under Control, More information is needed to make a determination.
Event Date: 07/25/2001
Event: Igration of Contaminated Groundwater under Control, More information is needed to make a determination.
Event Date: 07/25/2001

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

GENERAL ELECTRIC AVIATION DIV (Continued)

1000214141

- Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity because of a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available.
- Event Date: 09/14/2000
- Event: Current Human Exposures under Control, More information is needed to make a determination.
- Event Date: 06/29/2000
- Event: Migration of Contaminated Groundwater under Control, More information is needed to make a determination.
- Event Date: 06/29/2000
- Event: Current Human Exposures under Control, More information is needed to make a determination.
- Event Date: 02/03/1998
- Event: Migration of Contaminated Groundwater under Control, More information is needed to make a determination.
- Event Date: 02/03/1998
- Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time, because it appears to be technically infeasible or inappropriate.
- Event Date: 01/16/1996
- Event: RFA Completed
- Event Date: 03/31/1995
- Event: RFA Determination Of Need For An RFI, RFI is Necessary;
- Event Date: 03/31/1995
- Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
- Event Date: 03/28/1995
- Event: RFA Determination Of Need For An RFI, RFI is Necessary;
- Event Date: 02/07/1995
- Event: RFI Imposition, Focused data collection required for stabilization evaluation.
- Event Date: 07/20/1994

RCRIS:

Owner: GENERAL ELECTRIC CO
(513) 672-3980

EPA ID: WAD009278706

Contact: C. WAYNE SIMPSON
(513) 672-3980

Classification: Small Quantity Generator

TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GENERAL ELECTRIC AVIATION DIV (Continued)

1000214141

Violation Status: Violations exist

Regulation Violated:	-390(2)(a-g)
Area of Violation:	TSD-GENERAL STANDARDS
Date Violation Determined:	12/06/1991
Actual Date Achieved Compliance:	05/12/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/08/1992
Penalty Type:	Not reported
Regulation Violated:	-330(3)
Area of Violation:	TSD-GENERAL STANDARDS
Date Violation Determined:	12/06/1991
Actual Date Achieved Compliance:	05/12/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/08/1992
Penalty Type:	Not reported
Regulation Violated:	-310(2a)(2c)
Area of Violation:	TSD-GENERAL STANDARDS
Date Violation Determined:	12/06/1991
Actual Date Achieved Compliance:	05/12/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/08/1992
Penalty Type:	Not reported
Regulation Violated:	-340(4a)(4b)
Area of Violation:	TSD-PREPAREDNESS/PREVENTION REQUIREMENTS
Date Violation Determined:	12/06/1991
Actual Date Achieved Compliance:	05/12/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/08/1992
Penalty Type:	Not reported
Regulation Violated:	-360(1)
Area of Violation:	TSD-CONTINGENCY PLAN REQUIREMENTS
Date Violation Determined:	12/06/1991
Actual Date Achieved Compliance:	05/12/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/08/1992
Penalty Type:	Not reported
Regulation Violated:	-320(2)(b)
Area of Violation:	TSD-GENERAL STANDARDS
Date Violation Determined:	12/06/1991
Actual Date Achieved Compliance:	05/12/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/08/1992
Penalty Type:	Not reported
Regulation Violated:	-395(1)(a)
Area of Violation:	TSD-GENERAL STANDARDS
Date Violation Determined:	12/06/1991
Actual Date Achieved Compliance:	05/12/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/08/1992
Penalty Type:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GENERAL ELECTRIC AVIATION DIV (Continued)

1000214141

Regulation Violated: -300(5)(b)
 Area of Violation: TSD-GENERAL STANDARDS
 Date Violation Determined: 12/06/1991
 Actual Date Achieved Compliance: 05/12/1992
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 04/08/1992
 Penalty Type: Not reported

Regulation Violated: -060(2)
 Area of Violation: TSD-GENERAL STANDARDS
 Date Violation Determined: 12/06/1991
 Actual Date Achieved Compliance: 05/12/1992
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 04/08/1992
 Penalty Type: Not reported

Regulation Violated: -350(3e)(3f)
 Area of Violation: TSD-CONTINGENCY PLAN REQUIREMENTS
 Date Violation Determined: 12/06/1991
 Actual Date Achieved Compliance: 05/12/1992
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 04/08/1992
 Penalty Type: Not reported

Regulation Violated: Not reported
 Area of Violation: GENERATOR-OTHER REQUIREMENTS
 Date Violation Determined: 12/12/1986
 Actual Date Achieved Compliance: 02/28/1987

Regulation Violated: Not reported
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 12/12/1986
 Actual Date Achieved Compliance: 07/04/1994
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 03/02/1987
 Penalty Type: Not reported

There are 12 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	TSD-GENERAL STANDARDS	19920512
	TSD-GENERAL STANDARDS	19920512
	TSD-GENERAL STANDARDS	19920512
	TSD-PREPAREDNESS/PREVENTION REQUIREMENTS	19920512
	TSD-CONTINGENCY PLAN REQUIREMENTS	19920512
	TSD-CONTINGENCY PLAN REQUIREMENTS	19920512
	TSD-GENERAL STANDARDS	19920512
	TSD-GENERAL STANDARDS	19920512
Compliance Evaluation Inspection	GENERATOR-OTHER REQUIREMENTS	19870228
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940704

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GENERAL ELECTRIC AVIATION DIV (Continued)

1000214141

FINDS:

Other Pertinent Environmental Activity Identified at Site:

- Facility Registry System (FRS)
- Resource Conservation and Recovery Act Information system (RCRAINFO)
- Toxic Chemical Release Inventory System (TRIS)

SHWS:

Facility ID: 2522
MTBE Code: Not reported
Responsible Unit: Northwest Region
Latitude: 47 33 11.34
Longitude: 122 19 51.46
Ecology Site Status relative to the MTCA cleanup process:
Remedial Action in progress
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Affected Media: Ground 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)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: 18
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

Facility ID: 2522
MTBE Code: Not reported
Responsible Unit: Northwest Region
Latitude: 47 33 11.34
Longitude: 122 19 51.46
Ecology Site Status relative to the MTCA cleanup process:
Remedial Action in progress
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
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)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GENERAL ELECTRIC AVIATION DIV (Continued)

1000214141

Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
Horizontal Collection Method:	18
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

WA ICR:

Date Ecology Received Report:	11/02/1992
Contaminants Found at Site:	Metals Petroleum products Chlorinated solvents
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Not reported
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-36
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported

118
 SE
 1/4-1/2
 2327 ft.

RAINIER ICE & COLD STORAGE
6004 AIRPORT WAY SOUTH
SEATTLE, WA 98108

UST U000921773
N/A

Relative:
Higher

UST:

Facility ID:	6526
Install Date:	12/31/1964 00:00:00
Capacity:	111 to 1,100 Gallons
Status:	Closure in Process
Tank Name:	#1
Substance:	LEADED GASOLINE
Compartment #:	1
Ecology Region:	North Western

Actual:
22 ft.

Facility ID:	6526
Install Date:	12/31/1964 00:00:00
Capacity:	Not reported
Status:	Closure in Process
Tank Name:	#2
Substance:	HEATING FUEL
Compartment #:	1
Ecology Region:	North Western

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

RAINIER ICE & COLD STORAGE (Continued)

U000921773

119
WNW
1/4-1/2
2325 ft.

MCKINSTRY CO 5005
5005 3RD AVE S
SEATTLE, WA 98134

RCRIS-SQG **1000263262**
FINDS **WAD980725477**

Relative:
Lower

RCRIS:
 Owner: **GEORGE ALLEN**
 (206) 762-3311

Actual:
14 ft.

EPA ID: **WAD980725477**

Contact: **GARY FADDEN SR**
 (206) 762-3311

Classification: **Small Quantity Generator**
 TSDF Activities: **Not reported**

Violation Status: **No violations found**

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

W120
West
1/4-1/2
2331 ft.

207 BENNETT
207 BENNETT
SEATTLE, WA

ERNS **96482168**
N/A

Site 2 of 3 in cluster W

Relative:
Lower

Actual:
11 ft.

W121
West
1/4-1/2
2331 ft.

SEACAST INC SEATTLE
207 S BENNETT ST
SEATTLE, WA 98108

RCRIS-SQG **1004794138**
FINDS **WAD988492906**

Site 3 of 3 in cluster W

Relative:
Lower

RCRIS:
 Owner: **MIKE ROBINS**
 (206) 767-5759

Actual:
11 ft.

EPA ID: **WAD988492906**

Contact: **KEITH STEMEN**
 (206) 767-5759

Classification: **Small Quantity Generator**
 TSDF Activities: **Not reported**

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site		Database(s)	EDR ID Number EPA ID Number
--	------	--	-------------	--------------------------------

SEACAST INC SEATTLE (Continued)

1004794138

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

122
WSW
1/4-1/2
2342 ft.

BERG EVANS CHAIN CO
217 S FINDLAY ST
SEATTLE, WA 98108

RCRIS-SQG 1004794614
FINDS WAD988523486

Relative:
Lower

RCRIS:
 Owner: IECO HOLDING INC
 (206) 763-2634
 EPA ID: WAD988523486
 Contact: LOREN SALING
 (206) 763-2634

Actual:
11 ft.

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

123
East
1/4-1/2
2349 ft.

SEATTLE SCHOOL DIST 1 CLEVELAND HS
5511 15TH AVE S
SEATTLE, WA 98108

RCRIS-SQG 1001969486
FINDS WAD100568450

Relative:
Higher

RCRIS:
 Owner: SEATTLE SCHOOL DIST 1
 (206) 252-0529
 EPA ID: WAD100568450
 Contact: DAVID WICK
 (206) 252-0529

Actual:
151 ft.

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 National Compliance Database (NCDB)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

Y124 **HAMILTON BUILDING**
SE **6007 12TH AVE S**
1/4-1/2 **SEATTLE, WA 98108**
2353 ft.

RCRIS-SQG **1005445420**
FINDS **WAH000016915**

Site 1 of 2 in cluster Y

Relative:
 Higher

RCRIS:
 Owner: SAMIS LAND CO
 (206) 622-3363

Actual:
 19 ft.

EPA ID: WAH000016915

Contact: ADAM HASSON
 (206) 622-3363

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

125 **SONS OF ITALY CHEVRON 9-3189**
East **5337 15TH AVE S**
1/4-1/2 **SEATTLE, WA 98108**
2354 ft.

WA ICR **U003026454**
UST **N/A**
CSCSL NFA

Relative:
 Higher

WA NFA:
 Facility/Site Id : 2563
 Ecology Status : Independent Remedial Action
 Independent Status Code : Final Independent RA Report received
 WARM Bin Number : Not reported
 NFA Code : NFA after Assesment IRAP or VCP
 NFA Date : 4/30/96 0:00
 Program Plan Code : 3
 NFA Desc : NFA after assessment, IRAP, or VCP

Actual:
 173 ft.

WA ICR:
 Date Ecology Received Report: 12/09/1999
 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: 98-43
 County Code: 17.00000
 Contact: Not reported
 Report Title: Soil Excavation and Sampling - June 1999

UST:

Facility ID: 309084
 Install Date: 1/1/1900 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 1
 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

SONS OF ITALY CHEVRON 9-3189 (Continued)

U003026454

Facility ID: 309084
Install Date: 1/1/1900 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 2
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 309084
Install Date: 1/1/1900 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 3
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 309084
Install Date: 1/1/1900 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 4
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 309084
Install Date: 1/1/1900 00:00:00
Capacity: Not reported
Status: Exempt
Tank Name: 5
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

X126
WNW
1/4-1/2
2369 ft.

FRYER KNOWLES INC
211 S DAWSON ST
SEATTLE, WA 98108

RCRIS-SQG 1004794641
FINDS WAH000000257

Site 2 of 2 in cluster X

Relative:
Lower

RCRIS:

Owner: SUSAN BITTNER
(206) 767-7710

EPA ID: WAH000000257

Contact: BIJAN KAZEMZADEH
(206) 767-7710

Actual:
11 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

FRYER KNOWLES INC (Continued)

1004794641

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Biennial Reporting System (BRS)
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

127
 WSW
 1/4-1/2
 2405 ft.

CONTINENTAL INDUSTRIES
222 S ORCAS
SEATTLE, WA 98108

RCRIS-SQG 1000412949
FINDS WAD027421494

Relative:
 Lower

RCRIS:
 Owner: CONTINENTAL INDUSTRIES
 (360) 555-1212
 EPA ID: WAD027421494
 Contact: HAZ-WASTE MGR
 (425) 774-6602

Actual:
 10 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

128
 NW
 1/4-1/2
 2407 ft.

MCKINSTRY CO STE B
4975 3RD AVE S STE B
SEATTLE, WA 98124

RCRIS-SQG 1000920574
FINDS WA0000470773

Relative:
 Lower

RCRIS:
 Owner: GEORGE ALLEN
 (206) 762-3311
 EPA ID: WA0000470773
 Contact: GARY FADDEN SR
 (206) 762-3311

Actual:
 14 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

129 GEORGETOWN CENTER
SSE NW CORNER OF CORSON AVE S / S MICHIGAN
1/4-1/2 SEATTLE, WA 98108
2419 ft.

CSCSL S104490872
VCP N/A

Relative:
Lower

SHWS:

Facility ID: 96679259
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 32 57.4
 Longitude: 122 19 16.2
 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):
 Affected Media: Ground 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)
 Arsenic Code: Not reported
 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: 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

Actual:
17 ft.

Facility ID: 96679259
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 32 57.4
 Longitude: 122 19 16.2
 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):
 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)
 Arsenic Code: Not reported
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Not reported
 Horizontal Collection Method: 4
 EPA Priority Pollutants - Metals and Cyanide: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

GEORGETOWN CENTER (Continued)

S104490872

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:	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

VCP:

Facility ID :	96679259
WARM BIN # :	Not reported
Ecology Status :	Independent Remedial Action
NFA Code :	Not reported

Y130
SE
1/4-1/2
2423 ft.

JOHN E MAURER
6014 12TH AVE S
SEATTLE, WA 98108

FINDS 1005848730
FTTS 110011563735

Site 2 of 2 in cluster Y

Relative:
Higher

FTTS Insp:

Actual:
19 ft.

Region:	10
Inspected Date:	09/21/2001
Insp Number:	2001092101FED 1
Violation occurred:	Yes
Inspector:	HALL
Investigation Type:	Lead, Section 1018, Federal
Facility Function:	Landlord/Renter Facility
Investig Reason:	For Cause, Private Citizen/Press Complaint
Legislation Code:	TSCA

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
National Compliance Database (NCDB)

Z131
South
1/4-1/2
2439 ft.

TEXACO 121450
6200 CORSON AVE SW
SEATTLE, WA 98108

RCRIS-SQG 1000288053
FINDS WAD980986558

Site 1 of 20 in cluster Z

Relative:
Lower

Actual:
17 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

TEXACO 121450 (Continued)

1000288053

RCRIS:

Owner: EQUILON ENTERPRISES LLC
 (713) 241-2258
 EPA ID: WAD980986558
 Contact: SONDRA BIENVENU
 (713) 241-5036

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

Z132
 South
 1/4-1/2
 2448 ft.

SHELL/TEXACO #121450
 6200 CORSON AVE. S.
 SEATTLE, WA 98108

WA ICR S105687130
 N/A

Relative:
 Lower

Actual:
 17 ft.

Site 2 of 20 in cluster Z

WA ICR:
 Date Ecology Received Report: 01/18/1995
 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: 93-49
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Z133
 South
 1/4-1/2
 2448 ft.

SHELL/TEXACO #121450
 6200 CORSON AVE. S.
 SEATTLE, WA 98108

WA ICR S105687031
 N/A

Relative:
 Lower

Actual:
 17 ft.

Site 3 of 20 in cluster Z

WA ICR:
 Date Ecology Received Report: 06/12/2000
 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: 98-26
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
Z134 South 1/4-1/2 2448 ft.	SHELL/TEXACO #121450 6200 CORSON AVE. S. SEATTLE, WA 98108 Site 4 of 20 in cluster Z	WA ICR	S105687134 N/A
Relative: Lower	WA ICR: Date Ecology Received Report: 05/19/1992		
Actual: 17 ft.	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: 92-28 County Code: 17.00000 Contact: Not reported Report Title: Not reported		
Z135 South 1/4-1/2 2448 ft.	SHELL/TEXACO #121450 6200 CORSON AVE. S. SEATTLE, WA 98108 Site 5 of 20 in cluster Z	WA ICR	S105686940 N/A
Relative: Lower	WA ICR: Date Ecology Received Report: 04/13/1998		
Actual: 17 ft.	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: 98-07 County Code: 17.00000 Contact: Not reported Report Title: Not reported		
Z136 South 1/4-1/2 2448 ft.	SHELL/TEXACO #121450 6200 CORSON AVE. S. SEATTLE, WA 98108 Site 6 of 20 in cluster Z	WA ICR	S105686990 N/A
Relative: Lower	WA ICR: Date Ecology Received Report: 10/04/1999		
Actual: 17 ft.	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: 98-18 County Code: 17.00000 Contact: Not reported Report Title: Not reported		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

Z137
 South
 1/4-1/2
 2448 ft.

SHELL/TEXACO #121450
6200 CORSON AVE. S.
SEATTLE, WA 98108

WA ICR S105687381
N/A

Site 7 of 20 in cluster Z

Relative:
Lower

WA ICR:

Date Ecology Received Report: 05/11/2001
 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: 98-36
 County Code: 17.00000
 Contact: Not reported
 Report Title: Semiannual Monitoring - March 2001

Actual:
17 ft.

Z138
 South
 1/4-1/2
 2448 ft.

SHELL/TEXACO #121450
6200 CORSON AVE. S.
SEATTLE, WA 98108

WA ICR S105687135
N/A

Site 8 of 20 in cluster Z

Relative:
Lower

WA ICR:

Date Ecology Received Report: 10/19/1994
 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: 93-38
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Actual:
17 ft.

Z139
 South
 1/4-1/2
 2448 ft.

SHELL/TEXACO #121450
6200 CORSON AVE. S.
SEATTLE, WA 98108

WA ICR S105687128
N/A

Site 9 of 20 in cluster Z

Relative:
Lower

WA ICR:

Date Ecology Received Report: 05/16/1991
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Groundwater, Soil
 Cause of Contamination: Tank
 Region: North Western
 Type of Report Ecology Received: Not reported
 Site Register Issue: 91-30
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Actual:
17 ft.

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EDR ID Number EPA ID Number

Z140 South 1/4-1/2 2448 ft.	SHELL/TEXACO #121450 6200 CORSON AVE. S. SEATTLE, WA 98108	WA ICR	S105687129 N/A
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Site 10 of 20 in cluster Z

Relative: Lower	WA ICR: Date Ecology Received Report: 11/29/1993 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: 17.00000 Contact: Not reported Report Title: Not reported
Actual: 17 ft.	

Z141 South 1/4-1/2 2448 ft.	TEXACO STATION #63-232-0400 6200 CORSON AVE S SEATTLE, WA 98108	LUST SPILLS UST	U003378492 N/A
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Site 11 of 20 in cluster Z

Relative: Lower	LUST: Facility ID: 3347 Ecology Region: NWRO Release ID: 2884 Release Date: 10/03/90 Release Status: Cleanup Started Status Date: 10/3/90 Alternate Name: SHELL Lat/Lon 47.54729 / 122.32142 Affected Media: Ground Water
Actual: 17 ft.	

	Facility ID: 3347 Ecology Region: NWRO Release ID: 2884 Release Date: 10/03/90 Release Status: Monitoring Status Date: 6/1/95 Alternate Name: SHELL Lat/Lon 47.54729 / 122.32142 Affected Media: Ground Water
--	--

	Facility ID: 3347 Ecology Region: NWRO Release ID: 2884 Release Date: 10/03/90 Release Status: Cleanup Started Status Date: 10/3/90 Alternate Name: SHELL Lat/Lon 47.54729 / 122.32142 Affected Media: Soil
--	--

	Facility ID: 3347 Ecology Region: NWRO Release ID: 2884 Release Date: 10/03/90 Release Status: Monitoring Status Date: 6/1/95 Alternate Name: SHELL Lat/Lon 47.54729 / 122.32142 Affected Media: Soil
--	--

	WA SPILL: Facility ID: 514189 Material Desc : PETROLEUM - GASOLINE Medium: OTHER Material Qty: Not reported Material Units: Not reported Business Name: GAS STATION IPRP Last Name: Not reported
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Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TEXACO STATION #63-232-0400 (Continued)

U003378492

Date Received: Not reported

UST:

Facility ID: 3347
Install Date: 1/1/1991 00:00:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 6
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3347
Install Date: 1/1/1991 00:00:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 7
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3347
Install Date: 1/1/1991 00:00:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 8
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3347
Install Date: 1/1/1991 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Operational
Tank Name: 9
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 3347
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 3
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3347
Install Date: 1/1/1991 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 5
Substance: UNLEADED 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

TEXACO STATION #63-232-0400 (Continued)

U003378492

Facility ID: 3347
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 2
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3347
Install Date: 1/1/1991 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 4
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3347
Install Date: 1/1/1991 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 10
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 3347
Install Date: 1/1/1991 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 1
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Z142
South
1/4-1/2
2448 ft.

SHELL/TEXACO #121450
6200 CORSON AVE. S.
SEATTLE, WA 98108

WA ICR S105687248
N/A

Site 12 of 20 in cluster Z

Relative:
Lower

Actual:
17 ft.

WA ICR:
Date Ecology Received Report: 02/22/1994
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: 93-22
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EDR ID Number EPA ID Number

Z143 South 1/4-1/2 2448 ft.	SHELL/TEXACO #121450 6200 CORSON AVE. S. SEATTLE, WA 98108	WA ICR	S105687326 N/A
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Site 13 of 20 in cluster Z

Relative: Lower	WA ICR:	
	Date Ecology Received Report:	06/17/1997
Actual: 17 ft.	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:	95-01
	County Code:	17.00000
	Contact:	Not reported
	Report Title:	Not reported

Z144 South 1/4-1/2 2448 ft.	SHELL/TEXACO #121450 6200 CORSON AVE. S. SEATTLE, WA 98108	WA ICR	S105687131 N/A
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Site 14 of 20 in cluster Z

Relative: Lower	WA ICR:	
	Date Ecology Received Report:	04/26/1995
Actual: 17 ft.	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:	17.00000
	Contact:	Not reported
	Report Title:	Not reported

Z145 South 1/4-1/2 2448 ft.	SHELL/TEXACO #121450 6200 CORSON AVE. S. SEATTLE, WA 98108	WA ICR	S105687416 N/A
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Site 15 of 20 in cluster Z

Relative: Lower	WA ICR:	
	Date Ecology Received Report:	12/04/2001
Actual: 17 ft.	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:	98-43
	County Code:	17.00000
	Contact:	Not reported
	Report Title:	Sampling - August 2001

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

Z146
 South
 1/4-1/2
 2448 ft.

SHELL/TEXACO #121450
 6200 CORSON AVE. S.
 SEATTLE, WA 98108

WA ICR S105687249
 N/A

Site 16 of 20 in cluster Z

Relative:
 Lower

WA ICR:
 Date Ecology Received Report: 07/21/1994
 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: 93-30
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Actual:
 17 ft.

Z147
 South
 1/4-1/2
 2448 ft.

SHELL/TEXACO #121450
 6200 CORSON AVE. S.
 SEATTLE, WA 98108

WA ICR S105687348
 N/A

Site 17 of 20 in cluster Z

Relative:
 Lower

WA ICR:
 Date Ecology Received Report: 11/08/2000
 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: 98-30
 County Code: 17.00000
 Contact: Not reported
 Report Title: Monitoring - September 2000

Actual:
 17 ft.

Z148
 South
 1/4-1/2
 2448 ft.

SHELL/TEXACO #121450
 6200 CORSON AVE. S.
 SEATTLE, WA 98108

WA ICR S105687132
 N/A

Site 18 of 20 in cluster Z

Relative:
 Lower

WA ICR:
 Date Ecology Received Report: 07/14/1995
 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: 94-07
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Actual:
 17 ft.

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	

Z149 South 1/4-1/2 2448 ft.	SHELL/TEXACO #121450 6200 CORSON AVE. S. SEATTLE, WA 98108	WA ICR	S105687133 N/A
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Site 19 of 20 in cluster Z

Relative: Lower	WA ICR: Date Ecology Received Report: 10/31/1995 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: 94-15 County Code: 17.00000 Contact: Not reported Report Title: Not reported		
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Z150 South 1/4-1/2 2448 ft.	SHELL/TEXACO #121450 6200 CORSON AVE. S. SEATTLE, WA 98108	WA ICR	S105687444 N/A
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Site 20 of 20 in cluster Z

Relative: Lower	WA ICR: Date Ecology Received Report: 06/21/2002 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: 98-50 County Code: 17.00000 Contact: Not reported Report Title: Ground Water Monitoring - March 2002		
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AA151 SSW 1/4-1/2 2487 ft.	GE AIRCRAFT ENGINES FRONT ST 540 S FRONT ST SEATTLE, WA 98108	RCRIS-SQG FINDS	1000214192 WAD980979645
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Site 1 of 3 in cluster AA

Relative: Lower	RCRIS: Owner: GE AIRCRAFT ENGINES (360) 555-1212 EPA ID: WAD980979645 Contact: STEVEN WIX (206) 763-1384 Classification: Small Quantity Generator TSDF Activities: Not reported		
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Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GE AIRCRAFT ENGINES FRONT ST (Continued)

1000214192

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

AB152
North
1/4-1/2
2495 ft.

SEATTLE BARREL CO
4716 AIRPORT WAY
SEATTLE, WA 98108

RCRIS-SQG 1000421882
FINDS WAD027470111

Site 1 of 3 in cluster AB

Relative:
Higher

Actual:
30 ft.

RCRIS:
 Owner: SEATTLE BARREL CO
 (360) 555-1212
 EPA ID: WAD027470111
 Contact: AL SANFT
 (206) 622-7218

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 220
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 06/19/1997
 Actual Date Achieved Compliance: 11/15/1997

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/11/1997
 Penalty Type: Not reported

Regulation Violated: 141
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 06/19/1997
 Actual Date Achieved Compliance: 07/19/1997

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/11/1997
 Penalty Type: Not reported

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

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19971115
	GENERATOR-GENERAL REQUIREMENTS	19970719

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AA153 **WESTERN PARCEL EXPRESS SEATTLE**
SSW **525 S FRONT ST**
1/4-1/2 **SEATTLE, WA 98108**
2514 ft.

RCRIS-SQG **1000110121**
FINDS **WAD988468518**
WA ICR
CSCSL NFA
VCP

Site 2 of 3 in cluster AA

Relative:
 Lower

RCRIS:
 Owner: AIR DATA EXPRESS INC
 (360) 555-1212
 EPA ID: WAD988468518
 Contact: ANGIE SALAZAR
 (253) 796-2301

Actual:
 11 ft.

Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

WA NFA:

Facility/Site Id : 39352815
 Ecology Status : Independent Remedial Action
 Independent Status Code : Final Independent RA Report received
 WARM Bin Number : Not reported
 NFA Code : Restrictive Covenant, Institutional Controls
 NFA Date : 2/5/02 0:00
 Program Plan Code : 4
 NFA Desc : Restrictive Covenant, Institutional Controls

WA ICR:

Date Ecology Received Report: 03/18/1999
 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: 98-14
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

VCP:

Facility ID : 39352815
 WARM BIN # : Not reported
 Ecology Status : Independent Remedial Action
 NFA Code : Restrictive Covenant, Institutional Controls

AA154 **AIR DATA EXPRESS, INC.**
SSW **525 S FRONT ST**
1/4-1/2 **SEATTLE, WA 98108**
2514 ft.

LUST **U003029207**
UST **N/A**

Site 3 of 3 in cluster AA

Relative:
 Lower

LUST:
 Facility ID: 97775 Ecology Region: NWRO
 Release ID: 491225 Release Date: 03/18/99
 Release Status: Awaiting Cleanup Status Date: 3/18/99
 Alternate Name: WESTERN PARCEL EXPRESS

Actual:
 11 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AIR DATA EXPRESS, INC. (Continued)

U003029207

Lat/Lon 47.54787 / 122.32762
Affected Media: Ground Water

Facility ID: 97775 Ecology Region: NWRO
Release ID: 491225 Release Date: 03/18/99
Release Status: Cleanup Started Status Date: 3/31/99
Alternate Name: WESTERN PARCEL EXPRESS
Lat/Lon 47.54787 / 122.32762
Affected Media: Ground Water

Facility ID: 97775 Ecology Region: NWRO
Release ID: 491225 Release Date: 03/18/99
Release Status: Reported Cleaned Up Status Date: 8/7/00
Alternate Name: WESTERN PARCEL EXPRESS
Lat/Lon 47.54787 / 122.32762
Affected Media: Ground Water

Facility ID: 97775 Ecology Region: NWRO
Release ID: 491225 Release Date: 03/18/99
Release Status: Awaiting Cleanup Status Date: 3/18/99
Alternate Name: WESTERN PARCEL EXPRESS
Lat/Lon 47.54787 / 122.32762
Affected Media: Soil

Facility ID: 97775 Ecology Region: NWRO
Release ID: 491225 Release Date: 03/18/99
Release Status: Cleanup Started Status Date: 3/31/99
Alternate Name: WESTERN PARCEL EXPRESS
Lat/Lon 47.54787 / 122.32762
Affected Media: Soil

Facility ID: 97775 Ecology Region: NWRO
Release ID: 491225 Release Date: 03/18/99
Release Status: Reported Cleaned Up Status Date: 8/7/00
Alternate Name: WESTERN PARCEL EXPRESS
Lat/Lon 47.54787 / 122.32762
Affected Media: Soil

UST:

Facility ID: 97775
Install Date: 5/13/1988 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Removed
Tank Name: 2
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 97775
Install Date: 5/13/1988 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Removed
Tank Name: 1
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

MAP FINDINGS

Map ID					
Direction					
Distance					
Distance (ft.)					EDR ID Number
Elevation	Site			Database(s)	EPA ID Number

AIR DATA EXPRESS, INC. (Continued)

U003029207

<p>155 SSW 1/4-1/2 2526 ft.</p>	<p>NIVAS BUSSINESS CORP 6100 6TH AVE S SEATTLE, WA 98108</p>	<p>RCRIS-SQG FINDS</p>	<p>1000156740 WAD981761687</p>
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Relative:
Lower

Actual:
13 ft.

RCRIS:
Owner: NIVAS BUSSINESS CORP
(360) 555-1212
EPA ID: WAD981761687
Contact: ERIC HANSON
(206) 298-1600

Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

<p>AC156 SSW 1/4-1/2 2560 ft.</p>	<p>CLOUGH EQUIPMENT CO S FRONT S 515 S FRONT ST SEATTLE, WA 98108</p>	<p>RCRIS-SQG FINDS</p>	<p>1000424909 WAD009264367</p>
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Site 1 of 2 in cluster AC

Relative:
Lower

Actual:
11 ft.

RCRIS:
Owner: CLOUGH EQUIPMENT CO
(360) 555-1212
EPA ID: WAD009264367
Contact: JOHN ROGERS
(206) 763-2222

Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

<p>AD157 WNW 1/4-1/2 2561 ft.</p>	<p>MCKINSTRY CO 220 HUDSON 220 S HUDSON ST SEATTLE, WA 98134</p>	<p>RCRIS-SQG FINDS</p>	<p>1000891943 WA0000230508</p>
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Site 1 of 3 in cluster AD

Relative:
Lower

Actual:
13 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

MCKINSTRY CO 220 HUDSON (Continued)

1000891943

RCRIS:

Owner: GEORGE ALLEN
 (206) 762-3311

EPA ID: WA0000230508

Contact: GARY FADDEN SR
 (206) 762-3311

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

158
 SSE
 1/4-1/2
 2577 ft.

**6111 12TH AVE S
 SEATTLE, WA**

**SPILLS S105554330
 N/A**

Relative:
 Higher

WA SPILL:

Facility ID: 528360
 Material Desc : DEBRIS/GARBAGE
 Medium: UNKNOWN
 Material Qty: Not reported
 Material Units: Not reported
 Business Name: Not reported
 IPRP Last Name: Not reported
 Date Received: Not reported

Actual:
 19 ft.

AD159
 WNW
 1/4-1/2
 2579 ft.

**MCKINSTRY CO 215 HUDSON ST
 215 S HUDSON ST
 SEATTLE, WA 98134**

**RCRIS-SQG 1001491379
 FINDS WA0000230490**

Site 2 of 3 in cluster AD

Relative:
 Lower

RCRIS:

Owner: GEORGE ALLEN
 (206) 762-3311

EPA ID: WA0000230490

Contact: MARK GAUGER
 (206) 762-3311

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

Actual:
 12 ft.

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site		Database(s)	EDR ID Number EPA ID Number
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MCKINSTRY CO 215 HUDSON ST (Continued)

1001491379

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

AB160 AIRGAS NORPAC
North 4701 AIRPORT WAY S
1/4-1/2 SEATTLE, WA 98108
2581 ft.

RCRIS-SQG 1000188024
FINDS WAD009277336

Site 2 of 3 in cluster AB

Relative:
Higher

RCRIS:
 Owner: AIRGAS INC
 (610) 687-5253
 EPA ID: WAD009277336
 Contact: MIKE PHILLIPS
 (206) 224-0433

Actual:
31 ft.

Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

161 CROWN DELTA ENVIRONMENTAL
South 792 S MICHIGAN ST
1/4-1/2 SEATTLE, WA 98108
2591 ft.

RCRIS-SQG 1001226361
FINDS WAH000003327

Relative:
Lower

RCRIS:
 Owner: RON BRYAN
 (206) 763-5232
 EPA ID: WAH000003327
 Contact: FAREN COOPER
 (206) 763-5232

Actual:
15 ft.

Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AB162
 North
 1/4-1/2
 2595 ft.

UNION CARBIDE CORPORATION
 4701 AIRPORT WAY S
 SEATTLE, WA 98108

UST **U001123842**
 N/A

Site 3 of 3 in cluster AB

Relative:
 Higher

UST:

Actual:
 29 ft.

Facility ID: 4964
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 2
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 4964
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 1
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

AC163
 SSW
 1/4-1/2
 2602 ft.

UPS SEATTLE EXPORT
 500 S FRONT ST
 SEATTLE, WA 98108

RCRIS-SQG **1004793250**
FINDS **WA0000380295**

Site 2 of 2 in cluster AC

Relative:
 Lower

RCRIS:

Actual:
 11 ft.

Owner: UNITED PARCEL SERVICE INC
 (206) 621-6233
 EPA ID: WA0000380295
 Contact: KEN TAYLOR
 (206) 621-6233

 Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

AD164
 WNW
 1/4-1/2
 2620 ft.

NORTHWEST TRUCKING
 5001 2ND AVE S
 SEATTLE, WA 98134

FINDS **1004614733**
FTTS **110011611826**

Site 3 of 3 in cluster AD

Relative:
 Lower

FTTS Insp:

Actual:
 12 ft.

Region: 10
 Inspected Date: 03/24/1992
 Insp Number: 199203242772 1
 Violation occurred: Not reported
 Inspector: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

NORTHWEST TRUCKING (Continued)

1004614733

Investigation Type: Import
 Facility Function: Not reported
 Investig Reason: Not reported
 Legislation Code: FIFRA

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 National Compliance Database (NCDB)

**AE165
 NNW
 1/2-1
 2643 ft.**

**FEDERAL EXPRESS CORP BFIA
 651 S ALASKA ST
 SEATTLE, WA 98108**

**RCRIS-SQG 1005445442
 CSCSL WAH000017137
 FINDS
 VCP**

Site 1 of 3 in cluster AE

**Relative:
 Equal**

RCRIS:
 Owner: FEDERAL EXPRESS CORP BFIA
 (360) 555-1212
 EPA ID: WAH000017137
 Contact: DAVID BADGER
 (206) 332-7272

**Actual:
 18 ft.**

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 73876963
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 33 38.2
 Longitude: 122 19 25.7
 Ecology Site Status relative to the MTCA cleanup process:
 Independent Remedial Action
 Independent Site Status - those sites undergoing an independent cleanup:
 Final Independent Remedial Action Report received
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
 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)
 Arsenic Code: Not reported
 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: Confirmed above MTCA cleanup levels
 Polychlorinated biPhenyls (PCBs): Below 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

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FEDERAL EXPRESS CORP BFIA (Continued)

1005445442

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

Facility ID: 73876963
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 33 38.2
 Longitude: 122 19 25.7

Ecology Site Status relative to the MTCA cleanup process:
 Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
 Final Independent Remedial Action Report received

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

Affected Media: Ground 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)

Arsenic Code: Not reported

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 4

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: 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

VCP:

Facility ID : 73876963
 WARM BIN # : Not reported
 Ecology Status : Independent Remedial Action
 NFA Code : Not reported

AF166 SCOUGAL RUBBER CORP
 South 6239 CORSON AVE S
 1/2-1 SEATTLE, WA 98108
 2644 ft.

Relative:
 Lower

Actual:
 17 ft.

Site 1 of 3 in cluster AF

RCRIS-SQG 1000424894
 CSCSL WAD067159442
 FINDS
 LUST
 WA ICR
 UST
 VCP

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SCOUGAL RUBBER CORP (Continued)

1000424894

RCRIS:

Owner: P FOLEY
 (206) 767-7800
 EPA ID: WAD067159442
 Contact: ROBERT ANDERSON
 (206) 763-2650

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated:	170(1)(a)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	07/16/1998
Actual Date Achieved Compliance:	09/23/1998
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/24/1998
Penalty Type:	Not reported
Regulation Violated:	200(1)(b)&ref630(5)(a)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	07/16/1998
Actual Date Achieved Compliance:	07/23/1998
Regulation Violated:	200(1)(d)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	07/16/1998
Actual Date Achieved Compliance:	07/23/1998
Regulation Violated:	210(2),(3)(a)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	07/16/1998
Actual Date Achieved Compliance:	10/05/1998

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	GENERATOR-GENERAL REQUIREMENTS	19980923
	GENERATOR-GENERAL REQUIREMENTS	19980723
	GENERATOR-GENERAL REQUIREMENTS	19980723
	GENERATOR-GENERAL REQUIREMENTS	19981005

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 National Compliance Database (NCDB)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 93637295
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 32 49.38
 Longitude: 122 19 17.544
 Ecology Site Status relative to the MTCA cleanup process:
 Independent Remedial Action
 Independent Site Status - those sites undergoing an independent cleanup:
 Final Independent Remedial Action Report received

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SCOUGAL RUBBER CORP (Continued)

1000424894

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

Affected Media: Ground 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)

Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: Unknown
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

Facility ID: 93637295
MTBE Code: Not reported
Responsible Unit: Northwest Region
Latitude: 47 32 49.38
Longitude: 122 19 17.544

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Final Independent Remedial Action Report received

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

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)

Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: Unknown
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

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SCOUGAL RUBBER CORP (Continued)

1000424894

Conventional Contaminants, Inorganic: Not reported

LUST:

Facility ID: 11320 Ecology Region: NWRO
Release ID: 1689 Release Date: 01/01/90
Release Status: Cleanup Started Status Date: 6/1/95
Alternate Name: SCOUGAL RUBBER
Lat/Lon 47.54705 / 122.32154
Affected Media: Ground Water

Facility ID: 11320 Ecology Region: NWRO
Release ID: 1689 Release Date: 01/01/90
Release Status: Cleanup Started Status Date: 6/1/95
Alternate Name: SCOUGAL RUBBER
Lat/Lon 47.54705 / 122.32154
Affected Media: Soil

WA ICR:

Date Ecology Received Report: 09/06/1991
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: 92-07
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 07/20/1992
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: 92-32
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 01/03/1994
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: 94-40
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

VCP:

Facility ID : 93637295
WARM BIN # : Not reported
Ecology Status : Independent Remedial Action
NFA Code : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SCOUGAL RUBBER CORP (Continued)

1000424894

UST:

Facility ID: 11320
Install Date: 12/31/1964 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 3
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 11320
Install Date: 12/31/1964 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 2
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 11320
Install Date: 12/31/1964 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 4
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 11320
Install Date: 12/31/1964 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 1
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 11320
Install Date: 12/31/1964 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 5
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 11320
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 6
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

SCOUGAL RUBBER CORP (Continued)

1000424894

AF167
 South
 1/2-1
 2644 ft.

SCOUGAL RUBBER
 6239 CORSON AVE S
 SEATTLE, WA 98108

FSTS 1006450870
 N/A

Site 2 of 3 in cluster AF

Relative:
 Lower

FTTS Insp:
 Region: 10
 Inspected Date: 07/08/1993
 Insp Number: 19930708AX001 1
 Violation occurred: Not reported
 Inspector: DAVIS
 Investigation Type: EPCRA, Enforcement, Federal Conducted
 Facility Function: Manufacturer
 Investig Reason: Neutral Scheme, Region
 Legislation Code: EPCRA

Actual:
 17 ft.

AE168
 NNW
 1/2-1
 2649 ft.

SAMIS LAND CO SITE
 647 S ALASKA ST
 SEATTLE, WA 98108

CSCSL S101703229
 N/A

Site 2 of 3 in cluster AE

Relative:
 Equal

SHWS:
 Facility ID: 2229
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 33 39.38
 Longitude: 122 19 30.6
 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):
 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)
 Arsenic Code: Not reported
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Suspected to be present
 Horizontal Collection Method: 4
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
 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: 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: Suspected to be present
 Conventional Contaminants, Inorganic: Suspected to be present

Actual:
 18 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SAMIS LAND CO SITE (Continued)

S101703229

Facility ID: 2229
MTBE Code: Not reported
Responsible Unit: Northwest Region
Latitude: 47 33 39.38
Longitude: 122 19 30.6
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):
Affected Media: Ground 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
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Suspected to be present
Horizontal Collection Method: 4
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant medals: Suspected to be present
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: Suspected to be present
Conventional Contaminants, Inorganic: Suspected to be present

Facility ID: 2229
MTBE Code: Not reported
Responsible Unit: Northwest Region
Latitude: 47 33 39.38
Longitude: 122 19 30.6
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):
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
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Suspected to be present
Horizontal Collection Method: 4
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant medals: Suspected to be present
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Database(s)
 EDR ID Number
 EPA ID Number

SAMIS LAND CO SITE (Continued)

S101703229

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:	Suspected to be present
Conventional Contaminants, Inorganic:	Suspected to be present

AE169
 NNW
 1/2-1
 2659 ft.

BMP INCORPORATED
647 S ALASKA
SEATTLE, WA 98108

RCRIS-SQG 1000127092
 FINDS WAD088730437

Site 3 of 3 in cluster AE

Relative:
 Equal

RCRIS:
 Owner: BMP INC
 (206) 621-7679
 EPA ID: WAD088730437
 Contact: JEFF MJELDE
 (206) 621-7679

Actual:
 18 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

170
 SSE
 1/2-1
 2667 ft.

HAMMER AUTO REBUILD & SALES INC
1209 S BAILEY ST
SEATTLE, WA 98108

RCRIS-SQG 1004793375
 FINDS WAD019315191

Relative:
 Higher

RCRIS:
 Owner: PHIL & ADRIENNE SUMMERS
 (206) 767-4929
 EPA ID: WAD019315191
 Contact: PHIL SUMMERS
 (206) 767-4929

Actual:
 19 ft.

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	

HAMMER AUTO REBUILD & SALES INC (Continued)

1004793375

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

AF171 MAC MACHINERY
 South 4239 CORSON AVE S
 1/2-1 SEATTLE, WA 98108
 2672 ft.

RCRIS-SQG 1000105915
FINDS WAD040182867

Site 3 of 3 in cluster AF

Relative:
Lower

RCRIS:
 Owner: MAC MACHINERY
 (360) 555-1212
 EPA ID: WAD040182867
 Contact: HAZ-WASTE MGR
 (253) 756-2519

Actual:
17 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

AG172 GOLDEN GRAIN CO SEATTLE
 NNW 4715 6TH AVE S
 1/2-1 SEATTLE, WA 98108
 2674 ft.

RCRIS-SQG 1004794562
FINDS WAD988518114

Site 1 of 4 in cluster AG

Relative:
Lower

RCRIS:
 Owner: QUAKER OATS CO
 (312) 222-7111
 EPA ID: WAD988518114
 Contact: DANA STAHL
 (206) 667-0725

Actual:
17 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

173
 South
 1/2-1
 2679 ft.

MACHINISTS INC PLANT 1
751 S MICHIGAN ST
SEATTLE, WA 98108

RCRIS-SQG 1000241917
 FINDS WAD981761075

Relative:
 Lower

Actual:
 15 ft.

RCRIS:
 Owner: HUGH LA BOSSIER
 (206) 763-0990
 EPA ID: WAD981761075
 Contact: DON KLUNDT
 (206) 763-0990

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: -070,-170
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 11/18/1998
 Actual Date Achieved Compliance: 12/14/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 11/24/1998
 Penalty Type: Not reported

Regulation Violated: -200(1)(b)&-630(5)(a)
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 11/18/1998
 Actual Date Achieved Compliance: 11/20/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 11/24/1998
 Penalty Type: Not reported

Regulation Violated: -200(1)(c)(d)
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 11/18/1998
 Actual Date Achieved Compliance: 12/10/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 11/24/1998
 Penalty Type: Not reported

Regulation Violated: -200(1)(b) & -630(2)
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 11/18/1998
 Actual Date Achieved Compliance: 12/10/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 11/24/1998
 Penalty Type: Not reported

Regulation Violated: -200(1)(b)& -630(7)
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 11/18/1998
 Actual Date Achieved Compliance: 12/10/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 11/24/1998
 Penalty Type: Not reported

Regulation Violated: 07(3)/170(1)(A)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 11/18/1998

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MACHINISTS INC PLANT 1 (Continued)

1000241917

Actual Date Achieved Compliance: 12/14/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 11/24/1998
 Penalty Type: Not reported

Regulation Violated: 200(1)(B)/630(5)(A)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 11/18/1998
 Actual Date Achieved Compliance: 11/20/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 11/24/1998
 Penalty Type: Not reported

Regulation Violated: 200(1)(c)&(d)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 11/18/1998
 Actual Date Achieved Compliance: 12/10/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 11/24/1998
 Penalty Type: Not reported

Regulation Violated: 200(1)(B)/630(2)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 11/18/1998
 Actual Date Achieved Compliance: 12/10/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 11/24/1998
 Penalty Type: Not reported

Regulation Violated: 200(1)(B)/630(7)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 11/18/1998
 Actual Date Achieved Compliance: 12/10/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 11/24/1998
 Penalty Type: Not reported

There are 10 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19981214
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19981120
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19981210
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19981210
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19981210
	GENERATOR-GENERAL REQUIREMENTS	19981214
	GENERATOR-GENERAL REQUIREMENTS	19981120
	GENERATOR-GENERAL REQUIREMENTS	19981210
	GENERATOR-GENERAL REQUIREMENTS	19981210
	GENERATOR-GENERAL REQUIREMENTS	19981210

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

MACHINISTS INC PLANT 1 (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000241917

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

AH174
 West
 1/2-1
 2683 ft.

SHARP'S AUTOMOTIVE, INC.
 126 S. FINDLAY
 SEATTLE, WA 98108

UST U001122748
 N/A

Site 1 of 2 in cluster AH

Relative:
 Lower

UST:
 Facility ID: 2448
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 1
 Substance: UNLEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Actual:
 10 ft.

AI175
 WSW
 1/2-1
 2691 ft.

MOBILE CRANE CO INC
 5900 2ND AVE S
 SEATTLE, WA 98108

RCRIS-SQG 1000659608
 FINDS WAD988492823
 WA ICR
 CSCSL NFA
 VCP

Site 1 of 2 in cluster AI

Relative:
 Lower

RCRIS:
 Owner: MOBILE CRANE CO INC
 (206) 767-4767
 EPA ID: WAD988492823
 Contact: WALTER WHITE
 (206) 767-4767
 Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Actual:
 10 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

WA NFA:

Facility/Site Id : 96851494
 Ecology Status : Independent Remedial Action
 Independent Status Code : Final Independent RA Report received
 WARM Bin Number : Not reported
 NFA Code : NFA after Assesment IRAP or VCP
 NFA Date : 5/10/02 0:00
 Program Plan Code : 4
 NFA Desc : NFA after assessment, IRAP, or VCP

WA ICR:

Date Ecology Received Report: 04/24/2000
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Groundwater, Soil
 Cause of Contamination: Tank

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MOBILE CRANE CO INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000659608

Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 98-26
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/11/1999
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: 98-15
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 12/05/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 98-31
County Code: 17.00000
Contact: Not reported
Report Title: Addendum 2 - Waste Oil UST (Site B)

VCP:
Facility ID : 96851494
WARM BIN # : Not reported
Ecology Status : Independent Remedial Action
NFA Code : NFA after assessment, IRAP, or VCP

AJ176
SSE
1/2-1
2697 ft.

GRIFFIN FUEL CO
1210 S BAILEY ST
SEATTLE, WA 98108

RCRIS-SQG 1000878647
FINDS WA0000113456

Site 1 of 3 in cluster AJ

Relative:
Higher

Actual:
19 ft.

RCRIS:
Owner: GRIFFIN FUEL CO
(360) 555-1212
EPA ID: WA0000113456
Contact: CHARLES SHAFER
(206) 763-0480
Classification: Small Quantity Generator
TSDF Activities: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

GRIFFIN FUEL CO (Continued)

1000878647

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

AJ177
 SSE
 1/2-1
 2698 ft.

GRIFFIN FUEL COMPANY
1210 SO BAILEY
SEATTLE, WA 98108

UST U003026008
 N/A

Site 2 of 3 in cluster AJ

Relative:
 Higher

Actual:
 19 ft.

UST:
 Facility ID: 1518
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Closed in Place
 Tank Name: 2
 Substance: LEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 1518
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Closed in Place
 Tank Name: 1
 Substance: UNLEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

AI178
 WSW
 1/2-1
 2703 ft.

WESTERN BRIDGE CO
5900 SECOND AVE SO
SEATTLE, WA 98108

UST U001126242
 N/A

Site 2 of 2 in cluster AI

Relative:
 Lower

Actual:
 10 ft.

UST:
 Facility ID: 10209
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 to 1,100 Gallons
 Status: Exempt
 Tank Name: 5
 Substance: HEATING FUEL
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 10209
 Install Date: 7/24/1961 00:00:00
 Capacity: 1,101 TO 2,000 GALLONS
 Status: Removed
 Tank Name: 3
 Substance: UNLEADED 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

WESTERN BRIDGE CO (Continued)

U001126242

Facility ID: 10209
Install Date: 6/27/1973 00:00:00
Capacity: 1,101 TO 2,000 GALLONS
Status: Removed
Tank Name: 1
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 10209
Install Date: 7/24/1961 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Removed
Tank Name: 2
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 10209
Install Date: 6/30/1973 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 4
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

AH179
West
1/2-1
2706 ft.

FURNITURE SPA INC
126 S FINDLAY ST
SEATTLE, WA 98108

RCRIS-SQG 1005445169
FINDS WAH000014282

Site 2 of 2 in cluster AH

Relative:
Lower

RCRIS:
Contact: LORIN & JERRY EMTAGE
(206) 766-8858

Actual:
10 ft.

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

AG180
NNW
1/2-1
2711 ft.

ALASKA STREET PROPERTY
615 S ALASKA ST
SEATTLE, WA 98108

CSCSL S105831619
VCP N/A

Site 2 of 4 in cluster AG

Relative:
Lower

SHWS:
Facility ID: 8112883
MTBE Code: Not reported
Responsible Unit: Northwest Region
Latitude: 47 33 38.3

Actual:
17 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

ALASKA STREET PROPERTY (Continued)

S105831619

Longitude: 122 19 35.4
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Final Independent Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Affected Media: Ground 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)
Arsenic Code: Not reported
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: Confirmed above MTCA cleanup levels
Conventional Contaminants, Inorganic: Not reported

Facility ID: 8112883
MTBE Code: Not reported
Responsible Unit: Northwest Region
Latitude: 47 33 38.3
Longitude: 122 19 35.4
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Final Independent Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
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)
Arsenic Code: Not reported
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

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ALASKA STREET PROPERTY (Continued)

S105831619

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:	Not reported

VCP:

Facility ID :	8112883
WARM BIN # :	Not reported
Ecology Status :	Independent Remedial Action
NFA Code :	Not reported

AG181 STEAM SUPPLY AND RUBBER
 NNW 615 S. ALASKA ST.
 1/2-1 SEATTLE, WA 98108
 2711 ft.

WA ICR S104484740
 N/A

Site 3 of 4 in cluster AG

Relative:
 Lower

WA ICR:	
Date Ecology Received Report:	/ /
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	95-12
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported

Actual:
 17 ft.

AK182 DRIVE LINE SERVICES OF SEATTLE
 West 108 S BRANDON ST
 1/2-1 SEATTLE, WA 98108
 2712 ft.

CSCSL NFA S104971609
 N/A

Site 1 of 5 in cluster AK

Relative:
 Lower

WA NFA:	
Facility/Site Id :	2521
Ecology Status :	Independent Remedial Action
Independent Status Code :	Final Independent RA Report received
WARM Bin Number :	Not reported
NFA Code :	NFA after Assesment IRAP or VCP
NFA Date :	11/29/94 0:00
Program Plan Code :	3
NFA Desc :	NFA after assessment, IRAP, or VCP

Actual:
 10 ft.

AJ183 GLORIA MILLER ESTATE OF
 SSE 1226 S BAILEY ST
 1/2-1 SEATTLE, WA 98108
 2716 ft.

RCRIS-SQG 1001491191
 FINDS WAH000007831

Site 3 of 3 in cluster AJ

Relative:
 Higher

Actual:
 19 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

GLORIA MILLER ESTATE OF (Continued)

1001491191

RCRIS:

Owner: PAM MILLER
 (206) 783-9030
 EPA ID: WAH000007831
 Contact: PAM MILLER
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

184
 West
 1/2-1
 2716 ft.

115 SOUTH LUCILE
 115 SOUTH LUCILE
 SEATTLE, WA

ERNS 91224749
 N/A

Relative:
 Lower

Actual:
 10 ft.

AG185
 NNW
 1/2-1
 2734 ft.

YYK ENTERPRISES INC
 610 S ALASKA ST
 SEATTLE, WA 98108

RCRIS-SQG 1000121232
 FINDS WAD988471900

Site 4 of 4 in cluster AG

RCRIS:

Owner: YYK ENTERPRISES INC
 (360) 555-1212
 EPA ID: WAD988471900
 Contact: JAMES HOWELL
 (510) 532-2330
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Relative:
 Lower

Actual:
 17 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AL186
 SSE
 1/2-1
 2735 ft.

6249 FLORA AVE SO
 SEATTLE, WA

SPILLS S105554799
 N/A

Site 1 of 2 in cluster AL

Relative:
 Equal

WA SPILL:

Facility ID: 529198
 Material Desc : OTHER HAZARDOUS
 Medium: OTHER
 Material Qty: Not reported
 Material Units: Not reported
 Business Name: BENZ FRIENDZ
 IPRP Last Name: Not reported
 Date Received: Not reported

Actual:
 18 ft.

AL187
 SSE
 1/2-1
 2736 ft.

BENZ FRIENDZ INC
 6249 FLORA AVE S
 SEATTLE, WA 98108

RCRIS-SQG 1000442637
 FINDS WAD981763824

Site 2 of 2 in cluster AL

Relative:
 Equal

RCRIS:

Owner: BENZ FRIENDZ INC
 (206) 762-7691
 EPA ID: WAD981763824
 Contact: ROBERT CAIRNIE
 (206) 762-7691
 Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Actual:
 18 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 AIRS Facility System (AIRS/AFS)
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

AK188
 West
 1/2-1
 2735 ft.

DRIVE LINE SERVICES OF SEATTLE
 108 S BRANDON ST
 SEATTLE, WA 98108

RCRIS-SQG 1004794558
 FINDS WAD988517884

Site 2 of 5 in cluster AK

Relative:
 Lower

RCRIS:

Owner: DRIVE LINE SVC
 (206) 762-2270
 EPA ID: WAD988517884
 Contact: AURORA VRILAKAS
 (206) 762-2270
 Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

Actual:
 10 ft.

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EDR ID Number EPA ID Number

DRIVE LINE SERVICES OF SEATTLE (Continued)

1004794558

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

AK189
West
1/2-1
2756 ft.

ALLIED BATTERY INC S BRANDON
105 S BRANDON ST
SEATTLE, WA 98108

RCRIS-SQG 1005445244
FINDS WAH000015073

Site 3 of 5 in cluster AK

Relative:
Lower

Actual:
10 ft.

RCRIS:
 Owner: 4TH AVENUE SOUTH ASSOCIATES
 (206) 223-2283
 EPA ID: WAH000015073
 Contact: DUANE KOXLIEN
 (206) 762-5522
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

AK190
West
1/2-1
2773 ft.

RENTAL SERVICE CORPORATION
5421 1ST AVE S
SEATTLE, WA 98108

UST U003024862
N/A

Site 4 of 5 in cluster AK

Relative:
Lower

Actual:
10 ft.

UST:
 Facility ID: 100566
 Install Date: 6/5/1991 00:00:00
 Capacity: 1,101 TO 2,000 GALLONS
 Status: Operational
 Tank Name: 1
 Substance: DIESEL
 Compartment #: 1
 Ecology Region: North Western
 Facility ID: 100566
 Install Date: 6/5/1991 00:00:00
 Capacity: 1,101 TO 2,000 GALLONS
 Status: Operational
 Tank Name: 2
 Substance: UNLEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

RENTAL SERVICE CORPORATION (Continued)

U003024862

AK191
 West
 1/2-1
 2773 ft.

PRIME EQUIPMENT 565
5421 1ST AVE S
SEATTLE, WA 98108

RCRIS-SQG 1004793597
FINDS WAD086256989

Site 5 of 5 in cluster AK

Relative:
 Lower

RCRIS:
 Owner: STEPHEN MILLER
 (281) 578-5600
 EPA ID: WAD086256989
 Contact: SCOTT SIMONE
 (206) 762-1122

Actual:
 10 ft.

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

AM192
 WNW
 1/2-1
 2774 ft.

MODINE AFTERMARKET HOLDINGS INC
115 S DAWSON ST
SEATTLE, WA 98108

RCRIS-SQG 1000256373
FINDS 98108MDNWS11
TRIS

Site 1 of 2 in cluster AM

Relative:
 Lower

RCRIS:
 Owner: MODINE MANUFACTURING CO
 (414) 636-1200
 EPA ID: WAD980977755
 Contact: MIKE STOEHR
 (206) 767-0606

Actual:
 11 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: Violations exist

Regulation Violated: 210(1)
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 07/28/1998
 Actual Date Achieved Compliance: 11/05/1998
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 09/01/1998
 Penalty Type: Not reported

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

Evaluation	Area of Violation	Date of Compliance
Compliance Eval Inspection without Sampling	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19981105

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MODINE AFTERMARKET HOLDINGS INC (Continued)

1000256373

FINDS:

Other Pertinent Environmental Activity Identified at Site:

- Facility Registry System (FRS)
- National Toxics Inventory (NTI)
- Resource Conservation and Recovery Act Information system (RCRAINFO)
- Toxic Chemical Release Inventory System (TRIS)

193 **MESHER SUPPLY**
WNW **5001 FIRST AVE S**
1/2-1 **SEATTLE, WA 98134**
2778 ft.

UST U003732875
N/A

Relative:
Lower

UST:

Facility ID: 529431
Install Date: 1/1/1900 00:00:00
Capacity: 111 TO 1,000 GALLONS
Status: Closed in Place
Tank Name: 1
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Actual:
12 ft.

AN194 **BOBS TEXACO SERVICE**
West **5304 1ST AVE SO**
1/2-1 **SEATTLE, WA 98108**
2782 ft.

LUST U000589546
UST N/A

Relative:
Lower

Site 1 of 3 in cluster AN

LUST:

Facility ID: 4734 Ecology Region: NWRO
Release ID: 1959 Release Date: 02/13/91
Release Status: Awaiting Cleanup Status Date: 5/24/95
Alternate Name: TEXACO STATION BOB'S
Lat/Lon 47.55477 / 122.335516
Affected Media: Ground Water

Actual:
10 ft.

Facility ID: 4734 Ecology Region: NWRO
Release ID: 1959 Release Date: 02/13/91
Release Status: Awaiting Cleanup Status Date: 5/24/95
Alternate Name: TEXACO STATION BOB'S
Lat/Lon 47.55477 / 122.335516
Affected Media: Soil

UST:

Facility ID: 4734
Install Date: 1/1/1941 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: #4
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

BOBS TEXACO SERVICE (Continued)

U000589546

Facility ID: 4734
Install Date: 6/1/1966 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: #1
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 4734
Install Date: 6/1/1959 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: #3
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 4734
Install Date: 6/1/1962 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: #2
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 4734
Install Date: 1/1/1900 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: #5
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

AN195
West
1/2-1
2782 ft.

MCWILLIAMS PROPERTY/TEXACO
5304 1ST AVE. S.
SEATTLE, WA 98108

WA ICR S104485416
N/A

Site 2 of 3 in cluster AN

Relative:
Lower

Actual:
10 ft.

WA ICR:
Date Ecology Received Report: 07/12/1991
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: 92-04
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 09/11/1996
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MCWILLIAMS PROPERTY/TEXACO (Continued)

S104485416

Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-40
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 09/11/1996
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Not reported
Site Register Issue: 98-13
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

AN196 TEXACO (TWO REPORTS)
West 5303 1ST AVE. S.
1/2-1 SEATTLE, WA 98108
2782 ft.

WA ICR S104487736
N/A

Site 3 of 3 in cluster AN

Relative:
Lower

Actual:
10 ft.

WA ICR:
Date Ecology Received Report: 03/09/1992
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: 92-21
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

AM197 WASHINGTON MACHINE WORKS
WNW 5211 1ST AVE S UNIT C DOOR 4
1/2-1 SEATTLE, WA 98108
2822 ft.

RCRIS-SQG 1000109883
FINDS WAD988467213

Site 2 of 2 in cluster AM

Relative:
Lower

Actual:
11 ft.

RCRIS:
Owner: WASHINGTON MACHINE WORKS
(206) 767-2688
EPA ID: WAD988467213
Contact: JAMES MCLUEN
(206) 767-2688
Classification: Small Quantity Generator
TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WASHINGTON MACHINE WORKS (Continued)

1000109883

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

AO198
WSW
1/2-1
2827 ft.

BIG JOHNS TRUCK REPAIR INC SEATTLE
5622 1/2 1ST AVE S
SEATTLE, WA 98108

RCRIS-SQG 1000838208
FINDS WAD988509329

Site 1 of 2 in cluster AO

Relative:
Lower

RCRIS:

Owner: BIG JOHNS TRUCK REPAIR INC
(360) 555-1212
EPA ID: WAD988509329
Contact: VERN MCDANIEL
(206) 767-3939

Actual:
10 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

AO199
WSW
1/2-1
2830 ft.

DONS RADIATOR
5626 1ST AVE S
SEATTLE, WA 98118

RCRIS-SQG 1001081994
FINDS WAR000005595

Site 2 of 2 in cluster AO

Relative:
Lower

RCRIS:

Owner: DONS RADIATOR
(206) 762-4700
EPA ID: WAR000005595
Contact: DON WIPPEL
(206) 762-4700

Actual:
10 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 060(2)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/26/1998
Actual Date Achieved Compliance: 09/28/1998
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/17/1998
Penalty Type: Not reported
Regulation Violated: 220(1)(a)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/26/1998

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

DONS RADIATOR (Continued)

1001081994

Actual Date Achieved Compliance: 09/28/1998
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 09/17/1998
 Penalty Type: Not reported
 Regulation Violated: 200(1)(e)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 08/26/1998
 Actual Date Achieved Compliance: 09/28/1998
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 09/17/1998
 Penalty Type: Not reported

There are 3 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19980928
	GENERATOR-GENERAL REQUIREMENTS	19980928
	GENERATOR-GENERAL REQUIREMENTS	19980928

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 AIRS Facility System (AIRS/AFS)
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

AP200 HUNTLEY MACHINE TOOL INC
North 4623 7TH AVE S
1/2-1 SEATTLE, WA 98108
2841 ft.

RCRIS-SQG 1000414763
FINDS WAD009245267

Site 1 of 2 in cluster AP

**Relative:
 Higher**

RCRIS:
 Owner: HUNTLEY MACHINE TOOL INC
 (360) 555-1212
 EPA ID: WAD009245267
 Contact: JAMES HUNTLEY

**Actual:
 20 ft.**

Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

201 PTL PARTNERSHIP
South 6314 7TH S
1/2-1 SEATTLE, WA 98108
2842 ft.

LUST U000585698
WA ICR N/A
UST

Relative:
Lower

LUST:

Facility ID:	25	Ecology Region:	NWRO
Release ID:	1579	Release Date:	08/29/89
Release Status:	Cleanup Started	Status Date:	6/1/95
Alternate Name:	PENINSULA TRUCK LINES		
Lat/Lon	47.54624 / 122.326266		
Affected Media:	Soil		

Actual:
13 ft.

Facility ID:	25	Ecology Region:	NWRO
Release ID:	1579	Release Date:	08/29/89
Release Status:	Reported Cleaned Up	Status Date:	7/23/02
Alternate Name:	PENINSULA TRUCK LINES		
Lat/Lon	47.54624 / 122.326266		
Affected Media:	Soil		

WA ICR:

Date Ecology Received Report:	03/31/1993
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:	92-49
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported

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:	93-17
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	02/22/1995
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:	94-05
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	01/23/1992
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

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

PTL PARTNERSHIP (Continued)

U000585698

Site Register Issue: 92-29
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 07/23/2002
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: 98-50
County Code: 17.00000
Contact: Not reported
Report Title: Environmental Conditions Summary

Date Ecology Received Report: 07/23/2002
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: 98-50
County Code: 17.00000
Contact: Not reported
Report Title: Ground Water Investigation - June 1998

UST:

Facility ID: 25
Install Date: 1/1/1966 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 2
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 25
Install Date: 1/1/1966 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 25
Install Date: 1/1/1966 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 4
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

PTL PARTNERSHIP (Continued)

U000585698

Facility ID: 25
 Install Date: 1/1/1966 00:00:00
 Capacity: 111 to 1,100 Gallons
 Status: Removed
 Tank Name: 3
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

202 AIR TEC COMPANY
 WSW 5701 1ST AVE SOUTH
 1/2-1 SEATTLE, WA 98108
 2880 ft.

CSCSL U003029056
 LUST N/A
 WA ICR
 UST
 VCP

Relative:
 Lower

SHWS:

Actual:
 10 ft.

Facility ID: 57633623
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 33 5.36
 Longitude: 122 20 3.39
 Ecology Site Status relative to the MTCA cleanup process:
 Independent Remedial Action
 Independent Site Status - those sites undergoing an independent cleanup:
 Final Independent Remedial Action Report received
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
 Affected Media: Ground 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)
 Arsenic Code: Not reported
 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

Facility ID: 57633623
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 33 5.36
 Longitude: 122 20 3.39

Ecology Site Status relative to the MTCA cleanup process:
 Independent Remedial Action
 Independent Site Status - those sites undergoing an independent cleanup:
 Final Independent Remedial Action Report received

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

AIR TEC COMPANY (Continued)

U003029056

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

Arsenic Code: Not reported
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 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

LUST:

Facility ID: 97435 Ecology Region: NWRO
Release ID: 532723 Release Date: 05/09/00
Release Status: Cleanup Started Status Date: 4/4/00
Alternate Name: AIR TEC COMPANY
Lat/Lon: 47.551488 / 122.334274
Affected Media: Soil

WA ICR:

Date Ecology Received Report: 05/09/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Not reported
Site Register Issue: 98-26
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

VCP:

Facility ID : 57633623
WARM BIN # : Not reported
Ecology Status : Independent Remedial Action
NFA Code : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AIR TEC COMPANY (Continued)

U003029056

UST:

Facility ID: 97435
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 4
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 97435
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 2
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 97435
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 3
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 97435
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

AP203
North
1/2-1
2891 ft.

SEATTLE BARREL & COOPERAGE
7TH AV S / S SNOQUALMIE ST
SEATTLE, WA 98108

CSCSL S102258320
N/A

Site 2 of 2 in cluster AP

Relative:
Higher

SHWS:

Actual:
20 ft.

Facility ID: 2307
MTBE Code: Not reported
Responsible Unit: Northwest Region
Latitude: 47 33 42.91
Longitude: 122 19 26.54

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):

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)

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SEATTLE BARREL & COOPERAGE (Continued)

S102258320

Arsenic Code: Not reported
 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): 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

Facility ID: 2307

MTBE Code: Not reported

Responsible Unit: Northwest Region

Latitude: 47 33 42.91

Longitude: 122 19 26.54

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):

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

Arsenic Code: Not reported

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: 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

Facility ID: 2307

MTBE Code: Not reported

Responsible Unit: Northwest Region

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EPA ID Number
EDR ID Number

SEATTLE BARREL & COOPERAGE (Continued)

S102258320

Latitude: 47 33 42.91
Longitude: 122 19 26.54
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):
Affected Media: Ground 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
Arsenic Code: Not reported
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

Facility ID: 2307
MTBE Code: Not reported
Responsible Unit: Northwest Region
Latitude: 47 33 42.91
Longitude: 122 19 26.54
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):
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
Arsenic Code: Not reported
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

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SEATTLE BARREL & COOPERAGE (Continued)

S102258320

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

Facility ID: 2307
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 33 42.91
 Longitude: 122 19 26.54

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):
 Affected Media: Sediments
 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

Arsenic Code: Not reported
 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

204
 SW
 1/2-1
 2925 ft.

TAGELSIR AHMED GEORGETOWN GASCO
6185 4TH AVE S
SEATTLE, WA 98108

UST U001127921
 N/A

Relative:
 Lower

Actual:
 11 ft.

UST:
 Facility ID: 100530
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 to 1,100 Gallons
 Status: Operational
 Tank Name: 4 WASTE OIL
 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

TAGELSIR AHMED GEORGETOWN GASCO (Continued)

U001127921

Facility ID: 100530
Install Date: 12/31/1964 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 3-REGULAR
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 100530
Install Date: 1/1/1984 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 2-SUPER UNLE
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 100530
Install Date: 12/31/1964 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 1-UNLEADED
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

205
NNW
1/2-1
2965 ft.

COLUMBIA SPECIALTY
633 S SNOQUALMIE
SEATTLE, WA 98108

RCRIS-SQG 1000426009
FINDS WAD009655150

Relative:
Equal

RCRIS:
Owner: COLUMBIA SPECIALTY
(206) 682-6027
EPA ID: WAD009655150
Contact: JIM FREDENBERG
(206) 682-6027

Actual:
18 ft.

Classification: Small Quantity Generator
TSD Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)
 EDR ID Number
 EPA ID Number

206 **B & G MACHINE INC** **RCRIS-SQG** **1000878383**
South **6400 CORSON AVE S** **FINDS** **WA0000048686**
1/2-1 **SEATTLE, WA 98108**
2972 ft.

Relative:
Lower

RCRIS:
 Owner: JOHN BIANCHI
 (206) 767-3130
 EPA ID: WA0000048686
 Contact: JOHNNY BIANCHI
 (206) 767-3130
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Actual:
17 ft.

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

AQ207 **WESTERN CARTAGE INC** **RCRIS-SQG** **1000403311**
WNW **5050 1ST AVE S** **FINDS** **WAD009503699**
1/2-1 **SEATTLE, WA 98134** **UST**
2972 ft.

Site 1 of 5 in cluster AQ

Relative:
Lower

RCRIS:
 Owner: WESTERN CARTAGE INC
 (253) 839-2120
 EPA ID: WAD009503699
 Contact: BILL STUTE
 (253) 839-2120
 Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: Violations exist

Actual:
11 ft.

Regulation Violated: -515(6)(a) / 40cfr 279.22(c)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 06/22/2000
 Actual Date Achieved Compliance: 10/18/2000
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/27/2000
 Penalty Type: Not reported
 Regulation Violated: -515(6)(b)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 06/22/2000
 Actual Date Achieved Compliance: 10/18/2000
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/27/2000
 Penalty Type: Not reported
 Regulation Violated: 515(6)/40cfr279.22(d);145(3)(a)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 06/22/2000
 Actual Date Achieved Compliance: 11/22/2000
 Enforcement Action: WRITTEN INFORMAL

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

WESTERN CARTAGE INC (Continued)

1000403311

Enforcement Action Date: 07/27/2000
 Penalty Type: Not reported

There are 3 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20001018
	GENERATOR-GENERAL REQUIREMENTS	20001018
	GENERATOR-GENERAL REQUIREMENTS	20001122

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

UST:

Facility ID: 101949
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 to 1,100 Gallons
 Status: Removed
 Tank Name: 1
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

AR208
 SSW
 1/2-1
 2977 ft.

TEXACO STATION #63-232-0400
600 S MICHIGAN
SEATTLE, WA 98108

LUST U003378497
UST N/A

Site 1 of 6 in cluster AR

Relative:
 Lower

Actual:
 12 ft.

LUST:

Facility ID: 4487	Ecology Region: NWRO
Release ID: 309690	Release Date: 03/23/94
Release Status: Awaiting Cleanup	Status Date: 8/29/95
Alternate Name: TEXACO 63 232 1455	
Lat/Lon: 47.5461 / 122.327236	
Affected Media: Ground Water	
Facility ID: 4487	Ecology Region: NWRO
Release ID: 309690	Release Date: 03/23/94
Release Status: Cleanup Started	Status Date: 3/28/96
Alternate Name: TEXACO 63 232 1455	
Lat/Lon: 47.5461 / 122.327236	
Affected Media: Ground Water	
Facility ID: 4487	Ecology Region: NWRO
Release ID: 309690	Release Date: 03/23/94
Release Status: Monitoring	Status Date: 1/20/00
Alternate Name: TEXACO 63 232 1455	
Lat/Lon: 47.5461 / 122.327236	
Affected Media: Ground Water	
Facility ID: 4487	Ecology Region: NWRO
Release ID: 309690	Release Date: 03/23/94
Release Status: Awaiting Cleanup	Status Date: 8/29/95
Alternate Name: TEXACO 63 232 1455	
Lat/Lon: 47.5461 / 122.327236	
Affected Media: Soil	

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

TEXACO STATION #63-232-0400 (Continued)

U003378497

Facility ID: 4487 Ecology Region: NWRO
Release ID: 309690 Release Date: 03/23/94
Release Status: Cleanup Started Status Date: 3/28/96
Alternate Name: TEXACO 63 232 1455
Lat/Lon 47.5461 / 122.327236
Affected Media: Soil

Facility ID: 4487 Ecology Region: NWRO
Release ID: 309690 Release Date: 03/23/94
Release Status: Monitoring Status Date: 1/20/00
Alternate Name: TEXACO 63 232 1455
Lat/Lon 47.5461 / 122.327236
Affected Media: Soil

UST:

Facility ID: 4487
Install Date: 1/1/1986 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 6-550
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 4487
Install Date: 1/1/1986 00:00:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 3-10,000
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 4487
Install Date: 1/1/1986 00:00:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 1-10,000
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 4487
Install Date: 1/1/1986 00:00:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 2-10,000
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

TEXACO STATION #63-232-0400 (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003378497

Facility ID: 4487
Install Date: 1/1/1983 00:00:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 4-10,000
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 4487
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Exempt
Tank Name: 5-1,000
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

AR209
SSW
1/2-1
2977 ft.

TEXACO 121430
600 S MICHIGAN
SEATTLE, WA 98108

RCRIS-SQG 1000660718
FINDS WAD988504056
WA ICR

Site 2 of 6 in cluster AR

Relative:
Lower

Actual:
12 ft.

RCRIS:
Owner: EQUILON ENTERPRISES LLC
(713) 241-2258
EPA ID: WAD988504056
Contact: SONDRA BIENVENU
(713) 241-5036
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

WA ICR:

Date Ecology Received Report: 06/21/2000
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: 98-27
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 01/17/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TEXACO 121430 (Continued)

1000660718

Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-27
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 08/03/2001
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: 98-39
County Code: 17.00000
Contact: Not reported
Report Title: Sampling - April 2001

Date Ecology Received Report: 03/11/2002
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: 98-46
County Code: 17.00000
Contact: Not reported
Report Title: Monitoring - October 2001

Date Ecology Received Report: 03/18/1998
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: 98-02
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 08/20/1998
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: 98-07
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 05/04/1998
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: 98-07

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

TEXACO 121430 (Continued)

1000660718

County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	10/13/1998
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:	98-08
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	10/23/1998
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:	98-09
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	10/22/1998
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:	98-09
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	08/12/1999
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:	98-17
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	05/06/1997
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:	95-01
County Code:	17.00000
Contact:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

TEXACO 121430 (Continued)

1000660718

Report Title: Not reported

Date Ecology Received Report: 05/01/1997
 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: 95-01
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Date Ecology Received Report: 12/26/2000
 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: 98-32
 County Code: 17.00000
 Contact: Not reported
 Report Title: Monitoring - October 2000

AR210
 SSW
 1/2-1
 2977 ft.

**6TH AVE SO / SO MICHIGAN ST, PUMP #4 - D
 SEATTLE, WA**

**SPILLS S105394867
 N/A**

Site 3 of 6 in cluster AR

Relative:
 Lower

WA SPILL:
 Facility ID: 514485
 Material Desc : PETROLEUM - DIESEL FUEL
 Medium: OTHER
 Material Qty: Not reported
 Material Units: Not reported
 Business Name: GAS STATION
 IPRP Last Name: Not reported
 Date Received: Not reported

Actual:
 12 ft.

AR211
 SSW
 1/2-1
 2977 ft.

**600 S MICHIGAN
 SEATTLE, WA**

**SPILLS S105789518
 N/A**

Site 4 of 6 in cluster AR

Relative:
 Lower

WA SPILL:
 Facility ID: 531329
 Material Desc : PETROLEUM - GASOLINE
 Medium: UNKNOWN
 Material Qty: 3
 Material Units: GALLON
 Business Name: SHELL
 IPRP Last Name: Not reported
 Date Received: 01/14/2003

Actual:
 12 ft.

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EDR ID Number EPA ID Number

(Continued)

S105789518

AQ212 WNW 1/2-1 2990 ft.	MICHIGAN PROPERTIES 5035 1ST AVE S SEATTLE, WA 98134	RCRIS-SQG FINDS	1000982920 WA0000932632
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Site 2 of 5 in cluster AQ

Relative:
Lower

Actual:
11 ft.

RCRIS:
Owner: MICHIGAN PROPERTIES
(360) 555-1212
EPA ID: WA0000932632
Contact: LARRY RUSSAK
(206) 762-7474

Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

AQ213 WNW 1/2-1 2995 ft.	CRAIG TAYLOR EQUIPMENT 5030 1ST AVE S SEATTLE, WA 98134	CSCSL NFA	U003750123 N/A
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Site 3 of 5 in cluster AQ

Relative:
Lower

Actual:
11 ft.

WA NFA:
Facility/Site Id : 2363
Ecology Status : Independent Remedial Action
Independent Status Code : Final Independent RA Report received
WARM Bin Number : Not reported
NFA Code : NFA after Assesment IRAP or VCP
NFA Date : 5/16/96 0:00
Program Plan Code : 3
NFA Desc : NFA after assessment, IRAP, or VCP

AQ214 WNW 1/2-1 2995 ft.	CRAIG TAYLOR EQUIPMENT 5030 1ST AVE. S. SEATTLE, WA 98134	WA ICR	S104486392 N/A
---	--	---------------	---------------------------------

Site 4 of 5 in cluster AQ

Relative:
Lower

Actual:
11 ft.

WA ICR:
Date Ecology Received Report: 05/20/1991
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Not reported
Site Register Issue: 91-30
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CRAIG TAYLOR EQUIPMENT (Continued)

S104486392

Date Ecology Received Report: 07/15/1991
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: 92-03
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 01/23/1992
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 92-39
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

AQ215
WNW
1/2-1
2995 ft.

CRAIG TAYLOR EQUIPMENT
5030 1ST AVE S
SEATTLE, WA 98134

UST U003795301
N/A

Site 5 of 5 in cluster AQ

Relative:
Lower

UST:
Facility ID: 200514
Install Date: Not reported
Capacity: Not reported
Status: Not reported
Tank Name: Not reported
Substance: Not reported
Compartment #: Not reported
Ecology Region: North Western

Actual:
11 ft.

AS216
WSW
1/2-1
2997 ft.

FRAY EQUIPMENT COMPANY INC
5821 1ST AVE SOUTH
SEATTLE, WA 98108

UST 1000439989
N/A

Site 1 of 2 in cluster AS

Relative:
Lower

UST:
Facility ID: 3150
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Actual:
10 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FRAY EQUIPMENT COMPANY INC (Continued)

1000439989

Facility ID: 3150
Install Date: 12/31/1964 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 5
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 3150
Install Date: 12/31/1964 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 7
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 3150
Install Date: 12/31/1964 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Closed in Place
Tank Name: 3
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 3150
Install Date: 12/31/1964 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Closed in Place
Tank Name: 4
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 3150
Install Date: 12/31/1964 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Closed in Place
Tank Name: 6
Substance: KEROSENE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3150
Install Date: 12/31/1964 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 2
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site
 Database(s)
 EDR ID Number
 EPA ID Number

FRAY EQUIPMENT COMPANY INC (Continued)

1000439989

AS217
 WSW
 1/2-1
 2997 ft.

FRAY EQUIPMENT CO
5821 1ST AVE S
SEATTLE, WA 98108

RCRIS-SQG 1001490250
 FINDS WAD027430735

Site 2 of 2 in cluster AS

Relative:
 Lower

Actual:
 10 ft.

RCRIS:
 Owner: JOHN FRAY JR
 (206) 324-2915
 EPA ID: WAD027430735
 Contact: TREVOR SIMMONS
 (206) 767-3640
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

218
 NNW
 1/2-1
 3024 ft.

NORTHWEST PUMP EQUIPMENT
601 S SNOQUALMIE ST
SEATTLE, WA 98108

RCRIS-SQG 1004793966
 FINDS WAD988477097

Relative:
 Lower

Actual:
 17 ft.

RCRIS:
 Owner: NORTHWEST PUMP & EQUIPMENT
 (503) 227-7867
 EPA ID: WAD988477097
 Contact: RANDY DOTSON
 (206) 708-3123
 Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

AR219
 SSW
 1/2-1
 3039 ft.

EMERALD TOOL INC
6332 6TH S
SEATTLE, WA 98108

RCRIS-SQG 1000101621
 CSCSL WAD042476788
 FINDS
 CERC-NFRAP

Site 5 of 6 in cluster AR

Relative:
 Lower

Actual:
 12 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

EMERALD TOOL INC (Continued)

1000101621

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
Non NPL Code: NFRAP
Ownership Status: Other
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY Completed: 05/12/1982
Assessment: PRELIMINARY ASSESSMENT Completed: 09/26/1984
Assessment: SITE INSPECTION Completed: 03/31/1986
Assessment: ARCHIVE SITE Completed: 01/24/1994

CERCLIS-NFRAP Alias Name(s):

AND ALL ELECTRO CHROME, INC.

RCRIS:

Owner: GARY WALKER
(206) 767-5670
EPA ID: WAD042476788
Contact: DENNIS MCGUIRE
(206) 767-5670
Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 2084
MTBE Code: Not reported
Responsible Unit: Northwest Region
Latitude: 47 32 43.37
Longitude: 122 19 13.44
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):
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)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: Unknown
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: Suspected to be present
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EMERALD TOOL INC (Continued)

1000101621

Corrosive Wastes:	Suspected to be present
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Suspected to be present
Facility ID:	2084
MTBE Code:	Not reported
Responsible Unit:	Northwest Region
Latitude:	47 32 43.37
Longitude:	122 19 13.44
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):	
Affected Media:	Ground 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
Arsenic Code:	Not reported
Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Suspected to be present
Horizontal Collection Method:	Unknown
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:	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:	Suspected to be present

AR220 MILL LOG MARINE INC SEATTLE
 SSW 6345 6TH AVE S
 1/2-1 SEATTLE, WA 98108
 3051 ft.

RCRIS-SQG 1000339671
 FINDS WAD043448299

Relative:
 Lower
 Site 6 of 6 in cluster AR

Actual:
 12 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MILL LOG MARINE INC SEATTLE (Continued)

1000339671

RCRIS:
 Owner: MILL LOG MARINE
 (360) 555-1212
 EPA ID: WAD043448299
 Contact: LARRY PERDUE
 (425) 251-3434
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

221
 West
 1/2-1
 3069 ft.

NATIONAL TRANSFER INC
5265 UTAH AVE S
SEATTLE, WA 98134

LUST U001126269
 UST N/A

Relative:
 Lower
 Actual:
 10 ft.

LUST:
 Facility ID: 10267 Ecology Region: NWRO
 Release ID: 1844 Release Date: 05/24/90
 Release Status: Cleanup Started Status Date: 5/24/90
 Alternate Name: NATIONAL TRANSFER
 Lat/Lon 47.55537 / 122.33534
 Affected Media: Soil
 Facility ID: 10267 Ecology Region: NWRO
 Release ID: 1844 Release Date: 05/24/90
 Release Status: Reported Cleaned Up Status Date: 6/1/95
 Alternate Name: NATIONAL TRANSFER
 Lat/Lon 47.55537 / 122.33534
 Affected Media: Soil

UST:
 Facility ID: 10267
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 1
 Substance: UNLEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

AT222
 WNW
 1/2-1
 3069 ft.

WEST PAC ENVIRONMENTAL INC
54 S DAWSON ST STE 100
SEATTLE, WA 98134

RCRIS-SQG 1001203991
 FINDS WAH000001271

Site 1 of 2 in cluster AT

Relative:
 Lower
 Actual:
 10 ft.

MAP FINDINGS

Map ID							
Direction							
Distance							
Distance (ft.)							
Elevation	Site				Database(s)	EDR ID Number	EPA ID Number

WEST PAC ENVIRONMENTAL INC (Continued)

1001203991

RCRIS:

Owner: WEST PAC ENVIRONMENTAL
(206) 762-1190

EPA ID: WAH000001271

Contact: MARK CAPUTO
(206) 768-3238

Classification: Small Quantity Generator
TSDf Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
National Compliance Database (NCDB)
Resource Conservation and Recovery Act Information system (RCRAINFO)

AT223 ENVIRONMENTAL TRANSPORT INC
WNW 54 S DAWSON ST ENVIRONMENTAL T
1/2-1 SEATTLE, WA 98134
3069 ft.

RCRIS-SQG 1000842703
FINDS WAD980982532

Site 2 of 2 in cluster AT

Relative:
Lower

RCRIS:

Owner: SHARE HOLDERS
(206) 762-8824

EPA ID: WAD980982532

Contact: RICHARD RAMSEY
(206) 762-8824

Classification: Small Quantity Generator
TSDf Activities: Not reported

Violation Status: No violations found

Actual:
10 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

AU224 OLYMPIC MEDICAL CORP 1ST AVE S
WSW 5900 1ST AVE S
1/2-1 SEATTLE, WA 98108
3070 ft.

RCRIS-SQG 1000660042
FINDS WAD988497228

Site 1 of 3 in cluster AU

Relative:
Lower

Actual:
10 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

OLYMPIC MEDICAL CORP 1ST AVE S (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000660042

RCRIS:

Owner: OLYMPIC MEDICAL CORP
 (206) 767-3500
 EPA ID: WAD988497228
 Contact: CHECK POTTS
 (206) 268-5125

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: -606(4)
 Area of Violation: GENERATOR-RECORDKEEPING REQUIREMENTS
 Date Violation Determined: 04/10/1992
 Actual Date Achieved Compliance: 06/01/1992
 Enforcement Action: VERBAL INFORMAL
 Enforcement Action Date: 06/01/1992
 Penalty Type: Not reported

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

Evaluation	Area of Violation	Date of Compliance
Other Evaluation	GENERATOR-RECORDKEEPING REQUIREMENTS	19920601

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

AU225
 WSW
 1/2-1
 3073 ft.

OTT REAL ESTATE PROPERTY
 5903 1ST AV S
 SEATTLE, WA 98108

CSCSL NFA S104971725
 N/A

Site 2 of 3 in cluster AU

Relative:
 Lower

WA NFA:
 Facility/Site Id : 17634
 Ecology Status : Independent Remedial Action
 Independent Status Code : Final Independent RA Report received
 WARM Bin Number : Not reported
 NFA Code : NFA after Assesment IRAP or VCP
 NFA Date : 5/22/96 0:00
 Program Plan Code : 3
 NFA Desc : NFA after assessment, IRAP, or VCP

Actual:
 10 ft.

226
 South
 1/2-1
 3076 ft.

GIDDENS INDUSTRIES INC GEORGETOWN FACILI
 6401 CARLETON AVE S
 SEATTLE, WA 98108

RCRIS-SQG 1005445105
 FINDS WAH000013599

Relative:
 Equal

Actual:
 18 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EPA ID Number
EPA ID Number

GIDDENS INDUSTRIES INC GEORGETOWN FACILI (Continued)

1005445105

RCRIS:

Contact: STEPHEN JOO
(206) 763-2848

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

**AV227
SSW
1/2-1
3082 ft.**

**SUDDEN PRINTING
571 S MICHIGAN ST
SEATTLE, WA 98108**

**RCRIS-SQG 1000706762
FINDS WAD051240307**

Site 1 of 4 in cluster AV

**Relative:
Lower**

RCRIS:

Owner: SUDDEN PRINTING
(360) 555-1212

**Actual:
11 ft.**

EPA ID: WAD051240307

Contact: RUSSELL RANGER
(206) 243-4444

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

**AU228
WSW
1/2-1
3113 ft.**

**BECKWITH KUFFEL INC
5930 1ST AVE S
SEATTLE, WA 98108**

**RCRIS-SQG 1000838339
FINDS WAD988511127
UST**

Site 3 of 3 in cluster AU

**Relative:
Lower**

RCRIS:

Owner: BECKWITH KUFFEL INC
(360) 555-1212

**Actual:
10 ft.**

EPA ID: WAD988511127

Contact: LOUIS KUFFEL
(206) 767-6700

Classification: Small Quantity Generator
TSDF Activities: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BECKWITH KUFFEL INC (Continued)

1000838339

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

UST:

Facility ID: 9853
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 1
 Substance: UNLEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 9853
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 to 1,100 Gallons
 Status: Removed
 Tank Name: 2
 Substance: USED OIL/WASTE OIL
 Compartment #: 1
 Ecology Region: North Western

229
 West
 1/2-1
 3127 ft.

MASTER BUILDERS
64 S LUCILE ST
SEATTLE, WA 98134

CSCSL NFA S104971695
N/A

Relative:
 Lower

WA NFA:
 Facility/Site Id : 2254
 Ecology Status : Awaiting Site Hazard Assessment
 Independent Status Code : Not reported
 WARM Bin Number : Not reported
 NFA Code : NFA after Assessment IRAP or VCP
 NFA Date : 7/10/98 0:00
 Program Plan Code : Not reported
 NFA Desc : NFA after assessment, IRAP, or VCP

230
 South
 1/2-1
 3131 ft.

DISTRICT HEADQUARTERS SITE
6431 CORSON AVE S
SEATTLE, WA 98108

LUST U001127128
UST N/A

Relative:
 Lower

LUST:
 Facility ID: 12241 Ecology Region: NWRO
 Release ID: 2165 Release Date: 04/17/91
 Release Status: Cleanup Started Status Date: 4/15/91
 Alternate Name: WDOT CORSON
 Lat/Lon 47.54562 / 122.32198
 Affected Media: Soil

Facility ID: 12241 Ecology Region: NWRO
 Release ID: 2165 Release Date: 04/17/91
 Release Status: Unknown Status Date: 6/1/95
 Alternate Name: WDOT CORSON

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

DISTRICT HEADQUARTERS SITE (Continued)

U001127128

Lat/Lon 47.54562 / 122.32198
Affected Media: Soil

UST:

Facility ID: 12241
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 66A02002
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 12241
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 66A02003
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 12241
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 66A02001
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 12241
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 66A04008
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 12241
Install Date: 5/30/1991 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 66A13919
Substance: UNLEADED 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

DISTRICT HEADQUARTERS SITE (Continued)

U001127128

Facility ID: 12241
Install Date: 5/30/1991 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 66A13920
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 12241
Install Date: 5/30/1991 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 66A13921
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

231 FRED HUTCHINSON CANCER RESEARCH CNTR / AKA VINCENT
NW 4755 FIRST AVE S
1/2-1 SEATTLE, WA 98109
3134 ft.

UST U003750460
N/A

Relative:
Lower
Actual:
14 ft.

UST:
Facility ID: 543770
Install Date: 1/1/1900 00:00:00
Capacity: 111 TO 1,000 GALLONS
Status: Removed
Tank Name: 1
Substance: UNKNOWN
Compartment #: 1
Ecology Region: North Western

Facility ID: 543770
Install Date: 1/1/1900 00:00:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Removed
Tank Name: 2
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 543770
Install Date: 1/1/1900 00:00:00
Capacity: 1,101 TO 2,000 GALLONS
Status: Removed
Tank Name: 3
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

AV232 MICHIGAN STREET SHELL
SSW 551 S MICHIGAN ST
1/2-1 SEATTLE, WA 98108
3167 ft.

LUST U003027312
UST N/A

Site 2 of 4 in cluster AV

Relative:
 Lower

LUST:

Actual:
 11 ft.

Facility ID:	5289	Ecology Region:	NWRO
Release ID:	5281	Release Date:	06/08/94
Release Status:	Cleanup Started	Status Date:	6/1/95
Alternate Name:	GAS N WASH		
Lat/Lon	47.54564 / 122.32785		
Affected Media:	Ground Water		

Facility ID:	5289	Ecology Region:	NWRO
Release ID:	5281	Release Date:	06/08/94
Release Status:	Cleanup Started	Status Date:	6/1/95
Alternate Name:	GAS N WASH		
Lat/Lon	47.54564 / 122.32785		
Affected Media:	Soil		

UST:

Facility ID: 5289
 Install Date: 4/1/1978 00:00:00
 Capacity: 10,000 TO 19,999 GALLONS
 Status: Operational
 Tank Name: #1
 Substance: UNLEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 5289
 Install Date: 4/1/1978 00:00:00
 Capacity: 10,000 TO 19,999 GALLONS
 Status: Operational
 Tank Name: #3
 Substance: LEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 5289
 Install Date: 4/1/1978 00:00:00
 Capacity: 10,000 TO 19,999 GALLONS
 Status: Operational
 Tank Name: #4
 Substance: UNLEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 5289
 Install Date: 4/1/1978 00:00:00
 Capacity: 10,000 TO 19,999 GALLONS
 Status: Operational
 Tank Name: #2
 Substance: UNLEADED 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

MICHIGAN STREET SHELL (Continued)

U003027312

AV233
 SSW
 1/2-1
 3167 ft.

EVERCLEAN INC DBA GAS N WASH
551 S MICHIGAN ST
SEATTLE, WA 98108

RCRIS-SQG 1001491434
CSCSL WA0000997585
FINDS
VCP

Site 3 of 4 in cluster AV

Relative:
 Lower

Actual:
 11 ft.

RCRIS:
 Owner: EVERCLEAN INC
 (206) 442-9100
 EPA ID: WA0000997585
 Contact: PAM CUNNINGHAM
 (253) 804-3498
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 64981477
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 32 44.3
 Longitude: 122 19 40.26
 Ecology Site Status relative to the MTCA cleanup process:
 Independent Remedial Action
 Independent Site Status - those sites undergoing an independent cleanup:
 Final Independent Remedial Action Report received
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
 Affected Media: Ground 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)
 Arsenic Code: Not reported
 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 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

GAS N WASH (Continued)

S104485354

Date Ecology Received Report: 03/16/2000
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: 98-25
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 12/13/1999
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: 98-25
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 09/21/1998
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: 98-25
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 07/13/2000
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: 98-27
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 06/13/1994
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: 93-30
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 10/23/1995

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EVERCLEAN INC DBA GAS N WASH (Continued)

1001491434

Facility ID: 64981477
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 32 44.3
 Longitude: 122 19 40.26
 Ecology Site Status relative to the MTCA cleanup process:
 Independent Remedial Action
 Independent Site Status - those sites undergoing an independent cleanup:
 Final Independent Remedial Action Report received
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
 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
 Arsenic Code: Not reported
 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: 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

VCP:
 Facility ID : 64981477
 WARM BIN # : Not reported
 Ecology Status : Independent Remedial Action
 NFA Code : Not reported

AV234
 SSW
 1/2-1
 3167 ft.

GAS N WASH
551 S. MICHIGAN ST.
SEATTLE, WA 98108

WA ICR S104485354
N/A

Site 4 of 4 in cluster AV

Relative:
 Lower

Actual:
 11 ft.

WA ICR:
 Date Ecology Received Report: 08/17/1999
 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: 98-18
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GAS N WASH (Continued)

S104485354

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: 94-15
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 09/21/1998
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: 98-13
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 10/30/2000
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: 98-32
County Code: 17.00000
Contact: Not reported
Report Title: Ground Water Monitoring - Third Quarter 2000

Date Ecology Received Report: 02/13/2001
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: 98-34
County Code: 17.00000
Contact: Not reported
Report Title: Monitoring - January 2001

AW235 BYG COOP
WNW 74 S HUDSON ST WAREHOUSE
1/2-1 SEATTLE, WA 98134
3182 ft.
Site 1 of 6 in cluster AW

Relative:
Lower

Actual:
11 ft.

RCRIS-SQG 1000838372
FINDS WAD988511473

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

BYG COOP (Continued)

1000838372

RCRIS:

Owner: BYG COOP
 (206) 767-6626
 EPA ID: WAD988511473
 Contact: THACH NGO
 (206) 767-6626
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

236
 SSW
 1/2-1
 3187 ft.

BAYSIDE AUTOMOTIVE STORAGE INC
NE COR OF 96TH ST & 10TH AVE S
SEATTLE, WA 98108

RCRIS-SQG 1000706879
 FINDS WAD988500518

Relative:
 Lower

RCRIS:

Owner: BAYSIDE AUTOMOTIVE STORAGE INC
 (360) 555-1212
 EPA ID: WAD988500518
 Contact: C DAVIS
 (425) 883-1762

Actual:
 10 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

237
 WSW
 1/2-1
 3203 ft.

BANK & OFFICE INTERIORS
5990 1ST AVE S
SEATTLE, WA 98108

RCRIS-SQG 1000878872
 FINDS WAD988522074

Relative:
 Lower

RCRIS:

Owner: FBN ENTERPRISES INC
 (425) 820-8115
 EPA ID: WAD988522074
 Contact: MARY FEIN
 (206) 768-0205

Actual:
 9 ft.

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BANK & OFFICE INTERIORS (Continued)

1000878872

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

AX238
 SE
 1/2-1
 3205 ft.

MIKES MOBIL SERVICE
6235 AIRPORT WY SO
SEATTLE, WA 98108

LUST U001122859
 UST N/A

Site 1 of 3 in cluster AX

Relative:
 Higher

Actual:
 24 ft.

LUST:

Facility ID:	2711	Ecology Region:	NWRO
Release ID:	2906	Release Date:	09/24/90
Release Status:	Cleanup Started	Status Date:	6/1/95
Alternate Name:	TEXACO STATION MIKES		
Lat/Lon	47.5478 / 122.316196		
Affected Media:	Soil		

Facility ID:	2711	Ecology Region:	NWRO
Release ID:	2906	Release Date:	09/24/90
Release Status:	Reported Cleaned Up	Status Date:	4/17/01
Alternate Name:	TEXACO STATION MIKES		
Lat/Lon	47.5478 / 122.316196		
Affected Media:	Soil		

UST:

Facility ID: 2711
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: #4
 Substance: UNLEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 2711
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: #2
 Substance: LEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 2711
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: #1
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MIKES MOBIL SERVICE (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001122859

Facility ID: 2711
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: #3
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

AX239
SE
1/2-1
3205 ft.

TEXACO
6235 AIRPORT WAY S.
SEATTLE, WA 98108

WA ICR S104959698
N/A

Site 2 of 3 in cluster AX

Relative:
Higher

Actual:
24 ft.

WA ICR:
Date Ecology Received Report: 02/06/1991
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: 98-35
County Code: 17.00000
Contact: Not reported
Report Title: Initial Investigation

AW240
WNW
1/2-1
3214 ft.

80 SOUTH HUDSON ST
80 SOUTH HUDSON ST
SEATTLE, WA

ERNS 91221877
N/A

Site 2 of 6 in cluster AW

Relative:
Lower

Actual:
11 ft.

AW241
WNW
1/2-1
3238 ft.

80 S HUDSON ST SITE
80 S HUDSON ST
SEATTLE, WA 98134

UST U003750043
N/A

Site 3 of 6 in cluster AW

Relative:
Lower

Actual:
11 ft.

UST:
Facility ID: 200323
Install Date: 1/1/1900 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Substance: Not reported
Compartment #: Not reported
Ecology Region: North Western

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

80 S HUDSON ST SITE (Continued)

U003750043

Facility ID: 200323
 Install Date: 1/1/1900 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 3
 Substance: Not reported
 Compartment #: Not reported
 Ecology Region: North Western

Facility ID: 200323
 Install Date: 1/1/1900 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 2
 Substance: Not reported
 Compartment #: Not reported
 Ecology Region: North Western

**AW242
 WNW
 1/2-1
 3238 ft.**

**80 S HUDSON ST SITE
 80 S HUDSON ST
 SEATTLE, WA 98134**

**LUST S101098357
 N/A**

Site 4 of 6 in cluster AW

**Relative:
 Lower**

**Actual:
 11 ft.**

LUST:

Facility ID: 200323 Ecology Region: NWRO
 Release ID: 1884 Release Date: 08/06/90
 Release Status: Cleanup Started Status Date: 5/21/95
 Alternate Name: 80 S HUDSON STREET
 Lat/Lon: 47.55743 / 122.33507
 Affected Media: Ground Water

Facility ID: 200323 Ecology Region: NWRO
 Release ID: 1884 Release Date: 08/06/90
 Release Status: Reported Cleaned Up Status Date: 4/29/97
 Alternate Name: 80 S HUDSON STREET
 Lat/Lon: 47.55743 / 122.33507
 Affected Media: Ground Water

Facility ID: 200323 Ecology Region: NWRO
 Release ID: 1884 Release Date: 08/06/90
 Release Status: Cleanup Started Status Date: 5/21/95
 Alternate Name: 80 S HUDSON STREET
 Lat/Lon: 47.55743 / 122.33507
 Affected Media: Soil

Facility ID: 200323 Ecology Region: NWRO
 Release ID: 1884 Release Date: 08/06/90
 Release Status: Reported Cleaned Up Status Date: 4/29/97
 Alternate Name: 80 S HUDSON STREET
 Lat/Lon: 47.55743 / 122.33507
 Affected Media: Soil

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number _____
 _____ EPA ID Number _____

AW243 **S.E.S. INC.** **WA ICR** **S104487353**
WNW **80 S. HUDSON ST.**
1/2-1 **SEATTLE, WA 98134**
3238 ft.

Site 5 of 6 in cluster AW

Relative:
Lower

WA ICR:
 Date Ecology Received Report: 12/05/1991
 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: 92-13
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Actual:
11 ft.

Date Ecology Received Report: 04/03/1992
 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: 92-21
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Date Ecology Received Report: 12/26/1995
 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: 94-25
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Date Ecology Received Report: 04/22/1996
 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: 94-37
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Date Ecology Received Report: 12/12/1996
 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: 94-54
 County Code: 17.00000

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

S.E.S. INC. (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S104487353

Contact: Not reported
 Report Title: Not reported

 Date Ecology Received Report: 04/29/1997
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Groundwater, Soil
 Cause of Contamination: Tank
 Region: North Western
 Type of Report Ecology Received: Final cleanup report
 Site Register Issue: 94-54
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

244
 North
 1/2-1
 3264 ft.

PAINTERS INC
 4501 AIRPORT WAY S
 SEATTLE, WA 98108

RCRIS-SQG 1000127322
 FINDS WAD980976385

Relative:
 Higher

RCRIS:
 Owner: MARK LEVY
 (206) 628-3123
 EPA ID: WAD980976385
 Contact: MARK LEVY
 (206) 628-3123

 Classification: Small Quantity Generator
 TSDF Activities: Not reported

 Violation Status: No violations found

Actual:
 29 ft.

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

AX245
 SE
 1/2-1
 3271 ft.

6249 AIRPORT WAY S
6249 AIRPORT WAY S
SEATTLE, WA 98108

RCRIS-SQG 1000199755
 FINDS WAD981773146

Site 3 of 3 in cluster AX

Relative:
 Higher

RCRIS:
 Owner: WA ECV
 (360) 555-1212
 EPA ID: WAD981773146
 Contact: ROBERT NEWMAN
 (360) 867-7046

 Classification: Small Quantity Generator
 TSDF Activities: Not reported

Actual:
 27 ft.

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EDR ID Number EPA ID Number

6249 AIRPORT WAY S (Continued) **1000199755**

Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

AW246 WNW 1/2-1 3280 ft.	SES INC WEST PAC ENVIRONMENTAL 74 S HUDSON ST SEATTLE, WA 98134	RCRIS-SQG FINDS	1000119353 WAD980981963
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Site 6 of 6 in cluster AW

Relative: Lower
 Actual: 11 ft.

RCRIS:
 Owner: JOHN BANCHERO JR
 (206) 762-1190
 EPA ID: WAD980981963
 Contact: MARK CAPUTO
 (206) 762-1190

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Biennial Reporting System (BRS)
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

AY247 West 1/2-1 3281 ft.	DAWSON STREET LAND CO 56 S DAWSON ST SEATTLE, WA 98134	RCRIS-SQG FINDS WA ICR	1001490976 WAD988520136
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Site 1 of 5 in cluster AY

Relative: Lower
 Actual: 10 ft.

RCRIS:
 Owner: DAWSON STREET LAND CO
 (206) 763-2700
 EPA ID: WAD988520136
 Contact: RICHARD RAMSEY
 (206) 763-2700

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

WA ICR:
 Date Ecology Received Report: 01/30/1992
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Soil

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

DAWSON STREET LAND CO (Continued)

1001490976

Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 92-39
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 10/13/1992
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: 17.00000
Contact: Not reported
Report Title: Not reported

AY248 SEATTLE DISPOSAL
West 55 SOUTH DAWSON STREET
1/2-1 SEATTLE, WA 98134
3281 ft.

UST U003025159
N/A

Site 2 of 5 in cluster AY

Relative:
Lower

Actual:
10 ft.

UST:
Facility ID: 101485
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

AY249 DAWSON STREET LAND COMPANY
West 54 S DAWSON
1/2-1 SEATTLE, WA 98134
3281 ft.

LUST U003028137
UST N/A

Site 3 of 5 in cluster AY

Relative:
Lower

Actual:
10 ft.

LUST:
Facility ID: 7423 Ecology Region: NWRO
Release ID: 3568 Release Date: 06/15/92
Release Status: Cleanup Started Status Date: 6/1/95
Alternate Name: DAWSON STREET LAND CO
Lat/Lon 47.55585 / 122.33632
Affected Media: Soil

Facility ID: 7423 Ecology Region: NWRO
Release ID: 3568 Release Date: 06/15/92
Release Status: Monitoring Status Date: 7/19/00
Alternate Name: DAWSON STREET LAND CO
Lat/Lon 47.55585 / 122.33632
Affected Media: Soil

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

DAWSON STREET LAND COMPANY (Continued)

U003028137

UST:

Facility ID: 7423
Install Date: 12/31/1964 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 9
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 7423
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: 10
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 7423
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 5
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7423
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: 1
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 7423
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 7
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 7423
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 3
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

DAWSON STREET LAND COMPANY (Continued)

U003028137

Facility ID: 7423
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 4
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7423
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: 8
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 7423
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 2
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7423
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 6
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

AY250
West
1/2-1
3290 ft.

WEST PAC ENVIRONMENTAL
55 S DAWSON ST
SEATTLE, WA, 98134

PADS 1000838983
RCRIS-SQG WAD988518031
FINDS

Site 4 of 5 in cluster AY

Relative:
Lower

Actual:
10 ft.

RCRIS:
Owner: WEST PAC ENVIRONMENTAL
(206) 762-1190
EPA ID: WAD988518031
Contact: MARK CAPUTO
(206) 768-3238
Classification: Small Quantity Generator
TSD Activities: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

WEST PAC ENVIRONMENTAL (Continued)

1000838983

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

AZ251
 West
 1/2-1
 3300 ft.

NATIONAL TRANSFER INC.
 28 S. BRANDON ST.
 SEATTLE, WA 98134

WA ICR S104487141
 N/A

Site 1 of 2 in cluster AZ

Relative:
 Lower

WA ICR:
 Date Ecology Received Report: 10/04/1990
 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: 90-13
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Actual:
 9 ft.

AZ252
 West
 1/2-1
 3310 ft.

NATIONAL TRANSFER INC
 28 S BRANDON ST
 SEATTLE, WA 98108

RCRIS-SQG 1001491015
 FINDS WAD988523205

Site 2 of 2 in cluster AZ

Relative:
 Lower

RCRIS:
 Owner: SEADRUNAR
 (206) 467-7550
 EPA ID: WAD988523205
 Contact: HAZ-WASTE MGR
 (425) 251-9800
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Actual:
 9 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BA253	WSW	1/2-1	3315 ft.		5801 EAST MARGINAL WAY SOUTH 5801 EAST MARGINAL WAY SOUTH SEATTLE, WA 98134 Site 1 of 9 in cluster BA	ERNS	97405955	N/A
					Relative: Lower			
					Actual: 9 ft.			
BA254	WSW	1/2-1	3315 ft.		5801 E. MARGINAL WAY S. 5801 E. MARGINAL WAY S. SEATTLE, WA Site 2 of 9 in cluster BA	ERNS	91202526	N/A
					Relative: Lower			
					Actual: 9 ft.			
BA255	WSW	1/2-1	3315 ft.		5801 EAST MARGINAL WAY SO 5801 EAST MARGINAL WAY SO SEATTLE, WA 98134 Site 3 of 9 in cluster BA	ERNS	91206359	N/A
					Relative: Lower			
					Actual: 9 ft.			
BA256	WSW	1/2-1	3315 ft.		5800 MARGINAL WAY 5800 MARGINAL WAY SEATTLE, WA Site 4 of 9 in cluster BA	ERNS	97408708	N/A
					Relative: Lower			
					Actual: 9 ft.			

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	

257 West 1/2-1 3326 ft.	CHEVRON #0636 5940 E. MARGINAL WAY SEATTLE, WA 98134	WA ICR	S104488440 N/A
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Relative: Lower	WA ICR: Date Ecology Received Report: 08/16/1996 Contaminants Found at Site: Petroleum products
Actual: 9 ft.	Media Contaminated: Soil Cause of Contamination: Tank Region: North Western Type of Report Ecology Received: Interim cleanup report Site Register Issue: 94-38 County Code: 17.00000 Contact: Not reported Report Title: Not reported

258 SE 1/2-1 3330 ft.	UNITED BLDG SVCS 6259 AIRPORT WY S SEATTLE, WA 98108	RCRIS-SQG FINDS	1001092050 WAR000006965
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Relative: Higher	RCRIS: Owner: UNITED BLDG SVCS (206) 763-7676
Actual: 28 ft.	EPA ID: WAR000006965 Contact: EARL FAYLOR (206) 763-7676 Classification: Small Quantity Generator TSDF Activities: Not reported Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

BB259 WSW 1/2-1 3336 ft.	5901 EAST MARGINAL WAY 5901 EAST MARGINAL WAY SEATTLE, WA	ERNS	90191082 N/A
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Site 1 of 3 in cluster BB

Relative: Lower	
Actual: 9 ft.	

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

260 **NORTHWEST BOTTLING CO**
SSE **1136 ALBRO PL S**
1/2-1 **SEATTLE, WA 98108**
3337 ft.

RCRIS-SQG **1000345998**
FINDS **WAD009259847**
UST

Relative:
Higher

RCRIS:
 Owner: NORTHWEST BOTTLING CO
 (360) 555-1212

Actual:
21 ft.

EPA ID: WAD009259847

Contact: LARRY WHEELER
 (206) 767-7766

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

UST:

Facility ID: 10933
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: UNLEADED
 Substance: UNLEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 10933
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: REGULAR
 Substance: LEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

261 **PLYMOUTH POULTRY COMPANY**
North **4500 7TH AVE S**
1/2-1 **SEATTLE, WA 98108**
3344 ft.

UST **U003026255**
N/A

Relative:
Higher

UST:
 Facility ID: 2187
 Install Date: 10/7/1978 00:00:00
 Capacity: 5,000 TO 9,999 GALLONS
 Status: Operational
 Tank Name: 1
 Substance: DIESEL
 Compartment #: 1
 Ecology Region: North Western

Actual:
20 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BC262 JAMES HARDIE GYPSUM
 WSW 5931 E MARGINAL WY S
 1/2-1 SEATTLE, WA 98134
 3362 ft.

RCRIS-SQG 1004793687
 CSCSL WAD980382972
 FINDS

Site 1 of 4 in cluster BC

Relative:
 Lower

RCRIS:
 Owner: JAMES HARDIE GYPSUM
 (360) 555-1212
 EPA ID: WAD980382972
 Contact: MARK CUBBAGE
 (206) 763-1441

Actual:
 9 ft.

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: -515(6)(a)(i)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 09/11/2002
 Actual Date Achieved Compliance: 12/26/2002

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 12/23/2002
 Penalty Type: Not reported

Regulation Violated: -522(2)(a)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 09/11/2002
 Actual Date Achieved Compliance: 12/26/2002

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 12/23/2002
 Penalty Type: Not reported

Regulation Violated: -515(6) / 40 CFR 279.22(c)(1)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 09/11/2002
 Actual Date Achieved Compliance: 12/26/2002

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 12/23/2002
 Penalty Type: Not reported

There are 3 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20021226
	GENERATOR-GENERAL REQUIREMENTS	20021226
	GENERATOR-GENERAL REQUIREMENTS	20021226

FINDS:

- Other Pertinent Environmental Activity Identified at Site:
 - AIRS Facility System (AIRS/AFS)
 - Facility Registry System (FRS)
 - NEI
 - Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 2253
 MTBE Code: Not reported
 Responsible Unit: Northwest Region

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

JAMES HARDIE GYPSUM (Continued)

1004793687

Latitude: 47 32 57
Longitude: 122 20 6
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):
Affected Media: Ground 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)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: GPS (Code/Differential)
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

Facility ID: 2253
MTBE Code: Not reported
Responsible Unit: Northwest Region
Latitude: 47 32 57
Longitude: 122 20 6
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):
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)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: GPS (Code/Differential)
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

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

JAMES HARDIE GYPSUM (Continued)

1004793687

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

BA263
 WSW
 1/2-1
 3363 ft.

SAINT GOBAIN CONTAINERS LLC
5801 E MARGINAL WAY S
SEATTLE, WA 98134

FINDS 1000411057
RCRIS-LQG 98134BLLNC58
TRIS
EMI

Site 5 of 9 in cluster BA

Relative:
 Lower

Actual:
 9 ft.

RCRIS:
 Owner: BALL INCON GLASS PACKAGING CORP
 (360) 555-1212
 EPA ID: WAD044589935
 Contact: BOB FLEMER
 (206) 768-6276

Classification: Large Quantity Generator
 TSDF Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1999

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	167.51	D002	335.00
D006	1137.64	D007	3880.00
D008	1137.64	D018	167.51
D027	1137.64	D039	2417.38
D040	1305.14		

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 AIRS Facility System (AIRS/AFS)
 Biennial Reporting System (BRS)
 Facility Registry System (FRS)
 NEI
 National Compliance Database (NCDB)
 National Emissions Trends (NET)
 National Toxics Inventory (NTI)
 Resource Conservation and Recovery Act Information system (RCRAINFO)
 Toxic Chemical Release Inventory System (TRIS)

WA AIR EMISSIONS:

Facility ID: 0004 Local ID: C
 SO2 Chemical: 114.7625 NO2 Chemical: 409.1445
 VOC Chemical: 0.0000 CO Chemical: 0.0000
 PM10 Chemical: 61.2535 Year Of Info: Not reported
 Mailing Name: BALL-INCON GLASS PACKAGING CORP
 5801 EAST MARGINAL WAY WOUTH
 SEATTLE, 53 98134
 Year Of Info: Not reported
 Mail Add Zip 2: Not reported
 Point Num: Not reported Point Desc: Not reported
 Tot Suspended Particulate Tons/Yr: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SAINT GOBAIN CONTAINERS LLC (Continued)

1000411057

Ecolgy Facility ID	Not reported	Local Air Agency ID	Not reported
Fed County Code	Not reported	Source Number	Not reported
Process ID	Not reported	Plant Name	Not reported
Univsl Business ID	Not reported		
Contact Name		Contact Fax	Not reported
Contact Phone	Not reported		
Contact E-mail	Not reported		
Plant SIC Code	Not reported		
Plant Lat/Long	Not reported		
Point Comments	Not reported		
Boilers Design Capacity At A Point	Not reported		
SIC Code For A Point Process	Not reported		
Plant Lat/Long	Not reported		
% Of Ops Occuring During Qtr Dec-Feb	Not reported		
% Of Ops Occuring During Qtr Mar-May	Not reported		
% Of Ops Occuring During Qtr Jun-Aug	Not reported		
% Of Ops Occuring During Qtr Sep-Nov	Not reported		
# Of Hours Facility Operates Each Day	Not reported		
# Of Days Facility Operates Each Week	Not reported		
# Of Weeks Facility Operates Each Year	Not reported		
Exit Temp Of A Stack Or Vent	Not reported		
% Wtr In Stack / Vent Exhaust	Not reported		
Height Of Stack	Not reported		
Diameter Of Stack	Not reported		
Air Flow From A Vent Or Stack	Not reported		
% Oxygen In Stack / Vent Exhaust	Not reported		
Vertical Dist Exhaust Travels From Stack/vent Outlet	Not reported		
Source Classifcn Code For Each Process In A Facility	Not reported		
EPA Code For Throughput Unit Of Measure	Not reported		
EPA Mat Code For Throughput At Each Process	Not reported		
EPA Code For Mat Throput Fate Desc/input/output/existing	Not reported		
Description Of Material	Not reported		
Annual Qty Of Throughput Mat	Not reported		
Maximum Rate/amount Of Annual Throughput	Not reported		
Percent Of Sulfur In Fuels	Not reported		
Percent Of Ash In Fuels	Not reported		
SCC Process Description	Not reported		
Emission Unit Output Threshold	Not reported		
Facility's Throughput Data Confidential	Not reported		
Tot Suspended Partclt Emisn Tons/Year	Not reported		
Tot Suspended Partclte Emissions Estmn Code	Not reported		
Pri Particulate Matter Cntrl Tech Code At Point/Segment	Not reported		
Sec Particulate Matter Cntrl Tech Code At Point/segment	Not reported		
% Control Of Particulate Matter Emissions	Not reported		
Particulate Matter Emission (?10microns) Tons/Year	Not reported		
Partclte Matter Emission (?10microns) Est Code	Not reported		
Pri Prtclte Matter (?10microns) Cntrl Tech Code At Pt/Seg	Not reported		
Sec Prtclte Matter (?10microns) Cntl Tech Code At Pt/Seg	Not reported		
% Cntrl Of Prtclte Matter (? 10microns) Emisns	Not reported		
Prtclte Matter (?2.5microns)emisns In Tons/Yr	Not reported		
Prtclte Matter Emisn (?2.5microns) Est Code	Not reported		
Pri Ptculate Matter (?2.5microns) Ctl Tech Code At Pt/Seg	Not reported		
Sec Prtclte Matter (?2.5microns) Ctl Tech Code At Pt/Seg	Not reported		
% Cntrl Of Particulate Matter (?2.5microns) Emissions	Not reported		
Sulfur Dioxide Emissions Tons/Year	Not reported		
Sulfur Dioxide Emission Estimation Code	Not reported		
Pri Sulfur Dioxide Cntrl Tech Code At Pt/Seg	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SAINT GOBAIN CONTAINERS LLC (Continued)

1000411057

Secondary Sulfur Dioxide Cntrl Tech Code At Pt/Seg : Not reported
 Percent Control Of Sulfur Dioxide Emissions : Not reported
 Nitrous Oxides Emissions In Tons/Yr : Not reported
 Nitrous Oxides Emission Estimation Code : Not reported
 Pri Nitrous Oxides Cntrl Tech Code At Point/Segment : Not reported
 Sec Nitrous Oxide Control Tech Code At Point Segment : Not reported
 Percent Control Of Nitrous Oxides Emissions : Not reported
 Desc Of Volatile Organic Compound Emitted : Not reported
 Volatile Organic Compound Emissions In Tons/Year : Not reported
 Voltl Organic Compound Emissions Est Code : Not reported
 Pri Voltl Organic Compound Cntl Tech Code At Pt/seg : Not reported
 Sec Voltl Organic Compound Cntl Tech Code At Pt/Seg : Not reported
 % Cntrl Of Volatile Organic Compound Emissions : Not reported
 Carbon Monoxide Emissions In Tons/Year : Not reported
 Carbon Monoxide Emission Est Code : Not reported
 Pri Carbon Monoxide Cntrl Tech Code At Pt/Seg : Not reported
 Sec Carbon Monoxide Cntrl Tech Code At Pt/Seg : Not reported
 % Cntrl Of Carbon Monoxide Emissions : Not reported
 Lead Emissions In Tons/Year : Not reported
 Lead Emission Estimation Code : Not reported
 PM10 Nonattainment Area : Not reported
 Ozone Nonattainment Area : Not reported
 CO Nonattainment Area : Not reported
 UTM East : Not reported
 UTM North : Not reported
 UTM Zone : Not reported

Facility ID: 0004 Local ID: C
 SO2 Chemical: 119 NO2 Chemical: 407
 VOC Chemical: 0 CO Chemical: 0
 PM10 Chemical: 64 Year Of Info: 96
 Mailing Name: BALL-INCON GLASS PACKAGING CORP
 5801 EAST MARGINAL WAY WOUTH
 SEATTLE, 53 98134

Year Of Info: 96
 Mail Add Zip 2: 2497
 Point Num: Not reported Point Desc: Not reported
 Tot Suspended Particulate Tons/Yr: Not reported
 Ecolgy Facility ID: Not reported Local Air Agency ID: Not reported
 Fed County Code: Not reported Source Number: Not reported
 Process ID: Not reported Plant Name: Not reported
 Univrsl Business ID: Not reported
 Contact Name :
 Contact Phone : Not reported Contact Fax : Not reported
 Contact E-mail : Not reported
 Plant SIC Code : Not reported
 Plant Lat/Long : Not reported
 Point Comments : Not reported
 Boilers Design Capacity At A Point : Not reported
 SIC Code For A Point Process: Not reported
 Plant Lat/Long : Not reported
 % Of Ops Occuring During Qtr Dec-Feb : Not reported
 % Of Ops Occuring During Qtr Mar-May : Not reported
 % Of Ops Occuring During Qtr Jun-Aug : Not reported
 % Of Ops Occuring During Qtr Sep-Nov : Not reported
 # Of Hours Facility Operates Each Day : Not reported
 # Of Days Facility Operates Each Week : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SAINT GOBAIN CONTAINERS LLC (Continued)

1000411057

# Of Weeks Facility Operates Each Year :	Not reported
Exit Temp Of A Stack Or Vent :	Not reported
% Wtr In Stack / Vent Exhaust :	Not reported
Height Of Stack :	Not reported
Diameter Of Stack :	Not reported
Air Flow From A Vent Or Stack :	Not reported
% Oxygen In Stack / Vent Exhaust :	Not reported
Vertical Dist Exhaust Travels From Stack/vent Outlet :	Not reported
Source Classifcn Code For Each Process In A Facility :	Not reported
EPA Code For Throughput Unit Of Measure :	Not reported
EPA Mat Code For Throughput At Each Process :	Not reported
EPA Code For Mat Throput Fate Desc/input/output/existing :	Not reported
Description Of Material :	Not reported
Annual Qty Of Throughput Mat :	Not reported
Maximum Rate/amount Of Annual Throughput :	Not reported
Percent Of Sulfur In Fuels :	Not reported
Percent Of Ash In Fuels :	Not reported
SCC Process Description :	Not reported
Emission Unit Output Threshold :	Not reported
Facility's Throughput Data Confidential :	Not reported
Tot Suspended Partclt Emissn Tons/Year :	Not reported
Tot Suspended Partclte Emissions Estmn Code :	Not reported
Pri Particulate Matter Cntrl Tech Code At Point/Segment :	Not reported
Sec Particulate Matter Cntrl Tech Code At Point/segment :	Not reported
% Control Of Particulate Matter Emissions :	Not reported
Particulate Matter Emission (?10microns) Tons/Year :	Not reported
Partclte Matter Emission (?10microns) Est Code :	Not reported
Pri Prtclte Matter (?10microns) Cntrl Tech Code At Pt/Seg :	Not reported
Sec Prtclte Matter (?10microns) Cntl Tech Code At Pt/Seg :	Not reported
% Cntrl Of Prtclte Matter (? 10microns) Emisns :	Not reported
Prtclte Matter (?2.5microns)emisins In Tons/Yr :	Not reported
Prtclte Matter Emisn (?2.5microns) Est Code :	Not reported
Pri Ptculate Matter (?2.5microns) Ctl Tech Code At Pt/Seg :	Not reported
Sec Prtclte Matter (?2.5microns) Ctl Tech Code At Pt/Seg :	Not reported
% Cntrl Of Particulate Matter (?2.5microns) Emissions :	Not reported
Sulfur Dioxide Emissions Tons/Year :	Not reported
Sulfur Dioxide Emission Estimation Code :	Not reported
Pri Sulfur Dioxide Cntrl Tech Code At Pt/Seg :	Not reported
Secondary Sulfur Dioxide Cntrl Tech Code At Pt/Seg :	Not reported
Percent Control Of Sulfur Dioxide Emissions :	Not reported
Nitrous Oxides Emissions In Tons/Yr :	Not reported
Nitrous Oxides Emission Estimation Code :	Not reported
Pri Nitrous Oxides Cntrl Tech Code At Point/Segment :	Not reported
Sec Nitrous Oxide Control Tech Code At Point Segment :	Not reported
Percent Control Of Nitrous Oxides Emissions :	Not reported
Desc Of Volatile Organic Compound Emitted :	Not reported
Volatile Organic Compound Emissions In Tons/Year :	Not reported
Voltl Organic Compound Emissions Est Code :	Not reported
Pri Voltl Organic Compound Cntl Tech Code At Pt/seg :	Not reported
Sec Voltle Organic Compound Cntl Tech Code At Pt/Seg :	Not reported
% Cntrl Of Volatile Organic Compound Emissions :	Not reported
Carbon Monoxide Emissions In Tons/Year :	Not reported
Carbon Monoxide Emission Est Code :	Not reported
Pri Carbon Monoxide Cntrl Tech Code At Pt/Seg :	Not reported
Sec Carbon Monoxide Cntrl Tech Code At Pt/Seg :	Not reported
% Cntrl Of Carbon Monoxide Emissions :	Not reported
Lead Emissions In Tons/Year :	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SAINT GOBAIN CONTAINERS LLC (Continued)

1000411057

Lead Emission Estimation Code : Not reported
PM10 Nonattainment Area : Not reported
Ozone Nonattainment Area : Not reported
CO Nonattainment Area : Not reported
UTM East : Not reported
UTM North : Not reported
UTM Zone : Not reported

BA264
WSW
1/2-1
3363 ft.

INCON PACKAGING
5801 E MARGINAL WAY S
SEATTLE, WA 98134

LUST U003027329
UST N/A

Site 6 of 9 in cluster BA

Relative:
Lower

LUST:

Actual:
9 ft.

Facility ID: 5333
Release ID: 1644
Release Status: Cleanup Started
Alternate Name: BALL INCON
Lat/Lon 47.551666 / 122.335274
Affected Media: Soil

Ecology Region: NWRO
Release Date: 12/15/89
Status Date: 12/15/89

Facility ID: 5333
Release ID: 1644
Release Status: Reported Cleaned Up
Alternate Name: BALL INCON
Lat/Lon 47.551666 / 122.335274
Affected Media: Soil

Ecology Region: NWRO
Release Date: 12/15/89
Status Date: 6/1/95

UST:

Facility ID: 5333
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 2
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 5333
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 6
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 5333
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 3
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

INCON PACKAGING (Continued)

U003027329

Facility ID: 5333
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 7
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 5333
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: 1
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 5333
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: 5
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 5333
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: 4
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

BA265
WSW
1/2-1
3363 ft.

BALL INCON INC
5801 E MARGINAL WAY S
SEATTLE, WA 98134

FTTS 1006428896
N/A

Site 7 of 9 in cluster BA

Relative:
Lower

FTTS:

Actual:
9 ft.

Case Number: Not reported
Docket Number: 1091-06-19-2615
Complaint Issued: 07/05/1991
Complaint Closed: 11/18/1991
Abatement Amount: 0
Proposed Penalty: 143000
Final Assessment: 121550
Final Order Date: 11/18/1991
Close Date: 11/18/1991
Violation: PCB, Failure to Maintain Records, PCB, Failure to Report, PCB, Label or Marking, PCB, Storage

FTTS Insp:

Region: 10
Inspected Date: 02/01/1991

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BALL INCON INC (Continued)

1006428896

Insp Number: 199102013124 1
 Violation occurred: Not reported
 Inspector: SMITH
 Investigation Type: Section 6 PCB Federal Conducted
 Facility Function: User
 Investig Reason: For Cause, Private Citizen/Press Complaint
 Legislation Code: TSCA

BA266
 WSW
 1/2-1
 3363 ft.

BALL-FOSTER GLASS CONTAINER CORP
5801 E MARGINAL WY S
SEATTLE, WA 98134

EMI S103531679
 N/A

Site 8 of 9 in cluster BA

Relative:
 Lower

Actual:
 9 ft.

WA AIR EMISSIONS:

Facility ID:	Not reported	Local ID:	Not reported
SO2 Chemical:	Not reported	NO2 Chemical:	Not reported
VOC Chemical:	Not reported	CO Chemical:	Not reported
PM10 Chemical:	Not reported	Year Of Info:	Not reported
Mailing Name:	BALL-INCON GLASS PACKAGING CORP 5801 EAST MARGINAL WAY WOUTH SEATTLE, 53		
Year Of Info:	Not reported	Point Desc:	Not reported
Mail Add Zip 2:	Not reported	Local Air Agency ID:	Not reported
Point Num:	Not reported	Source Number :	Not reported
Tot Suspended Particulate Tons/Yr:	Not reported	Plant Name :	Not reported
Ecolgy Facility ID :	Not reported	Contact Fax :	Not reported
Fed County Code :	Not reported		
Process ID :	Not reported		
Univsl Business ID:	Not reported		
Contact Name :			
Contact Phone :	Not reported		
Contact E-mail :	Not reported		
Plant SIC Code :	Not reported		
Plant Lat/Long :	Not reported		
Point Comments :	Not reported		
Boilers Design Capacity At A Point :	Not reported		
SIC Code For A Point Process:	Not reported		
Plant Lat/Long :	Not reported		
% Of Ops Occuring During Qtr Dec-Feb :		Not reported	
% Of Ops Occuring During Qtr Mar-May :		Not reported	
% Of Ops Occuring During Qtr Jun-Aug :		Not reported	
% Of Ops Occuring During Qtr Sep-Nov :		Not reported	
# Of Hours Facility Operates Each Day :		Not reported	
# Of Days Facility Operates Each Week :		Not reported	
# Of Weeks Facility Operates Each Year :		Not reported	
Exit Temp Of A Stack Or Vent :	Not reported		
% Wtr In Stack / Vent Exhaust :	Not reported		
Height Of Stack :	Not reported		
Diameter Of Stack :	Not reported		
Air Flow From A Vent Or Stack :	Not reported		
% Oxygen In Stack / Vent Exhaust :	Not reported		
Vertical Dist Exhaust Travels From Stack/vent Outlet :		Not reported	
Source Classifcn Code For Each Process In A Facility :		Not reported	
EPA Code For Throughput Unit Of Measure :		Not reported	
EPA Mat Code For Throughput At Each Process :		Not reported	
EPA Code For Mat Thrupt Fate Desc/input/output/existing :		Not reported	
Description Of Material :		Not reported	
Annual Qty Of Throughput Mat :		Not reported	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BALL-FOSTER GLASS CONTAINER CORP (Continued)

S103531679

Maximum Rate/amount Of Annual Throughput :	Not reported
Percent Of Sulfur In Fuels :	Not reported
Percent Of Ash In Fuels :	Not reported
SCC Process Description :	Not reported
Emission Unit Output Threshold :	Not reported
Facility's Throughput Data Confidential :	Not reported
Tot Suspended Particl Emissn Tons/Year :	Not reported
Pri Suspended Partclte Emissions Estmn Code :	Not reported
Pri Particulate Matter Cntrl Tech Code At Point/Segment :	Not reported
Sec Particulate Matter Cntrl Tech Code At Point/segment :	Not reported
% Control Of Particulate Matter Emissions :	Not reported
Particulate Matter Emission (?10microns) Tons/Year :	Not reported
Partclte Matter Emission (?10microns) Est Code :	Not reported
Pri Partclte Matter (?10microns) Cntrl Tech Code At Pt/Seg :	Not reported
Sec Partclte Matter (?10microns) Cntl Tech Code At Pt/Seg :	Not reported
% Cntrl Of Partclte Matter (? 10microns) Emisns :	Not reported
Partclte Matter (?2.5microns)emisns In Tons/Yr :	Not reported
Partclte Matter Emisn (?2.5microns) Est Code :	Not reported
Pri Partclate Matter (?2.5microns) Ctl Tech Code At Pt/Seg :	Not reported
Sec Partclte Matter (?2.5microns) Ctl Tech Code At Pt/Seg :	Not reported
% Cntrl Of Particulate Matter (?2.5microns) Emissions :	Not reported
Sulfur Dioxide Emissions Tons/Year :	Not reported
Sulfur Dioxide Emission Estimation Code :	Not reported
Pri Sulfur Dioxide Cntrl Tech Code At Pt/Seg :	Not reported
Secondary Sulfur Dioxide Cntrl Tech Code At Pt/Seg :	Not reported
Percent Control Of Sulfur Dioxide Emissions :	Not reported
Nitrous Oxides Emissions In Tons/Yr :	Not reported
Nitrous Oxides Emission Estimation Code :	Not reported
Pri Nitrous Oxides Cntrl Tech Code At Point/Segment :	Not reported
Sec Nitrous Oxide Control Tech Code At Point Segment :	Not reported
Percent Control Of Nitrous Oxides Emissions :	Not reported
Desc Of Volatile Organic Compound Emitted :	Not reported
Volatile Organic Compound Emissions In Tons/Year :	Not reported
Voltl Organic Compound Emissions Est Code :	Not reported
Pri Voltl Organic Compound Cntl Tech Code At Pt/seg :	Not reported
Sec Voltl Organic Compound Cntl Tech Code At Pt/Seg :	Not reported
% Cntrl Of Volatile Organic Compound Emissions :	Not reported
Carbon Monoxide Emissions In Tons/Year :	Not reported
Carbon Monoxide Emission Est Code :	Not reported
Pri Carbon Monoxide Cntrl Tech Code At Pt/Seg :	Not reported
Sec Carbon Monoxide Cntrl Tech Code At Pt/Seg :	Not reported
% Cntrl Of Carbon Monoxide Emissions :	Not reported
Lead Emissions In Tons/Year :	Not reported
Lead Emission Estimation Code :	Not reported
PM10 Nonattainment Area :	Not reported
Ozone Nonattainment Area :	Not reported
CO Nonattainment Area :	Not reported
UTM East :	Not reported
UTM North :	Not reported
UTM Zone :	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

BA267 **BALL INCON**
WSW **5801 E. MARGINAL WAY S.**
1/2-1 **SEATTLE, WA 98134**
3363 ft.

WA ICR **S104486065**
N/A

Site 9 of 9 in cluster BA

Relative:
Lower **WA ICR:**
 Date Ecology Received Report: / /
Actual: Contaminants Found at Site: Petroleum products
9 ft. Media Contaminated: Soil
 Cause of Contamination: Tank
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 91-23
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

AY268 **MILWAUKEE MOTOR TRANSPORTATION CO.**
West **53 S DAWSON**
1/2-1 **SEATTLE, WA 98134**
3371 ft.

UST **U003026902**
N/A

Site 5 of 5 in cluster AY

Relative:
Lower **UST:**
 Facility ID: 4258
Actual: Install Date: 12/31/1964 00:00:00
10 ft. Capacity: Not reported
 Status: Removed
 Tank Name: 1
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

BD269 **SEARS 8109**
NW **4798 1ST AVE S**
1/2-1 **SEATTLE, WA 98134**
3372 ft.

RCRIS-SQG **1004793755**
FINDS **WAD980987242**

Site 1 of 2 in cluster BD

Relative:
Lower **RCRIS:**
 Owner: SEARS ROEBUCK AND CO
 (360) 555-1212
Actual: EPA ID: WAD980987242
13 ft. Contact: KATHLEEN FLAHERTY
 (847) 286-7199
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

SEARS 8109 (Continued)

Database(s) EDR ID Number
 EPA ID Number

1004793755

BC270
 WSW
 1/2-1
 3373 ft.

CHEVRON 90636
5940 E MARGINAL WAY S
SEATTLE, WA 98134

RCRIS-SQG 1000434632
 FINDS WAD982654006

Site 2 of 4 in cluster BC

Relative:
 Lower

RCRIS:
 Owner: CHEVRON PRODUCTS CO
 (925) 842-5931
 EPA ID: WAD982654006
 Contact: SAMMY GHANTAS
 (206) 763-1567

Actual:
 9 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

BE271
 NNW
 1/2-1
 3379 ft.

A N R FREIGHT SYSTEM
4501 6TH AVE SO
SEATTLE, WA 98108

LUST U001124595
 UST N/A

Site 1 of 2 in cluster BE

Relative:
 Equal

LUST:
 Facility ID: 6624 Ecology Region: NWRO
 Release ID: 1890 Release Date: 08/17/90
 Release Status: Reported Cleaned Up Status Date: 3/15/01
 Alternate Name: A N R DISTRIBUTORS
 Lat/Lon 47.56282 / 122.327846
 Affected Media: Soil

Actual:
 18 ft.

UST:
 Facility ID: 6624
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 1
 Substance: USED OIL/WASTE OIL
 Compartment #: 1
 Ecology Region: North Western

BB272
 WSW
 1/2-1
 3379 ft.

LONGVIEW FIBRE COMPANY
5901 E MARGINAL WAY S
SEATTLE, WA 98134

LUST U003028114
 WA ICR N/A
 UST

Site 2 of 3 in cluster BB

Relative:
 Lower

LUST:
 Facility ID: 7348 Ecology Region: NWRO
 Release ID: 3449 Release Date: 01/01/88
 Release Status: Cleanup Started Status Date: 6/1/95

Actual:
 9 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

LONGVIEW FIBRE COMPANY (Continued)

U003028114

Alternate Name: LONGVIEW FIBRE COMPANY
Lat/Lon 47.54994 / 122.33542
Affected Media: Ground Water

Facility ID: 7348 Ecology Region: NWRO
Release ID: 3449 Release Date: 01/01/88
Release Status: Monitoring Status Date: 3/10/03
Alternate Name: LONGVIEW FIBRE COMPANY
Lat/Lon 47.54994 / 122.33542
Affected Media: Ground Water

Facility ID: 7348 Ecology Region: NWRO
Release ID: 3449 Release Date: 01/01/88
Release Status: Cleanup Started Status Date: 6/1/95
Alternate Name: LONGVIEW FIBRE COMPANY
Lat/Lon 47.54994 / 122.33542
Affected Media: Soil

Facility ID: 7348 Ecology Region: NWRO
Release ID: 3449 Release Date: 01/01/88
Release Status: Monitoring Status Date: 3/10/03
Alternate Name: LONGVIEW FIBRE COMPANY
Lat/Lon 47.54994 / 122.33542
Affected Media: Soil

WA ICR:

Date Ecology Received Report: 11/01/1996
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: 94-22
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

UST:

Facility ID: 7348
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 8785-01
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 7348
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 8785-00
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

LONGVIEW FIBRE COMPANY (Continued)

U003028114

Facility ID: 7348
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 to 1,100 Gallons
 Status: Removed
 Tank Name: 8785-02
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

BB273
 WSW
 1/2-1
 3379 ft.

LONGVIEW FIBRE CO
5901 E MARGINAL WY S
SEATTLE, WA 98134

RCRIS-SQG 1000237371
 CSCSL WAD009282161
 FINDS
 WA ICR

Site 3 of 3 in cluster BB

Relative:
 Lower

Actual:
 9 ft.

RCRIS:
 Owner: LONGVIEW FIBRE CO
 (360) 425-1550
 EPA ID: WAD009282161
 Contact: TOM CRAIG
 (206) 762-7170
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 National Compliance Database (NCDB)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 2226
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 32 59
 Longitude: 122 20 7
 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):
 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)
 Arsenic Code: Not reported
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Not reported
 Horizontal Collection Method: GPS (Code/Differential)
 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

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

LONGVIEW FIBRE CO (Continued)

1000237371

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

Facility ID: 2226

MTBE Code: Not reported

Responsible Unit: Northwest Region

Latitude: 47 32 59

Longitude: 122 20 7

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):

Affected Media: Ground 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)

Arsenic Code: Not reported

Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: GPS (Code/Differential)

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): 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

Facility ID: 2226

MTBE Code: Not reported

Responsible Unit: Northwest Region

Latitude: 47 32 59

Longitude: 122 20 7

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):

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

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

LONGVIEW FIBRE CO (Continued)

1000237371

petroleum contamination)

Arsenic Code:	Not reported	
Base/Neutral/Acid Organics:		Confirmed above MTCA cleanup levels
Halogenated Organic Compounds:		Not reported
Horizontal Collection Method:		GPS (Code/Differential)
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

Facility ID: 2226
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 32 59
 Longitude: 122 20 7
 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):
 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)

Arsenic Code:	Not reported	
Base/Neutral/Acid Organics:		Confirmed above MTCA cleanup levels
Halogenated Organic Compounds:		Not reported
Horizontal Collection Method:		GPS (Code/Differential)
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

WA ICR:

Date Ecology Received Report: 02/05/1996
 Contaminants Found at Site: Petroleum products

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	

LONGVIEW FIBRE CO (Continued)

1000237371

Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	94-24
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported

274	CONSOLIDATED FREIGHTWAYS		ERNS
SW	CONSOLIDATED FREIGHTWAYS		8872551
1/2-1	SEATTLE, WA		N/A
3383 ft.			

Relative:
Lower

Actual:
9 ft.

BE275	ANR FREIGHT SYSTEM INC SEATTLE		RCRIS-SQG
NNW	4501 6TH AVE S		1000114630
1/2-1	SEATTLE, WA 98124		FINDS WAD981760341
3387 ft.			

Site 2 of 2 in cluster BE

Relative:
Equal

Actual:
18 ft.

RCRIS:

Owner:	ANR FREIGHT SYSTEMS INC
	(360) 555-1212
EPA ID:	WAD981760341
Contact:	ROD MILLER
	(206) 763-8806
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

BD276	SEARS ROEBUCK & CO		UST
NW	4786 1ST AVE SOUTH		U001125167
1/2-1	SEATTLE, WA 98134		N/A
3397 ft.			

Site 2 of 2 in cluster BD

Relative:
Lower

Actual:
13 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SEARS ROEBUCK & CO (Continued)

U001125167

UST:
Facility ID: 7837
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

BC277 JAMES HARDIE GYPSUM
WSW 5931 E MARGINAL WAY SO
1/2-1 SEATTLE, WA 98134
3407 ft.

LUST 1000220991
SPILLS N/A
UST

Site 3 of 4 in cluster BC

Relative:
Lower

Actual:
9 ft.

LUST:
Facility ID: 7095 Ecology Region: NWRO
Release ID: 1903 Release Date: 01/11/91
Release Status: Cleanup Started Status Date: 6/1/95
Alternate Name: JAMES HARDIE GYPSUM
Lat/Lon 47.54928 / 122.33504
Affected Media: Soil

Facility ID: 7095 Ecology Region: NWRO
Release ID: 1903 Release Date: 01/11/91
Release Status: Reported Cleaned Up Status Date: 1/26/01
Alternate Name: JAMES HARDIE GYPSUM
Lat/Lon 47.54928 / 122.33504
Affected Media: Soil

WA SPILL:

Facility ID: 527278
Material Desc: PETROLEUM - LUBE OIL
Medium: SURFACE WATER-FRESH
Material Qty: 1
Material Units: CUP
Business Name: GENERAL STEAMSHIP (LOCAL AGENT)
IPRP Last Name: Not reported
Date Received: Not reported

UST:

Facility ID: 7095
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: CHANGE ROOM
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

JAMES HARDIE GYPSUM (Continued)

1000220991

Facility ID: 7095
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: GAS
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 7095
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: OFFICE
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 7095
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: DIESEL
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7095
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: PERLITE POPP
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 7095
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: BOILER ROOM
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

BC278
WSW
1/2-1
3407 ft.

JAMES HARDIE GYPSUM
5931 E. MARGINAL WAY S.
SEATTLE, WA 98134

WA ICR 1001819375
N/A

Site 4 of 4 in cluster BC

Relative:
Lower

Actual:
9 ft.

WA ICR:
Date Ecology Received Report: 07/24/1991
Contaminants Found at Site: Metals
Media Contaminated: Groundwater, Soil
Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

JAMES HARDIE GYPSUM (Continued)

1001819375

Site Register Issue: 92-05
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Date Ecology Received Report: 05/13/1991
 Contaminants Found at Site: Not reported
 Media Contaminated: Soil
 Cause of Contamination: Tank
 Region: North Western
 Type of Report Ecology Received: Final cleanup report
 Site Register Issue: 98-33
 County Code: 17.00000
 Contact: Not reported
 Report Title: Initial Investigation

BF279 **GLACIER NORTHWEST INC. EAST MARGINAL WAY PLANT**
WSW **5975 E. MARGINAL WAY S.**
1/2-1 **SEATTLE, WA 98134**
3420 ft.

TRIS **1005452423**
98134GLCRN59

Site 1 of 6 in cluster BF
 Relative:
 Lower

Actual:
 9 ft.

BF280 **GLACIER NORTHWEST EAST MARGINAL WAY**
WSW **5975 E MARGINAL WAY S**
1/2-1 **SEATTLE, WA 98134**
3420 ft.

RCRIS-SQG **1000198869**
FINDS **WAD980986061**

Site 2 of 6 in cluster BF
 Relative:
 Lower
 RCRIS:
 Owner: GLACIER NORTHWEST INC
 (206) 764-3000
 EPA ID: WAD980986061
 Contact: THOMAS HANSON
 (206) 768-7612

Actual:
 9 ft.
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Permit Compliance System (PCS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)
 Toxic Chemical Release Inventory System (TRIS)

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BG281
SSE
1/2-1
3422 ft.

JULIUS ROSSO WHOLESALE NURSERY CO.
6404 ELLIS AVE S
SEATTLE, WA 98108

Database(s) EDR ID Number
EPA ID Number

LUST U003027424
UST N/A

Site 1 of 2 in cluster BG

Relative:
Higher

LUST:

Actual:
20 ft.

Facility ID: 5609 Ecology Region: NWRO
Release ID: 490261 Release Date: 09/19/98
Release Status: Cleanup Started Status Date: 8/26/97
Alternate Name: RUSSO NURSERY
Lat/Lon 47.54519 / 122.319626
Affected Media: Soil

Facility ID: 5609 Ecology Region: NWRO
Release ID: 490261 Release Date: 09/19/98
Release Status: Reported Cleaned Up Status Date: 1/7/99
Alternate Name: RUSSO NURSERY
Lat/Lon 47.54519 / 122.319626
Affected Media: Soil

UST:

Facility ID: 5609
Install Date: 1/2/1982 00:00:00
Capacity: 111 TO 1,000 GALLONS
Status: Removed
Tank Name: 1
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

BG282
SSE
1/2-1
3422 ft.

RUSSO NURSERY
6404 ELLIS AVE. S.
SEATTLE, WA 98108

WA ICR S104485653
N/A

Site 2 of 2 in cluster BG

Relative:
Higher

WA ICR:

Actual:
20 ft.

Date Ecology Received Report: 01/07/1999
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: 98-17
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

283
SSW
1/2-1
3424 ft.

BUSINESS CARD EXPRESS
6510 5TH AVE S
SEATTLE, WA 98108

RCRIS-SQG 1000838832
FINDS WAD988516365

Relative:
Lower

Actual:
10 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BUSINESS CARD EXPRESS (Continued)

1000838832

RCRIS:

Owner: BUSINESS CARD EXPRESS
 (360) 555-1212
 EPA ID: WAD988516365
 Contact: PETER MURPHY
 (206) 767-0701

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

BF284
 SW
 1/2-1
 3449 ft.

**NORTHWEST ENVIROSERVICE 2W
 1ST AV SW / MARGINAL
 SEATTLE, WA 98108**

CSCSL S101703220
 N/A

Site 3 of 6 in cluster BF

Relative:
 Lower

Actual:
 9 ft.

SHWS:

Facility ID: 2537
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 32 8.5
 Longitude: 122 20 9
 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):
 Affected Media: Sediments
 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)
 Arsenic Code: Not reported
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
 Horizontal Collection Method: 4
 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: 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)

NORTHWEST ENVIROSERVICE 2W (Continued)

S101703220

Facility ID: 2537
MTBE Code: Not reported
Responsible Unit: Northwest Region
Latitude: 47 32 8.5
Longitude: 122 20 9
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):
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
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Suspected to be present
Horizontal Collection Method: 4
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

Facility ID: 2537
MTBE Code: Not reported
Responsible Unit: Northwest Region
Latitude: 47 32 8.5
Longitude: 122 20 9
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):
Affected Media: Soil
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
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Suspected to be present
Horizontal Collection Method: 4
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

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

NORTHWEST ENVIROSERVICE 2W (Continued)

S101703220

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

BH285
 NW
 1/2-1
 3464 ft.

METAL GOOD SERVICE CENTER
4755 1ST AVE. S.
SEATTLE, WA 98134

WA ICR S104488193
N/A

Site 1 of 4 in cluster BH

Relative:
 Lower

WA ICR:
 Date Ecology Received Report: 04/04/1996
 Contaminants Found at Site: Metals
 Petroleum products
 Media Contaminated: Soil
 Cause of Contamination: Unknown
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 94-24
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Actual:
 14 ft.

BH286
 NW
 1/2-1
 3464 ft.

4755 1ST AVE S
SEATTLE, WA 98134

SPILLS S104971625
VCP N/A

Site 2 of 4 in cluster BH

Relative:
 Lower

WA SPILL:
 Facility ID: 512724
 Material Desc: PETROLEUM - FUEL OIL
 Medium: SOIL
 Material Qty: Not reported
 Material Units: Not reported
 Business Name: FRED HUTCHINSON CANCER RESEARCH CENTER
 IPRP Last Name: Not reported
 Date Received: Not reported

Actual:
 14 ft.

VCP:

Facility ID : 78676691
 WARM BIN # : Not reported
 Ecology Status : Independent Remedial Action
 NFA Code : NFA after assessment, IRAP, or VCP

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

BH287 **METAL GOOD SERVICE CENTER (TWO REPORTS)**
NW **4755 1ST AVE. S.**
1/2-1 **SEATTLE, WA 98134**
3464 ft.

WA ICR **S104484857**
 N/A

Site 3 of 4 in cluster BH

Relative:
Lower

WA ICR:
 Date Ecology Received Report: 01/26/1998
 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: 95-17
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Actual:
14 ft.

BH288 **FRED HUTCHINSON CANCER RESEARCH CENTER**
NW **4755 1ST AVE S**
1/2-1 **SEATTLE, WA 98134**
3464 ft.

RCRIS-SQG **1000878543**
FINDS **WA0000085266**
CSCSL NFA

Site 4 of 4 in cluster BH

Relative:
Lower

RCRIS:
 Owner: VINCENT METAL GOODS DIV OF RIO ALGOM
 (206) 762-0600
 EPA ID: WA0000085266
 Contact: JIM JOHNSON
 (206) 762-0600

 Classification: Small Quantity Generator
 TSDF Activities: Not reported

 Violation Status: No violations found

Actual:
14 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

WA NFA:

Facility/Site Id : 78676691
 Ecology Status : Independent Remedial Action
 Independent Status Code : Final Independent RA Report received
 WARM Bin Number : Not reported
 NFA Code : NFA after Assesment IRAP or VCP
 NFA Date : 1/26/99 0:00
 Program Plan Code : 4
 NFA Desc : NFA after assessment, IRAP, or VCP

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BI289
North
1/2-1
3470 ft.

NORTHWEST FORKLIFT INC
4429 AIRPORT WAY S
SEATTLE, WA 98108

Database(s) EDR ID Number
EPA ID Number

UST 1000659329
N/A

Site 1 of 4 in cluster BI

Relative:
Higher

Actual:
28 ft.

UST:

Facility ID: 101537
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 4
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 101537
Install Date: 12/30/1961 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 101537
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 5
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 101537
Install Date: 12/30/1961 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 3
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 101537
Install Date: 12/30/1961 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 2
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

BF290
SW
1/2-1
3472 ft.

GLACIER NORTHWEST, INC.
5975 E MARGINAL WAY S
SEATTLE, WA 98134

LUST **U003026267**
UST **N/A**

Site 4 of 6 in cluster BF

Relative:
 Lower

Actual:
 9 ft.

LUST:
 Facility ID: 2211 Ecology Region: NWRO
 Release ID: 1365 Release Date: 06/01/89
 Release Status: Cleanup Started Status Date: 9/28/95
 Alternate Name: LONE STAR (CONCRETE) NW
 Lat/Lon 47.54853 / 122.33471
 Affected Media: Soil

Facility ID: 2211 Ecology Region: NWRO
 Release ID: 1365 Release Date: 06/01/89
 Release Status: Cleanup Started Status Date: 9/28/95
 Alternate Name: LONE STAR (CONCRETE) NW
 Lat/Lon 47.54853 / 122.33471
 Affected Media: Surface Water

UST:
 Facility ID: 2211
 Install Date: 4/1/1990 00:00:00
 Capacity: 10,000 TO 19,999 GALLONS
 Status: Operational
 Tank Name: 4
 Substance: DIESEL
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 2211
 Install Date: 4/1/1990 00:00:00
 Capacity: 5,000 TO 9,999 GALLONS
 Status: Operational
 Tank Name: 3
 Substance: UNLEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 2211
 Install Date: 4/1/1990 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 2
 Substance: DIESEL
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 2211
 Install Date: 8/1/1990 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 1
 Substance: UNLEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Database(s)
 EDR ID Number
 EPA ID Number

GLACIER NORTHWEST, INC. (Continued)

U003026267

BF291
SW
1/2-1
3472 ft.

5975 E MARGINAL WAY S
SEATTLE, WA

SPILLS **S105788753**
N/A

Site 5 of 6 in cluster BF

Relative:
Lower

WA SPILL:
 Facility ID: 532284
 Material Desc: PETROLEUM - DIESEL FUEL
 Medium: SOIL
 Material Qty: Not reported
 Material Units: Not reported
 Business Name: GLACIER NORTHWEST
 IPRP Last Name: Not reported
 Date Received: 03/05/2003

Actual:
9 ft.

BF292
SW
1/2-1
3472 ft.

5975 EAST MARGINAL WAY, SEATTLE ACCESS
SEATTLE, WA

SPILLS **S105388791**
N/A

Site 6 of 6 in cluster BF

Relative:
Lower

WA SPILL:
 Facility ID: 503503
 Material Desc: PETROLEUM - DIESEL FUEL
 Medium: SURFACE WATER-MARINE
 Material Qty: Not reported
 Material Units: Not reported
 Business Name: UNKNOWN
 IPRP Last Name: Not reported
 Date Received: Not reported

Actual:
9 ft.

BJ293
West
1/2-1
3507 ft.

5430 W. MARGINAL WAY S.W.
5430 W. MARGINAL WAY S.W.
SEATTLE, WA

ERNS **91227132**
N/A

Site 1 of 3 in cluster BJ

Relative:
Lower

Actual:
9 ft.

BI294
North
1/2-1
3516 ft.

PAUL D FIORITO
4413 AIRPORT WAY SOUTH
SEATTLE, WA 98108

UST **U001124497**
N/A

Site 2 of 4 in cluster BI

Relative:
Higher

Actual:
28 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PAUL D FIORITO (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001124497

UST:

Facility ID: 6394
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

BI295
North
1/2-1
3527 ft.

FIORITO PAUL
4429 AIRPORT WAY S W END
SEATTLE, WA 98134

RCRIS-SQG 1000706873
FINDS WAD988498689

Site 3 of 4 in cluster BI

Relative:
Higher

RCRIS:

Owner: FIORITO PAUL
(360) 555-1212
EPA ID: WAD988498689
Contact: WILLIAM KIDDER
(206) 296-9618

Actual:
28 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

BI296
North
1/2-1
3527 ft.

NORTHWEST FORKLIFT INC
4429 AIRPORT WAY S
SEATTLE, WA 98108

RCRIS-SQG 1001490698
FINDS WAD988489985

Site 4 of 4 in cluster BI

Relative:
Higher

RCRIS:

Owner: NORTHWEST FORKLIFT
(425) 204-5000
EPA ID: WAD988489985
Contact: RANDY GEHRKE
(425) 204-5000

Actual:
28 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EDR ID Number EPA ID Number

NORTHWEST FORKLIFT INC (Continued)

1001490698

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

297
SSW
1/2-1
3531 ft.

WESTERN WOOD PRODUCTS OF SEATTLE INC
 6520 5TH AVE S
 SEATTLE, WA 98108

RCRIS-SQG 1000403309
 FINDS WAD009259730

Relative:
Lower

RCRIS:
 Owner: WESTERN WOOD PRODUCTS OF SEATTLE
 (360) 555-1212
 EPA ID: WAD009259730
 Contact: WILLIAM MAYES
 (206) 767-4010

Actual:
10 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

BK298
SSW
1/2-1
3532 ft.

6505 5TH PLACE SOUTH
 SEATTLE, WA

SPILLS S105397259
 N/A

Site 1 of 2 in cluster BK

Relative:
Lower

WA SPILL:
 Facility ID: 518258
 Material Desc: PETROLEUM - DIESEL FUEL
 Medium: ROADWAY-PAVED
 Material Qty: Not reported
 Material Units: Not reported
 Business Name: TRANSPORTATION
 IPRP Last Name: Not reported
 Date Received: Not reported

Actual:
10 ft.

BJ299
West
1/2-1
3537 ft.

ARGO BLOWER & MFG CO INC
 5400 E MARGINAL WAY S
 SEATTLE, WA 98134

RCRIS-SQG 1004794127
 FINDS WAD988492120

Site 2 of 3 in cluster BJ

Relative:
Lower

Actual:
9 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

ARGO BLOWER & MFG CO INC (Continued)

1004794127

RCRIS:

Owner: ARGO BLOWER & MFG CO INC
 (206) 762-9336
 EPA ID: WAD988492120
 Contact: BOBBI KISSINGER
 (206) 762-9336
 Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

300
 West
 1/2-1
 3548 ft.

**UNITED MARINE SHIPBUILDING MARGINAL WAY
 5055 E MARGINAL WAY
 SEATTLE, WA 98108**

RCRIS-SQG 1000399539
 FINDS WAD982658163

Relative:
 Lower

RCRIS:

Owner: UNITED MARINE SHIPBUILDING
 (360) 555-1212
 EPA ID: WAD982658163
 Contact: GREGG BISHOP
 (206) 632-1441
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Actual:
 9 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

301
 WNW
 1/2-1
 3550 ft.

**NORTH COAST REFRIGERATION INC
 5047 COLORADO AVE S
 SEATTLE, WA 98134**

RCRIS-SQG 1000838335
 FINDS WAD988511085
 UST

Relative:
 Lower

RCRIS:

Owner: NORTH COAST REFRIGERATION INC
 (206) 762-7800
 EPA ID: WAD988511085
 Contact: BRUCE ANGEVINE
 (206) 762-7800
 Classification: Small Quantity Generator
 TSDF Activities: Not reported

Actual:
 9 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NORTH COAST REFRIGERATION INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000838335

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

UST:

Facility ID: 101495
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: 1
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

302
NNW
1/2-1
3553 ft.

RICCHIAZZI INDUSTRIAL BLDGS (EXEMPT)
4424 AND 4500 4TH AVE S
SEATTLE, WA 98105

UST U003528673
N/A

Relative:
Equal

UST:

Facility ID: 483629
Install Date: 1/1/1900 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: T2
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Actual:
18 ft.

Facility ID: 483629
Install Date: 1/1/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: T1
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

BL303
North
1/2-1
3556 ft.

4455 7TH AVE S
SEATTLE, WA

HMIRS 2002020552
N/A

Site 1 of 233 in cluster BL

Relative:
Higher

Actual:
20 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

BL304
 North 4455 7TH AVE S
 1/2-1 SEATTLE, WA
 3556 ft.
 Site 2 of 233 in cluster BL
 Relative:
 Higher
 Actual:
 20 ft.

HMIRS 2002050943
 N/A

BL305
 North 4455 7TH AVE S
 1/2-1 SEATTLE, WA
 3556 ft.
 Site 3 of 233 in cluster BL
 Relative:
 Higher
 Actual:
 20 ft.

HMIRS 2002030681
 N/A

BL306
 North 4455 7TH AVE S
 1/2-1 SEATTLE, WA
 3556 ft.
 Site 4 of 233 in cluster BL
 Relative:
 Higher
 Actual:
 20 ft.

HMIRS 2002030124
 N/A

BL307 UPS SEATTLE HUB
 North 4455 7TH AVE S THE HUB
 1/2-1 SEATTLE, WA 98108
 3556 ft.
 Site 5 of 233 in cluster BL
 Relative:
 Higher
 Actual:
 20 ft.

RCRIS:
 Owner: UNITED PARCEL SERVICE INC
 (206) 621-6233
 EPA ID: WAD053821997
 Contact: KEN TAYLOR
 (206) 621-6233
 Classification: Large Quantity Generator
 TSDF Activities: Not reported

FINDS 1000399519
 LUST WAD053821997
 WA ICR
 RCRIS-LQG
 UST

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number

EDR ID Number
EPA ID Number

UPS SEATTLE HUB (Continued)

1000399519

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

LUST:

Facility ID: 3687 Ecology Region: NWRO
Release ID: 1587 Release Date: 09/08/89
Release Status: Cleanup Started Status Date: 6/1/95
Alternate Name: UNITED PARCEL SERVICE MAIN
Lat/Lon 47.52065 / 122.32635
Affected Media: Ground Water

Facility ID: 3687 Ecology Region: NWRO
Release ID: 1587 Release Date: 09/08/89
Release Status: Reported Cleaned Up Status Date: 4/10/90
Alternate Name: UNITED PARCEL SERVICE MAIN
Lat/Lon 47.52065 / 122.32635
Affected Media: Ground Water

Facility ID: 3687 Ecology Region: NWRO
Release ID: 1587 Release Date: 09/08/89
Release Status: Cleanup Started Status Date: 6/1/95
Alternate Name: UNITED PARCEL SERVICE MAIN
Lat/Lon 47.52065 / 122.32635
Affected Media: Soil

Facility ID: 3687 Ecology Region: NWRO
Release ID: 1587 Release Date: 09/08/89
Release Status: Reported Cleaned Up Status Date: 4/10/90
Alternate Name: UNITED PARCEL SERVICE MAIN
Lat/Lon 47.52065 / 122.32635
Affected Media: Soil

WA ICR:

Date Ecology Received Report: 02/15/1995
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: 93-49
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 09/04/1996
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 94-38
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

UPS SEATTLE HUB (Continued)

1000399519

UST:

Facility ID: 3687
Install Date: 12/31/1964 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 6 WASTE
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 3687
Install Date: 11/1/1970 00:00:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Removed
Tank Name: 1 GAS
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3687
Install Date: 11/1/1970 00:00:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Removed
Tank Name: 2 GAS
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3687
Install Date: 1/1/1974 00:00:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Removed
Tank Name: 3 GAS
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 3687
Install Date: 11/1/1970 00:00:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Removed
Tank Name: 4 DIESEL
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 3687
Install Date: 1/1/1974 00:00:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Removed
Tank Name: 5 DIESEL
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

UPS SEATTLE HUB (Continued)

1000399519

Facility ID: 3687
 Install Date: 12/14/1994 00:00:00
 Capacity: 20,000 TO 29,999 GALLONS
 Status: Operational
 Tank Name: DESELSEA95-2
 Substance: DIESEL
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 3687
 Install Date: 12/14/1994 00:00:00
 Capacity: 10,000 TO 19,999 GALLONS
 Status: Operational
 Tank Name: UNLSEA95-1
 Substance: UNLEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

BL308
 North
 1/2-1
 3556 ft.

4455 7TH AVE S
 SEATTLE, WA

Site 6 of 233 in cluster BL

Relative:
 Higher

Actual:
 20 ft.

HMIRS 2002031229
 N/A

BL309
 North
 1/2-1
 3556 ft.

4455 7TH AVENUE S
 SEATTLE, WA

Site 7 of 233 in cluster BL

Relative:
 Higher

Actual:
 20 ft.

HMIRS 2002050679
 N/A

310
 NNW
 1/2-1
 3559 ft.

4455 6TH AVE S
 SEATTLE, WA

Relative:
 Equal

Actual:
 18 ft.

HMIRS 94030119
 N/A

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EPA ID Number	EDR ID Number
BL311	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS		2000111384 N/A
					Site 8 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
BL312	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS		2000034156 N/A
					Site 9 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
BL313	North	1/2-1	3561 ft.		4455 7TH AVE S. SEATTLE, WA	HMIRS		2000031511 N/A
					Site 10 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
BL314	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS		2000034157 N/A
					Site 11 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EPA ID Number	EDR ID Number
BL315	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 12 of 233 in cluster BL	HMIRS		95100133 N/A
				Relative: Higher				
				Actual: 20 ft.				
BL316	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA Site 13 of 233 in cluster BL	HMIRS		95100959 N/A
				Relative: Higher				
				Actual: 20 ft.				
BL317	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 14 of 233 in cluster BL	HMIRS		94060214 N/A
				Relative: Higher				
				Actual: 20 ft.				
BL318	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 15 of 233 in cluster BL	HMIRS		96090960 N/A
				Relative: Higher				
				Actual: 20 ft.				

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL319	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 16 of 233 in cluster BL	HMIRS	2000101395	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL320	North	1/2-1	3561 ft.		4455 7TH AVE S. SEATTLE, WA Site 17 of 233 in cluster BL	HMIRS	2000090282	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL321	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 18 of 233 in cluster BL	HMIRS	94060179	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL322	North	1/2-1	3561 ft.		4455 7TH AVE S. SEATTLE, WA Site 19 of 233 in cluster BL	HMIRS	2000031512	N/A
				Relative: Higher				
				Actual: 20 ft.				

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL323	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 20 of 233 in cluster BL	HMIRS	2000110433	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL324	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 21 of 233 in cluster BL	HMIRS	96110191	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL325	North	1/2-1	3561 ft.		4455 7TH AVENUE SOUTH SEATTLE, WA Site 22 of 233 in cluster BL	HMIRS	9998031006	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL326	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA Site 23 of 233 in cluster BL	HMIRS	9998030980	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL327	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA Site 24 of 233 in cluster BL	HMIRS	9998030983	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL328	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 25 of 233 in cluster BL	HMIRS	97050239	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL329	North	1/2-1	3561 ft.		4455 7TH AVENUE SOUTH SEATTLE, WA Site 26 of 233 in cluster BL	HMIRS	9998031007	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL330	North	1/2-1	3561 ft.		4455 7TH AVENUE SOUTH SEATTLE, WA Site 27 of 233 in cluster BL	HMIRS	9998031016	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL331	North	1/2-1	3561 ft.		4455 7TH AVE. SOUTH SEATTLE, WA	HMIRS	96100824	N/A
					Site 28 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
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BL332	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	94030138	N/A
					Site 29 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
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BL333	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	94040953	N/A
					Site 30 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
<hr/>								
BL334	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	94091186	N/A
					Site 31 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL335	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA	HMIRS	97040533	N/A
					Site 32 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
BL336	North	1/2-1	3561 ft.		4455 7TH AVE S. SEATTLE, WA	HMIRS	97120821	N/A
					Site 33 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
BL337	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	96041077	N/A
					Site 34 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
BL338	North	1/2-1	3561 ft.		4455 - 7TH AVE S SEATTLE, WA	HMIRS	9900004010	N/A
					Site 35 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL339	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 36 of 233 in cluster BL	HMIRS	9900004036	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL340	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 37 of 233 in cluster BL	HMIRS	9900003419	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL341	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 38 of 233 in cluster BL	HMIRS	9900000574	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL342	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA Site 39 of 233 in cluster BL	HMIRS	97100527	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL343	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA	HMIRS	97110355	N/A
					Site 40 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
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BL344	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	9900002337	N/A
					Site 41 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
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BL345	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA	HMIRS	97100520	N/A
					Site 42 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
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BL346	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	97090838	N/A
					Site 43 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL347	North	1/2-1	3561 ft.		4455 7TH AVENUE SOUTH SEATTLE, WA Site 44 of 233 in cluster BL	HMIRS	97020895	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL348	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 45 of 233 in cluster BL	HMIRS	9900002338	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL349	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 46 of 233 in cluster BL	HMIRS	9900016602	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL350	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 47 of 233 in cluster BL	HMIRS	96080187	N/A
				Relative: Higher				
				Actual: 20 ft.				

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL351	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	95020212	N/A
					Site 48 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
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BL352	North	1/2-1	3561 ft.		4455 7TH AVENUE SOUTH SEATTLE, WA	HMIRS	90080444	N/A
					Site 49 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
<hr/>								
BL353	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	94041274	N/A
					Site 50 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
<hr/>								
BL354	North	1/2-1	3561 ft.		4455 7TH AVE S. SEATTLE, WA	HMIRS	200112159	N/A
					Site 51 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL355	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 52 of 233 in cluster BL	HMIRS	97110792	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL356	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 53 of 233 in cluster BL	HMIRS	91050279	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL357	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 54 of 233 in cluster BL	HMIRS	97040961	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL358	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 55 of 233 in cluster BL	HMIRS	94020496	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL359	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	97060892	N/A
					Site 56 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
<hr/>								
BL360	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	94090390	N/A
					Site 57 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
<hr/>								
BL361	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA	HMIRS	96020511	N/A
					Site 58 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
<hr/>								
BL362	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA	HMIRS	96010637	N/A
					Site 59 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL363	North	1/2-1	3561 ft.		4455 7TH AVENUE SOUTH SEATTLE, WA Site 60 of 233 in cluster BL	HMIRS	96080034	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL364	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 61 of 233 in cluster BL	HMIRS	200112033	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL365	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 62 of 233 in cluster BL	HMIRS	95090614	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL366	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 63 of 233 in cluster BL	HMIRS	96041078	N/A
				Relative: Higher				
				Actual: 20 ft.				

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL367	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	20011129	N/A
					Site 64 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
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BL368	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	94090391	N/A
					Site 65 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
<hr/>								
BL369	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	98010169	N/A
					Site 66 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
<hr/>								
BL370	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	94041275	N/A
					Site 67 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL371	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 68 of 233 in cluster BL	HMIRS	97101518	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL372	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 69 of 233 in cluster BL	HMIRS	94090388	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL373	North	1/2-1	3561 ft.		4455 7 AVE SOUTH SEATTLE, WA Site 70 of 233 in cluster BL	HMIRS	95100794	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL374	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 71 of 233 in cluster BL	HMIRS	97020474	N/A
				Relative: Higher				
				Actual: 20 ft.				

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL375	North	1/2-1	3561 ft.		4455 7TH SO SEATTLE, WA Site 72 of 233 in cluster BL	HMIRS	91020439	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL376	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 73 of 233 in cluster BL	HMIRS	94060181	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL377	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 74 of 233 in cluster BL	HMIRS	92070767	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL378	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 75 of 233 in cluster BL	HMIRS	9999030001	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL379	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 76 of 233 in cluster BL	HMIRS	9999030832	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL380	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 77 of 233 in cluster BL	HMIRS	9999011010	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL381	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA Site 78 of 233 in cluster BL	HMIRS	9998040290	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL382	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 79 of 233 in cluster BL	HMIRS	9998040784	N/A
				Relative: Higher				
				Actual: 20 ft.				

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL383	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 80 of 233 in cluster BL	HMIRS	9999011023	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL384	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA Site 81 of 233 in cluster BL	HMIRS	9999011012	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL385	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 82 of 233 in cluster BL	HMIRS	9999050747	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL386	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 83 of 233 in cluster BL	HMIRS	9999030833	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL387	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 84 of 233 in cluster BL	HMIRS	9999040531	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL388	North	1/2-1	3561 ft.		4455 7TH AVENUE SO SEATTLE, WA Site 85 of 233 in cluster BL	HMIRS	9999011021	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL389	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 86 of 233 in cluster BL	HMIRS	9999050012	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL390	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 87 of 233 in cluster BL	HMIRS	9999050014	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL391	North	1/2-1	3561 ft.		4455 7TH AVE. S. SEATTLE, WA Site 88 of 233 in cluster BL	HMIRS	20018052	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL392	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 89 of 233 in cluster BL	HMIRS	20015832	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL393	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 90 of 233 in cluster BL	HMIRS	20016468	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL394	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 91 of 233 in cluster BL	HMIRS	94020149	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL395	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 92 of 233 in cluster BL	HMIRS	95100997	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL396	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 93 of 233 in cluster BL	HMIRS	94071043	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL397	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 94 of 233 in cluster BL	HMIRS	20017871	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL398	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 95 of 233 in cluster BL	HMIRS	96050734	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL399	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA	HMIRS	96021056	N/A
					Site 96 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
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BL400	North	1/2-1	3561 ft.		4455 7TH AVENUE SOUTH SEATTLE, WA	HMIRS	9998031020	N/A
					Site 97 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
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BL401	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA	HMIRS	9998040265	N/A
					Site 98 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
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BL402	North	1/2-1	3561 ft.		4455 7TH AVENUE SO SEATTLE, WA	HMIRS	9998031021	N/A
					Site 99 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL403	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA Site 100 of 233 in cluster BL	HMIRS	9998040263	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL404	North	1/2-1	3561 ft.		4455 - 7TH AVE S SEATTLE, WA Site 101 of 233 in cluster BL	HMIRS	9999041181	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL405	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 102 of 233 in cluster BL	HMIRS	9900004715	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL406	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA Site 103 of 233 in cluster BL	HMIRS	9900006577	N/A
				Relative: Higher				
				Actual: 20 ft.				

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL407	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 104 of 233 in cluster BL	HMIRS	9900013876	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL408	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 105 of 233 in cluster BL	HMIRS	9900007765	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL409	North	1/2-1	3561 ft.		4455 7TH AVE. S SEATTLE, WA Site 106 of 233 in cluster BL	HMIRS	9900009106	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL410	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA Site 107 of 233 in cluster BL	HMIRS	9900007764	N/A
				Relative: Higher				
				Actual: 20 ft.				

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL411	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 108 of 233 in cluster BL	HMIRS	9900016506	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL412	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 109 of 233 in cluster BL	HMIRS	9900004038	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL413	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 110 of 233 in cluster BL	HMIRS	9900000575	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL414	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 111 of 233 in cluster BL	HMIRS	9900001604	N/A
				Relative: Higher				
				Actual: 20 ft.				

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL415	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 112 of 233 in cluster BL	HMIRS	9900013875	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL416	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 113 of 233 in cluster BL	HMIRS	9900009109	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL417	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 114 of 233 in cluster BL	HMIRS	9900013461	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL418	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA Site 115 of 233 in cluster BL	HMIRS	9999010931	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL419	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 116 of 233 in cluster BL	HMIRS	20015544	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL420	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA Site 117 of 233 in cluster BL	HMIRS	20014970	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL421	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 118 of 233 in cluster BL	HMIRS	9999011008	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL422	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 119 of 233 in cluster BL	HMIRS	9998051453	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL423	North	1/2-1	3561 ft.		4455 7TH AVENUE S SEATTLE, WA	HMIRS	9998071519	N/A
					Site 120 of 233 in cluster BL			
				Relative:				
				Higher				
				Actual:				
				20 ft.				
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BL424	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	9998040785	N/A
					Site 121 of 233 in cluster BL			
				Relative:				
				Higher				
				Actual:				
				20 ft.				
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BL425	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	9999010935	N/A
					Site 122 of 233 in cluster BL			
				Relative:				
				Higher				
				Actual:				
				20 ft.				
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BL426	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA	HMIRS	9999010936	N/A
					Site 123 of 233 in cluster BL			
				Relative:				
				Higher				
				Actual:				
				20 ft.				

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL427	North	1/2-1	3561 ft.		4455 7TH AVE S. SEATTLE, WA Site 124 of 233 in cluster BL	HMIRS	9999010996	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL428	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 125 of 233 in cluster BL	HMIRS	9999010997	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL429	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 126 of 233 in cluster BL	HMIRS	9999010999	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL430	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 127 of 233 in cluster BL	HMIRS	9999011007	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EPA ID Number	EDR ID Number
BL431	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 128 of 233 in cluster BL	HMIRS		96050737 N/A
				Relative: Higher				
				Actual: 20 ft.				
BL432	North	1/2-1	3561 ft.		4455 7TH AVENUE SOUTH SEATTLE, WA Site 129 of 233 in cluster BL	HMIRS		92060047 N/A
				Relative: Higher				
				Actual: 20 ft.				
BL433	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA Site 130 of 233 in cluster BL	HMIRS		95120392 N/A
				Relative: Higher				
				Actual: 20 ft.				
BL434	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 131 of 233 in cluster BL	HMIRS		96010206 N/A
				Relative: Higher				
				Actual: 20 ft.				

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL435	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA Site 132 of 233 in cluster BL	HMIRS	97091049	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL436	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 133 of 233 in cluster BL	HMIRS	9509070116	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL437	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA Site 134 of 233 in cluster BL	HMIRS	97101281	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL438	North	1/2-1	3561 ft.		4455 7TH AVENUE SOUTH SEATTLE, WA Site 135 of 233 in cluster BL	HMIRS	96070950	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL439	North	1/2-1	3561 ft.		4455 7TH AVE S. SEATTLE, WA Site 136 of 233 in cluster BL	HMIRS	2000023320	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL440	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 137 of 233 in cluster BL	HMIRS	2000020076	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL441	North	1/2-1	3561 ft.		4455 7TH AVE S. SEATTLE, WA Site 138 of 233 in cluster BL	HMIRS	2000023319	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL442	North	1/2-1	3561 ft.		4455 7TH AVE. SOUTH SEATTLE, WA Site 139 of 233 in cluster BL	HMIRS	96100847	N/A
				Relative: Higher				
				Actual: 20 ft.				

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL443	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 140 of 233 in cluster BL	HMIRS	2000023695	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL444	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 141 of 233 in cluster BL	HMIRS	2000023696	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL445	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 142 of 233 in cluster BL	HMIRS	97040958	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL446	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 143 of 233 in cluster BL	HMIRS	97050847	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL447	North	1/2-1	3561 ft.		4455 7TH AVE. S SEATTLE, WA Site 144 of 233 in cluster BL	HMIRS	200115697	N/A
					Relative: Higher			
					Actual: 20 ft.			
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BL448	North	1/2-1	3561 ft.		4455 7TH AVE S. SEATTLE, WA Site 145 of 233 in cluster BL	HMIRS	200115559	N/A
					Relative: Higher			
					Actual: 20 ft.			
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BL449	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 146 of 233 in cluster BL	HMIRS	94071039	N/A
					Relative: Higher			
					Actual: 20 ft.			
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BL450	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 147 of 233 in cluster BL	HMIRS	96080188	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL451	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 148 of 233 in cluster BL	HMIRS	97040962	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL452	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 149 of 233 in cluster BL	HMIRS	200114062	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL453	North	1/2-1	3561 ft.		4455 7TH AVE S 98108 SEATTLE, WA Site 150 of 233 in cluster BL	HMIRS	94030137	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL454	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 151 of 233 in cluster BL	HMIRS	94030852	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL455	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	94051380	N/A
					Site 152 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
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BL456	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	94090298	N/A
					Site 153 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
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BL457	North	1/2-1	3561 ft.		4455 7TH AVE S. SEATTLE, WA	HMIRS	20013154	N/A
					Site 154 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
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BL458	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	200115929	N/A
					Site 155 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL459	North	1/2-1	3561 ft.		4455 7TH AVENUE SOUTH SEATTLE, WA	HMIRS	96080440	N/A
					Site 156 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
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BL460	North	1/2-1	3561 ft.		4455 7TH AVENUE SOUTH SEATTLE, WA	HMIRS	94020736	N/A
					Site 157 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
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BL461	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	94060178	N/A
					Site 158 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
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BL462	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	94060213	N/A
					Site 159 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL463	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 160 of 233 in cluster BL	HMIRS	97040313	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL464	North	1/2-1	3561 ft.		4455 7TH AVENUE S SEATTLE, WA Site 161 of 233 in cluster BL	HMIRS	96080011	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL465	North	1/2-1	3561 ft.		4455 7TH AVENUE SOUTH SEATTLE, WA Site 162 of 233 in cluster BL	HMIRS	96070736	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL466	North	1/2-1	3561 ft.		4455 7TH AVENUE SOUTH SEATTLE, WA Site 163 of 233 in cluster BL	HMIRS	96050477	N/A
				Relative: Higher				
				Actual: 20 ft.				

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL467	North	1/2-1	3561 ft.		4455 7TH AVENUE SOUTH SEATTLE, WA	HMIRS	96080032	N/A
					Site 164 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
BL468	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA	HMIRS	95101417	N/A
					Site 165 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
BL469	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	95060401	N/A
					Site 166 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
BL470	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	95090620	N/A
					Site 167 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL471	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 168 of 233 in cluster BL	HMIRS	94090280	N/A
					Relative: Higher			
					Actual: 20 ft.			
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BL472	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 169 of 233 in cluster BL	HMIRS	92090084	N/A
					Relative: Higher			
					Actual: 20 ft.			
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BL473	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 170 of 233 in cluster BL	HMIRS	2000028404	N/A
					Relative: Higher			
					Actual: 20 ft.			
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BL474	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 171 of 233 in cluster BL	HMIRS	2000023798	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL475	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 172 of 233 in cluster BL	HMIRS	2000028403	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL476	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 173 of 233 in cluster BL	HMIRS	2000023797	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL477	North	1/2-1	3561 ft.		4455 7TH AVE S. SEATTLE, WA Site 174 of 233 in cluster BL	HMIRS	2000030593	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL478	North	1/2-1	3561 ft.		4455 7TH AVE S. SEATTLE, WA Site 175 of 233 in cluster BL	HMIRS	2000030594	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL479	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 176 of 233 in cluster BL	HMIRS	2000020075	N/A
					Relative: Higher			
					Actual: 20 ft.			
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BL480	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 177 of 233 in cluster BL	HMIRS	94091179	N/A
					Relative: Higher			
					Actual: 20 ft.			
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BL481	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA Site 178 of 233 in cluster BL	HMIRS	94091180	N/A
					Relative: Higher			
					Actual: 20 ft.			
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BL482	North	1/2-1	3561 ft.		4455 7TH AVENUE SOUTH SEATTLE, WA Site 179 of 233 in cluster BL	HMIRS	96070737	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL483	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 180 of 233 in cluster BL	HMIRS	96070307	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL484	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 181 of 233 in cluster BL	HMIRS	96070327	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL485	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 182 of 233 in cluster BL	HMIRS	96041061	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL486	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 183 of 233 in cluster BL	HMIRS	200111125	N/A
				Relative: Higher				
				Actual: 20 ft.				

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL487	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 184 of 233 in cluster BL	HMIRS	96041064	N/A
					Relative: Higher			
					Actual: 20 ft.			
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BL488	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 185 of 233 in cluster BL	HMIRS	97090737	N/A
					Relative: Higher			
					Actual: 20 ft.			
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BL489	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA Site 186 of 233 in cluster BL	HMIRS	96110190	N/A
					Relative: Higher			
					Actual: 20 ft.			
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BL490	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 187 of 233 in cluster BL	HMIRS	97040440	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL491	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA	HMIRS	96041046	N/A
					Site 188 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
BL492	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA	HMIRS	98010218	N/A
					Site 189 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
BL493	North	1/2-1	3561 ft.		4455 7TH AVENUE S SEATTLE, WA	HMIRS	97080404	N/A
					Site 190 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
BL494	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	200113855	N/A
					Site 191 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL495	North	1/2-1	3561 ft.		4455 7TH AVENU SOUTH SEATTLE, WA	HMIRS	96070739	N/A
					Site 192 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
<hr/>								
BL496	North	1/2-1	3561 ft.		4455 7TH AV S SEATTLE SEATTLE, WA	HMIRS	94060177	N/A
					Site 193 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
<hr/>								
BL497	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA	HMIRS	97060107	N/A
					Site 194 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			
<hr/>								
BL498	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA	HMIRS	97071323	N/A
					Site 195 of 233 in cluster BL			
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL499	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 196 of 233 in cluster BL	HMIRS	94060247	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL500	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 197 of 233 in cluster BL	HMIRS	94071044	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL501	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 198 of 233 in cluster BL	HMIRS	94090282	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL502	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 199 of 233 in cluster BL	HMIRS	94090285	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL503	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 200 of 233 in cluster BL	HMIRS	95090618	N/A
					Relative: Higher			
					Actual: 20 ft.			
<hr/>								
BL504	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA Site 201 of 233 in cluster BL	HMIRS	95100795	N/A
					Relative: Higher			
					Actual: 20 ft.			
<hr/>								
BL505	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 202 of 233 in cluster BL	HMIRS	97050870	N/A
					Relative: Higher			
					Actual: 20 ft.			
<hr/>								
BL506	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE WA 981 SEATTLE, WA Site 203 of 233 in cluster BL	HMIRS	96050736	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

BL507

North 4455 7TH AVE S
 1/2-1 SEATTLE, WA
 3561 ft.

Relative:
 Higher

Actual:
 20 ft.

Site 204 of 233 in cluster BL

HMIRS 96070956
 N/A

BL508

North 4455 7TH AVENUE SOUTH
 1/2-1 SEATTLE, WA
 3561 ft.

Relative:
 Higher

Actual:
 20 ft.

Site 205 of 233 in cluster BL

HMIRS 96070724
 N/A

BL509

North 4455 7TH AVE S
 1/2-1 SEATTLE, WA
 3561 ft.

Relative:
 Higher

Actual:
 20 ft.

Site 206 of 233 in cluster BL

HMIRS 97060108
 N/A

BL510

North 4455 7TH AVE S
 1/2-1 SEATTLE, WA
 3561 ft.

Relative:
 Higher

Actual:
 20 ft.

Site 207 of 233 in cluster BL

HMIRS 200110410
 N/A

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

BL511
 North
 1/2-1
 3561 ft.

4455 7TH AVE SO
 SEATTLE, WA

Site 208 of 233 in cluster BL

Relative:
 Higher

Actual:
 20 ft.

HMIRS 96050472
 N/A

BL512
 North
 1/2-1
 3561 ft.

4455 7TH AVE SOUTH
 SEATTLE, WA

Site 209 of 233 in cluster BL

Relative:
 Higher

Actual:
 20 ft.

HMIRS 9999070698
 N/A

BL513
 North
 1/2-1
 3561 ft.

4455 7TH AVE S
 SEATTLE, WA

Site 210 of 233 in cluster BL

Relative:
 Higher

Actual:
 20 ft.

HMIRS 9999070699
 N/A

BL514
 North
 1/2-1
 3561 ft.

4455 7TH AVE S
 SEATTLE, WA

Site 211 of 233 in cluster BL

Relative:
 Higher

Actual:
 20 ft.

HMIRS 94090387
 N/A

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL515	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 212 of 233 in cluster BL	HMIRS	9999072124	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL516	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 213 of 233 in cluster BL	HMIRS	9999100280	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL517	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA Site 214 of 233 in cluster BL	HMIRS	9999061180	N/A
					Relative: Higher			
					Actual: 20 ft.			
BL518	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA Site 215 of 233 in cluster BL	HMIRS	20014969	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL519	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 216 of 233 in cluster BL	HMIRS	94090297	N/A
					Relative: Higher			
					Actual: 20 ft.			
<hr/>								
BL520	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 217 of 233 in cluster BL	HMIRS	97110356	N/A
					Relative: Higher			
					Actual: 20 ft.			
<hr/>								
BL521	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 218 of 233 in cluster BL	HMIRS	94051382	N/A
					Relative: Higher			
					Actual: 20 ft.			
<hr/>								
BL522	North	1/2-1	3561 ft.		4455 7TH AVE SOUTH SEATTLE, WA Site 219 of 233 in cluster BL	HMIRS	20014862	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL523	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 220 of 233 in cluster BL	HMIRS	94071036	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL524	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 221 of 233 in cluster BL	HMIRS	94071041	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL525	North	1/2-1	3561 ft.		4455 7TH AVE. S SEATTLE, WA Site 222 of 233 in cluster BL	HMIRS	9999072121	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL526	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 223 of 233 in cluster BL	HMIRS	94111092	N/A
				Relative: Higher				
				Actual: 20 ft.				

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL527	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 224 of 233 in cluster BL	HMIRS	95010958	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL528	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 225 of 233 in cluster BL	HMIRS	96080012	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL529	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 226 of 233 in cluster BL	HMIRS	20013429	N/A
				Relative: Higher				
				Actual: 20 ft.				
BL530	North	1/2-1	3561 ft.		4455 7TH AVENUE S SEATTLE, WA Site 227 of 233 in cluster BL	HMIRS	96080205	N/A
				Relative: Higher				
				Actual: 20 ft.				

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BL531	North	1/2-1	3561 ft.		4455 7TH AVE S SEATTLE, WA Site 228 of 233 in cluster BL	HMIRS	94090290	N/A
					Relative: Higher			
					Actual: 20 ft.			
<hr/>								
BL532	North	1/2-1	3561 ft.		4455 7TH AVENUE S SEATTLE, WA Site 229 of 233 in cluster BL	HMIRS	97080409	N/A
					Relative: Higher			
					Actual: 20 ft.			
<hr/>								
BL533	North	1/2-1	3561 ft.		4455 7TH AVE SO SEATTLE, WA Site 230 of 233 in cluster BL	HMIRS	97100521	N/A
					Relative: Higher			
					Actual: 20 ft.			
<hr/>								
BL534	North	1/2-1	3561 ft.		4455 7TH AVENUE S SEATTLE, WA Site 231 of 233 in cluster BL	HMIRS	96081047	N/A
					Relative: Higher			
					Actual: 20 ft.			

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

BL535
 North
 1/2-1
 3561 ft.

4455 7TH AVE SOUTH
 SEATTLE, WA

HMIRS 94100701
 N/A

Site 232 of 233 in cluster BL

Relative:
 Higher

Actual:
 20 ft.

BL536
 North
 1/2-1
 3561 ft.

4455 7TH AVENUE SOUTH
 SEATTLE, WA

HMIRS 96070735
 N/A

Site 233 of 233 in cluster BL

Relative:
 Higher

Actual:
 20 ft.

BM537
 WNW
 1/2-1
 3577 ft.

LIQUID CARBONIC CARBON DIOXIDE SEA
 5021 COLORADO AVE S
 SEATTLE, WA 98134

RCRIS-SQG 1000878653
 FINDS WA0000113753
 WA ICR
 CSCSL NFA

Site 1 of 2 in cluster BM

Relative:
 Lower

Actual:
 10 ft.

RCRIS:
 Owner: LIQUID CARBONIC CORP
 (206) 762-7777
 EPA ID: WA0000113753
 Contact: LLON JOHNSON
 (206) 762-7777
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

WA NFA:

Facility/Site Id : 8667316
 Ecology Status : Independent Remedial Action
 Independent Status Code : Final Independent RA Report received
 WARM Bin Number : Not reported
 NFA Code : Restrictive Covenant, Institutional Controls
 NFA Date : 5/29/97 0:00
 Program Plan Code : 3
 NFA Desc : Restrictive Covenant, Institutional Controls

WA ICR:

Date Ecology Received Report: 12/14/1993
 Contaminants Found at Site: Petroleum products

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LIQUID CARBONIC CARBON DIOXIDE SEA (Continued)

1000878653

Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-21
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 11/19/1997
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: 98-01
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 01/24/1997
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: 98-01
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 01/01/1997
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: 98-01
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 12/20/1996
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: 98-01
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 10/25/1996
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

LIQUID CARBONIC CARBON DIOXIDE SEA (Continued)

1000878653

Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-01
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 08/21/1996
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: 98-01
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 01/26/1996
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: 98-01
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 09/08/1995
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: 98-01
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 01/01/1994
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: 98-01
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 01/01/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

LIQUID CARBONIC CARBON DIOXIDE SEA (Continued)

1000878653

Site Register Issue: 98-01
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Date Ecology Received Report: 04/22/1998
 Contaminants Found at Site: Metals
 Petroleum products

Media Contaminated: Groundwater, Soil
 Cause of Contamination: Not reported
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 98-04
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Date Ecology Received Report: 02/18/1998
 Contaminants Found at Site: Metals
 Petroleum products

Media Contaminated: Groundwater, Soil
 Cause of Contamination: Not reported
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 98-04
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Date Ecology Received Report: 02/20/1999
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Soil
 Cause of Contamination: Not reported
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 98-13
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

BM538
 WNW
 1/2-1
 3577 ft.

LIQUID CARBONIC CARBON DIOXIDE CORP.
5021 COLORADO AVE SOUTH
SEATTLE, WA 98134

UST U003027986
 N/A

Site 2 of 2 in cluster BM

Relative:
 Lower

Actual:
 10 ft.

UST:
 Facility ID: 6997
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 5
 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

LIQUID CARBONIC CARBON DIOXIDE CORP. (Continued)

U003027986

Facility ID: 6997
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 1
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 6997
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 3
 Substance: HEATING FUEL
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 6997
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 4
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 6997
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 2
 Substance: HEATING FUEL
 Compartment #: 1
 Ecology Region: North Western

539
 SSE
 1/2-1
 3580 ft.

**GEORGETOWN STEAMPLANT (NOW A MUSEUM)
 1131 SOUTH ELIZABETH
 SEATTLE, WA 98108**

**LUST U003028654
 UST N/A**

**Relative:
 Higher**

LUST:

Facility ID: 8818 Ecology Region: NWRO
 Release ID: 1612 Release Date: 11/06/89
 Release Status: Cleanup Started Status Date: 6/1/95
 Alternate Name: SEATTLE CITY LIGHT GEORGETOWN STEAM
 Lat/Lon: 47.54444 / 122.319936
 Affected Media: Soil

**Actual:
 21 ft.**

Facility ID: 8818 Ecology Region: NWRO
 Release ID: 1612 Release Date: 11/06/89
 Release Status: Reported Cleaned Up Status Date: 4/27/00
 Alternate Name: SEATTLE CITY LIGHT GEORGETOWN STEAM
 Lat/Lon: 47.54444 / 122.319936
 Affected Media: Soil

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GEORGETOWN STEAMPLANT (NOW A MUSEUM) (Continued)

Database(s) EDR ID Number
EPA ID Number

U003028654

UST:

Facility ID: 8818
Install Date: 12/31/1964 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 4
Substance: UNKNOWN
Compartment #: 1
Ecology Region: North Western

Facility ID: 8818
Install Date: 12/31/1964 00:00:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Removed
Tank Name: 1
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8818
Install Date: 12/31/1964 00:00:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Removed
Tank Name: 2
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8818
Install Date: 12/31/1964 00:00:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Removed
Tank Name: 3
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

BN540 MARINE VACUUM SERVICE INC
SE 1516 S GRAHAM ST
1/2-1 SEATTLE, WA 98108
3588 ft.

RCRIS-SQG 1000256388
CSCSL WAD980974521
FINDS

Site 1 of 6 in cluster BN

Relative:
Higher

Actual:
45 ft.

RCRIS:
Owner: RODMAN CAMPBELL
(206) 762-0240
EPA ID: WAD980974521
Contact: TOM MYLER
(206) 762-0240
Classification: Small Quantity Generator
TSD Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MARINE VACUUM SERVICE INC (Continued)

1000256388

Violation Status: Violations exist

Regulation Violated: -240(6)
Area of Violation: GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined: 08/13/2002
Actual Date Achieved Compliance: 02/28/2003
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/24/2002
Penalty Type: Not reported

Regulation Violated: -250(1)
Area of Violation: GENERATOR-MANIFEST REQUIREMENTS
Date Violation Determined: 08/13/2002
Actual Date Achieved Compliance: 03/04/2003
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/24/2002
Penalty Type: Not reported

Regulation Violated: -070(3) / -170(1)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/13/2002
Actual Date Achieved Compliance: 03/25/2003
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/24/2002
Penalty Type: Not reported

Regulation Violated: -515(6) / 40 CFR 279.22(c)(1)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/13/2002
Actual Date Achieved Compliance: 02/21/2003
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/24/2002
Penalty Type: Not reported

Regulation Violated: -950(2)
Area of Violation: TSD-OTHER REQUIREMENTS
Date Violation Determined: 08/13/2002
Actual Date Achieved Compliance: 03/04/2003
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/24/2002
Penalty Type: Not reported

Regulation Violated: -240(8)
Area of Violation: Transporter-manifest/record keeping requirements
Date Violation Determined: 08/13/2002
Actual Date Achieved Compliance: 03/04/2003
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/24/2002
Penalty Type: Not reported

Regulation Violated: 145(3)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 11/23/1999
Actual Date Achieved Compliance: 08/13/2002
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/24/2000
Penalty Type: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MARINE VACUUM SERVICE INC (Continued)

1000256388

Regulation Violated: 200(1)(b)/630(7)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 11/23/1999
Actual Date Achieved Compliance: 08/13/2002
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/24/2000
Penalty Type: Not reported

Regulation Violated: 340(3)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 11/23/1999
Actual Date Achieved Compliance: 08/13/2002
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/24/2000
Penalty Type: Not reported

Regulation Violated: 200(1)(E)/320(1)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 11/23/1999
Actual Date Achieved Compliance: 08/13/2002
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/24/2000
Penalty Type: Not reported

Regulation Violated: 200(2)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 11/23/1999
Actual Date Achieved Compliance: 08/13/2002
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/24/2000
Penalty Type: Not reported

Regulation Violated: 170(1)(A)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 11/23/1999
Actual Date Achieved Compliance: 08/13/2002
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/24/2000
Penalty Type: Not reported

Regulation Violated: -330(2)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 01/31/1991
Actual Date Achieved Compliance: 08/09/1991
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 03/25/1991
Penalty Type: Not reported

Regulation Violated: -330(2)(C)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 01/31/1991
Actual Date Achieved Compliance: 08/21/1991
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 03/25/1991
Penalty Type: Not reported

Regulation Violated: -200(1)(D)

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MARINE VACUUM SERVICE INC (Continued)

1000256388

Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 01/31/1991
 Actual Date Achieved Compliance: 08/21/1991

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 03/25/1991
 Penalty Type: Not reported

Regulation Violated: -200(1)(A)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 01/31/1991
 Actual Date Achieved Compliance: 08/21/1991

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 03/25/1991
 Penalty Type: Not reported

Regulation Violated: -200(1)(B)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 01/31/1991
 Actual Date Achieved Compliance: 08/21/1991

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 03/25/1991
 Penalty Type: Not reported

There are 17 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-RECORDKEEPING REQUIREMENTS	20030228
	GENERATOR-MANIFEST REQUIREMENTS	20030304
	GENERATOR-GENERAL REQUIREMENTS	20030221
	GENERATOR-GENERAL REQUIREMENTS	20030325
	TSD-OTHER REQUIREMENTS	20030304
Compliance Evaluation Inspection	Transporter-manifest/record keeping requirements	20030304
	GENERATOR-GENERAL REQUIREMENTS	20020813
	GENERATOR-GENERAL REQUIREMENTS	20020813
	GENERATOR-GENERAL REQUIREMENTS	20020813
	GENERATOR-GENERAL REQUIREMENTS	20020813
	GENERATOR-GENERAL REQUIREMENTS	20020813
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19910809
	GENERATOR-GENERAL REQUIREMENTS	19910821
	GENERATOR-GENERAL REQUIREMENTS	19910821
	GENERATOR-GENERAL REQUIREMENTS	19910821
	GENERATOR-GENERAL REQUIREMENTS	19910821

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 2216
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 32 50.03
 Longitude: 122 18 43.63
 Ecology Site Status relative to the MTCA cleanup process:
 Remedial Action in progress

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

MARINE VACUUM SERVICE INC (Continued)

1000256388

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

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

Affected Media: Ground 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)

Arsenic Code: Not reported

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: 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

Facility ID: 2216

MTBE Code: Not reported

Responsible Unit: Northwest Region

Latitude: 47 32 50.03

Longitude: 122 18 43.63

Ecology Site Status relative to the MTCA cleanup process:

Remedial Action in progress

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

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

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)

Arsenic Code: Not reported

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: 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

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MARINE VACUUM SERVICE INC (Continued)

1000256388

Asbestos: Not reported
 Conventional Contaminants, Organic: Suspected to be present
 Conventional Contaminants, Inorganic: Not reported

Facility ID: 2216
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 32 50.03
 Longitude: 122 18 43.63
 Ecology Site Status relative to the MTCA cleanup process:
 Remedial Action in progress

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

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

Arsenic Code: Not reported
 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: 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: Suspected to be present
 Conventional Contaminants, Inorganic: Suspected to be present

Facility ID: 2216
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 32 50.03
 Longitude: 122 18 43.63
 Ecology Site Status relative to the MTCA cleanup process:
 Remedial Action in progress

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

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

Arsenic Code: Not reported
 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

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MARINE VACUUM SERVICE INC (Continued)

1000256388

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:	Suspected to be present
Conventional Contaminants, Inorganic:	Suspected to be present

541 CHEVRON 90636
 SW 5940 E MARGINAL WAY
 1/2-1 SEATTLE, WA 98134
 3602 ft.

LUST U003027225
 UST N/A

Relative:
 Lower

LUST:

Facility ID:	5061	Ecology Region:	NWRO
Release ID:	393280	Release Date:	11/09/93
Release Status:	Awaiting Cleanup	Status Date:	11/9/93
Alternate Name:	Not reported		
Lat/Lon	47.54931 / 122.33444		
Affected Media:	Soil		

Actual:
 11 ft.

UST:

Facility ID:	5061
Install Date:	2/20/1984 00:00:00
Capacity:	111 to 1,100 Gallons
Status:	Removed
Tank Name:	4
Substance:	Not reported
Compartment #:	1
Ecology Region:	North Western
Facility ID:	5061
Install Date:	2/20/1984 00:00:00
Capacity:	111 to 1,100 Gallons
Status:	Removed
Tank Name:	5
Substance:	USED OIL/WASTE OIL
Compartment #:	1
Ecology Region:	North Western
Facility ID:	5061
Install Date:	1/1/1984 00:00:00
Capacity:	5,000 TO 9,999 GALLONS
Status:	Operational
Tank Name:	2
Substance:	UNLEADED 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

CHEVRON 90636 (Continued)

U003027225

Facility ID: 5061
Install Date: 1/1/1984 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 3
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 5061
Install Date: 1/1/1984 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 1
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

542 RAY BURGESS CO
SW 6361 FIRST AVE S
1/2-1 SEATTLE, WA 98108
3604 ft.

UST U001128361
N/A

Relative: UST:
Lower Facility ID: 101434
Install Date: 12/31/1964 00:00:00
Actual: Capacity: Not reported
8 ft. Status: Closure in Process
Tank Name: 1-4000
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

BJ543 J. A. JACK & SONS, INC.
West 5427 OHIO AVE S
1/2-1 SEATTLE, WA 98108
3611 ft.

UST U003028343
N/A

Site 3 of 3 in cluster BJ
Relative: UST:
Lower Facility ID: 803
Actual: Install Date: 6/25/1981 00:00:00
9 ft. Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 1
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
544 West 1/2-1 3621 ft.	JACK, JA & SONS INC 5427 OHIO AVE SOUTH SEATTLE, WA 98134	FINDS	1005529198 110009766217
Relative: Lower	FINDS: Other Pertinent Environmental Activity Identified at Site: Facility Registry System (FRS) Permit Compliance System (PCS)		
Actual: 9 ft.			
BN545 SE 1/2-1 3629 ft.	6300 17TH AVE SOUTH 6300 17TH AVE SOUTH SEATTLE, WA	ERNS	90189768 N/A
Relative: Higher	Site 2 of 6 in cluster BN		
Actual: 44 ft.			
BN546 SE 1/2-1 3629 ft.	NORTH COAST CHEMICAL PLANT 6300 17TH AVENUE SOUTH SEATTLE, WA 98108	CSCSL LUST WA ICR	1000405661 N/A
Relative: Higher	Site 3 of 6 in cluster BN		
Actual: 44 ft.	SHWS: Facility ID: 2153 MTBE Code: Not reported Responsible Unit: Northwest Region Latitude: 47 32 51.36 Longitude: 122 18 44.46 Ecology Site Status relative to the MTCA cleanup process: Independent Remedial Action Independent Site Status - those sites undergoing an independent cleanup: Release report received, awaiting assessment by Potentially Liable Person (PLP) WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM): Affected Media: Ground 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) Arsenic Code: Not reported Base/Neutral/Acid Organics: Not reported Halogenated Organic Compounds: Confirmed above MTCA cleanup levels Horizontal Collection Method: Hand measured-paper map (map interpolation) 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: Suspected to be present Radioactive Wastes: Suspected to be present Asbestos: Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

NORTH COAST CHEMICAL PLANT (Continued)

1000405661

Conventional Contaminants, Organic: Not reported
 Conventional Contaminants, Inorganic: Suspected to be present

Facility ID: 2153
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 32 51.36
 Longitude: 122 18 44.46

Ecology Site Status relative to the MTCA cleanup process:
 Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
 Release report received, awaiting assessment by Potentially Liable Person (PLP)

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

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)

Arsenic Code: Not reported
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
 Horizontal Collection Method: Hand measured-paper map (map interpolation)
 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: Suspected to be present
 Radioactive Wastes: Suspected to be present
 Asbestos: Not reported
 Conventional Contaminants, Organic: Not reported
 Conventional Contaminants, Inorganic: Suspected to be present

Facility ID: 2153
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 32 51.36
 Longitude: 122 18 44.46

Ecology Site Status relative to the MTCA cleanup process:
 Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
 Release report received, awaiting assessment by Potentially Liable Person (PLP)

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

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)

Arsenic Code: Not reported
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Suspected to be present
 Horizontal Collection Method: Hand measured-paper map (map interpolation)
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
 Metals - Other non-priority pollutant medals: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

NORTH COAST CHEMICAL PLANT (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000405661

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:	Suspected to be present
Radioactive Wastes:	Suspected to be present
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Suspected to be present

LUST:

Facility ID:	200713	Ecology Region:	NWRO
Release ID:	2682	Release Date:	10/23/91
Release Status:	Cleanup Started	Status Date:	5/21/95
Alternate Name:	NORTH COAST CHEMICAL		
Lat/Lon	47.5476 / 122.31235		
Affected Media:	Ground Water		

Facility ID:	200713	Ecology Region:	NWRO
Release ID:	2682	Release Date:	10/23/91
Release Status:	Cleanup Started	Status Date:	5/21/95
Alternate Name:	NORTH COAST CHEMICAL		
Lat/Lon	47.5476 / 122.31235		
Affected Media:	Soil		

WA ICR:

Date Ecology Received Report:	11/20/1991
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:	92-12
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported

BN547
 SE
 1/2-1
 3629 ft.

NORTH COAST CHEMICAL CO. INC.
 6300 17TH AVE. S.
 SEATTLE, WA 98108

CERC-NFRAP 1003034945
 WAD009260969

Site 4 of 6 in cluster BN

Relative:
 Higher

Actual:
 44 ft.

CERCLIS-NFRAP Classification Data:		
Site Incident Category:	Not reported	Federal Facility: Not a Federal Facility
Non NPL Code:	NFRAP	
Ownership Status:	Other	NPL Status: Not on the NPL
CERCLIS-NFRAP Assessment History:		
Assessment:	DISCOVERY	Completed: 01/01/1983
Assessment:	PRELIMINARY ASSESSMENT	Completed: 09/26/1984
Assessment:	SITE INSPECTION	Completed: 10/26/1987
Assessment:	ARCHIVE SITE	Completed: 10/26/1987

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)
 EDR ID Number
 EPA ID Number

NORTH COAST CHEMICAL CO. INC. (Continued)

1003034945

BN548
SE
 1/2-1
 3629 ft.

NORTH COAST CHEMICAL CO INCORPORATED
6300 17TH AVE. S.
SEATTLE, WA 98108

FINDS 1004613358
 110002150234

Site 5 of 6 in cluster BN

Relative:
 Higher

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 National Compliance Database (NCDB)
 Toxic Chemical Release Inventory System (TRIS)

Actual:
 44 ft.

BN549
SE
 1/2-1
 3629 ft.

NORTH COAST CHEMICAL
6300 17TH AVE S
SEATTLE, WA 98108

UST 1003060713
 N/A

Site 6 of 6 in cluster BN

Relative:
 Higher

UST:
 Facility ID: 200713
 Install Date: 1/1/1900 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 1
 Substance: DIESEL
 Compartment #: 1
 Ecology Region: North Western

Actual:
 44 ft.

BK550
SSW
 1/2-1
 3639 ft.

RS HUGHES CO INC
6530 5TH PL S
SEATTLE, WA 98108

RCRIS-SQG 1004793912
FINDS WAD988469177

Site 2 of 2 in cluster BK

Relative:
 Lower

RCRIS:
 Owner: CO INC
 (818) 563-1122
 EPA ID: WAD988469177
 Contact: ROBERT BEESON
 (206) 767-4463
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Actual:
 10 ft.

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

551
 SSW
 1/2-1
 3654 ft.

6545 5TH AVE SO
 SEATTLE, WA

SPILLS S105390432
 N/A

Relative:
 Lower

WA SPILL:

Facility ID: 506550
 Material Desc: CHEMICAL
 Medium: UNKNOWN
 Material Qty: Not reported
 Material Units: Not reported
 Business Name: UNKNOWN
 IPRP Last Name: Not reported
 Date Received: Not reported

Actual:
 10 ft.

552
 SE
 1/2-1
 3677 ft.

AVIATION FUEL STORAGE
 1495 S HARDY ST
 SEATTLE, WA 98108

UST U003028459
 N/A

Relative:
 Higher

UST:

Facility ID: 8336
 Install Date: 3/1/1984 00:00:00
 Capacity: 20,000 TO 29,999 GALLONS
 Status: Operational
 Tank Name: 3
 Substance: AVIATION FUEL
 Compartment #: 1
 Ecology Region: North Western

Actual:
 28 ft.

Facility ID: 8336
 Install Date: 3/1/1984 00:00:00
 Capacity: 20,000 TO 29,999 GALLONS
 Status: Operational
 Tank Name: 10
 Substance: AVIATION FUEL
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 8336
 Install Date: 3/1/1984 00:00:00
 Capacity: 20,000 TO 29,999 GALLONS
 Status: Operational
 Tank Name: 7
 Substance: AVIATION FUEL
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 8336
 Install Date: 3/1/1984 00:00:00
 Capacity: 20,000 TO 29,999 GALLONS
 Status: Operational
 Tank Name: 1
 Substance: AVIATION 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

AVIATION FUEL STORAGE (Continued)

U003028459

Facility ID: 8336
Install Date: 3/1/1984 00:00:00
Capacity: 20,000 TO 29,999 GALLONS
Status: Operational
Tank Name: 9
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8336
Install Date: 3/1/1984 00:00:00
Capacity: 20,000 TO 29,999 GALLONS
Status: Operational
Tank Name: 5
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8336
Install Date: 3/1/1984 00:00:00
Capacity: 20,000 TO 29,999 GALLONS
Status: Operational
Tank Name: 4
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8336
Install Date: 3/1/1984 00:00:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 0
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8336
Install Date: 3/1/1984 00:00:00
Capacity: 20,000 TO 29,999 GALLONS
Status: Operational
Tank Name: 8
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8336
Install Date: 3/1/1984 00:00:00
Capacity: 20,000 TO 29,999 GALLONS
Status: Operational
Tank Name: 2
Substance: AVIATION 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

AVIATION FUEL STORAGE (Continued)

U003028459

Facility ID: 8336
 Install Date: 3/1/1984 00:00:00
 Capacity: 20,000 TO 29,999 GALLONS
 Status: Operational
 Tank Name: 6
 Substance: AVIATION FUEL
 Compartment #: 1
 Ecology Region: North Western

BO553
 SW
 1/2-1
 3676 ft.

CONSOLIDATED FREIGHTWAYS SEATTLE
 6050 E MARGINAL WAY S
 SEATTLE, WA 98108

RCRIS-SQG 1000383968
 CSCSL WAD041918897
 FINDS
 WA ICR
 UST
 VCP

Site 1 of 16 in cluster BO

Relative:
 Lower

Actual:
 12 ft.

RCRIS:

Owner: CONSOLIDATED FREIGHTWAYS
 (360) 448-4000
 EPA ID: WAD041918897
 Contact: ERNIE MOONEY
 (206) 763-1517

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated:	200(1)(c)(d)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	04/23/1996
Actual Date Achieved Compliance:	04/26/1996
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/23/1996
Penalty Type:	Not reported
Regulation Violated:	220
Area of Violation:	GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined:	04/23/1996
Actual Date Achieved Compliance:	05/18/1996
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/23/1996
Penalty Type:	Not reported

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

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19960426
	GENERATOR-RECORDKEEPING REQUIREMENTS	19960518

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 54757868
 MTBE Code: Not reported
 Responsible Unit: Northwest Region

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CONSOLIDATED FREIGHTWAYS SEATTLE (Continued)

1000383968

Latitude: 47 33 3.99
 Longitude: 122 20 12.57
 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):
 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)
 Arsenic Code: Not reported
 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

Facility ID: 54757868
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 33 3.99
 Longitude: 122 20 12.57
 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):
 Affected Media: Ground 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)
 Arsenic Code: Not reported
 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: Suspected to be present
 Dioxin: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CONSOLIDATED FREIGHTWAYS SEATTLE (Continued)

1000383968

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

WA ICR:

Date Ecology Received Report: 03/21/2000
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: 98-23
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 02/28/2000
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: 98-23
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 02/28/2000
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: 98-26
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 05/12/1997
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: 94-53
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 10/02/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

EDR ID Number
 EPA ID Number

CONSOLIDATED FREIGHTWAYS SEATTLE (Continued)

1000383968

Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 98-09
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

VCP:
 Facility ID : 54757868
 WARM BIN # : Not reported
 Ecology Status : Independent Remedial Action
 NFA Code : Not reported

UST:
 Facility ID: 11012
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Exempt
 Tank Name: HO-1
 Substance: HEATING FUEL
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 11012
 Install Date: 1/1/1981 00:00:00
 Capacity: 20,000 TO 29,999 GALLONS
 Status: Removed
 Tank Name: D-1
 Substance: DIESEL
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 11012
 Install Date: 1/1/1981 00:00:00
 Capacity: 20,000 TO 29,999 GALLONS
 Status: Removed
 Tank Name: D-2
 Substance: DIESEL
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 11012
 Install Date: 3/17/1998 00:00:00
 Capacity: 10,000 TO 19,999 GALLONS
 Status: Temporarily Closed
 Tank Name: D-3
 Substance: DIESEL
 Compartment #: 1
 Ecology Region: North Western

BP554 WA DOT STATE FERRIES AIRPORT
 SE 6301 AIRPORT WAY S
 1/2-1 SEATTLE, WA 98108
 3678 ft.

RCRIS-SQG 1000394501
 FINDS WAD982652265

Relative:
 Higher

Actual:
 32 ft.

Site 1 of 3 in cluster BP

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

WA DOT STATE FERRIES AIRPORT (Continued)

1000394501

RCRIS:

Owner: WA DOT
 (360) 555-1212
 EPA ID: WAD982652265
 Contact: MARGARET CURTIN
 (206) 464-7462
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

BO555
 SW
 1/2-1
 3678 ft.

6050 E MARGINAL WAY S
 SEATTLE, WA

HMIRS 91020600
 N/A

Site 2 of 16 in cluster BO

Relative:
 Lower

Actual:
 11 ft.

BO556
 SW
 1/2-1
 3678 ft.

6050 E MARGINAL WY SO
 SEATTLE, WA

HMIRS 90020214
 N/A

Site 3 of 16 in cluster BO

Relative:
 Lower

Actual:
 11 ft.

BO557
 SW
 1/2-1
 3678 ft.

6050 E MARGINAL WAY S
 SEATTLE, WA

HMIRS 92070143
 N/A

Site 4 of 16 in cluster BO

Relative:
 Lower

Actual:
 11 ft.

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BO558	SW	1/2-1	3678 ft.		6050 EAST MARGINAL WAY S 6050 EAST MARGINAL WAY S SEATTLE, WA	ERNS	91205441	N/A
					Site 5 of 16 in cluster BO			
					Relative: Lower			
					Actual: 11 ft.			
<hr/>								
BO559	SW	1/2-1	3678 ft.		6050 E MARGINAL WY S SEATTLE, WA	HMIRS	94101382	N/A
					Site 6 of 16 in cluster BO			
					Relative: Lower			
					Actual: 11 ft.			
<hr/>								
BO560	SW	1/2-1	3678 ft.		6050 E MARGINAL WAY SO SEATTLE, WA	HMIRS	90030663	N/A
					Site 7 of 16 in cluster BO			
					Relative: Lower			
					Actual: 11 ft.			
<hr/>								
BO561	SW	1/2-1	3678 ft.		6050 E MARGINAL WY S SEATTLE, WA	HMIRS	94081739	N/A
					Site 8 of 16 in cluster BO			
					Relative: Lower			
					Actual: 11 ft.			

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
BO562	SW	1/2-1	3678 ft.		6050 E MARGINAL WY S SEATTLE, WA Site 9 of 16 in cluster BO	HMIRS	95080360	N/A
					Relative: Lower			
					Actual: 11 ft.			
BO563	SW	1/2-1	3678 ft.		6050 E MARGINAL WY S SEATTLE, WA Site 10 of 16 in cluster BO	HMIRS	94040820	N/A
					Relative: Lower			
					Actual: 11 ft.			
BO564	SW	1/2-1	3678 ft.		6050 E MARGINAL WY S SEATTLE, WA Site 11 of 16 in cluster BO	HMIRS	92020333	N/A
					Relative: Lower			
					Actual: 11 ft.			
BO565	SW	1/2-1	3678 ft.		6050 E MARGINAL WY S SEATTLE, WA Site 12 of 16 in cluster BO	HMIRS	92020556	N/A
					Relative: Lower			
					Actual: 11 ft.			

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

BO566
 SW 6050 E MARGINAL WAY S
 1/2-1 SEATTLE, WA
 3678 ft.

HMIRS 92030613
 N/A

Site 13 of 16 in cluster BO

Relative:
 Lower

Actual:
 11 ft.

BO567 6050 E. MARGINAL WAY
 SW 6050 E. MARGINAL WAY
 1/2-1 SEATTLE, WA
 3678 ft.

ERNS 90157319
 N/A

Site 14 of 16 in cluster BO

Relative:
 Lower

Actual:
 11 ft.

BO568 6050 E MARGINAL WAY SO
 SW SEATTLE, WA
 1/2-1
 3678 ft.

HMIRS 90040759
 N/A

Site 15 of 16 in cluster BO

Relative:
 Lower

Actual:
 11 ft.

BO569 6050 E MARGINAL WY S
 SW SEATTLE, WA
 1/2-1
 3678 ft.

HMIRS 95080504
 N/A

Site 16 of 16 in cluster BO

Relative:
 Lower

Actual:
 11 ft.

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

Database(s) EDR ID Number
EPA ID Number

570 AR TORRICO SONS SHIPPING IN
SW 6335 1ST AVE S
1/2-1 SEATTLE, WA 98106
3685 ft.

RCRIS-SQG 1000134127
FINDS WAD980984207

Relative: RCRIS:
Lower Owner: AR TORRICO SONS SHIPPING IN
(360) 555-1212
Actual: EPA ID: WAD980984207
8 ft. Contact: KATHRYN MCPHERSON
(425) 771-2677
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

BP571 ZELLERBACH PAPER COMPANY
SE 6301 AIRPORT WAY SOUTH
1/2-1 SEATTLE, WA 98108
3700 ft.

LUST U000920569
UST N/A

Relative: LUST:
Higher Facility ID: 3761 Ecology Region: NWRO
Actual: Release ID: 2463 Release Date: 08/13/91
31 ft. Release Status: Cleanup Started Status Date: 6/1/95
Alternate Name: ZELLERBACH PAPER COMPANY
Lat/Lon 47.54751 / 122.315616
Affected Media: Soil

Facility ID: 3761 Ecology Region: NWRO
Release ID: 2463 Release Date: 08/13/91
Release Status: Reported Cleaned Up Status Date: 2/19/02
Alternate Name: ZELLERBACH PAPER COMPANY
Lat/Lon 47.54751 / 122.315616
Affected Media: Soil

UST:
Facility ID: 3761
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1
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

ZELLERBACH PAPER COMPANY (Continued)

U000920569

Facility ID: 3761
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 3
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 3761
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 to 1,100 Gallons
 Status: Removed
 Tank Name: 2
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

BP572 ZELLERBACK PAPER COMPANY
SE 6301 AIRPORT WAY S.
1/2-1 SEATTLE, WA 98108
3700 ft.

WA ICR S103511265
N/A

Site 3 of 3 in cluster BP

Relative:
Higher

Actual:
31 ft.

WA ICR:
 Date Ecology Received Report: 02/13/1992
 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: 92-39
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

BQ573 KING COUNTY AIRPORT
SSE 6518 ELLIS AVE
1/2-1 SEATTLE, WA 98108
3711 ft.

LUST U001125413
WA ICR N/A
UST

Site 1 of 5 in cluster BQ

Relative:
Higher

Actual:
20 ft.

LUST:
 Facility ID: 8341 Ecology Region: NWRO
 Release ID: 4136 Release Date: 12/15/92
 Release Status: Cleanup Started Status Date: 6/1/95
 Alternate Name: KING COUNTY AIRPORT MAINTENANCE
 Lat/Lon: 47.54447 / 122.31865
 Affected Media: Ground Water

Facility ID: 8341 Ecology Region: NWRO
 Release ID: 4136 Release Date: 12/15/92
 Release Status: Reported Cleaned Up Status Date: 9/1/98
 Alternate Name: KING COUNTY AIRPORT MAINTENANCE
 Lat/Lon: 47.54447 / 122.31865
 Affected Media: Ground Water

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

KING COUNTY AIRPORT (Continued)

U001125413

Facility ID: 8341 Ecology Region: NWRO
Release ID: 4136 Release Date: 12/15/92
Release Status: Cleanup Started Status Date: 6/1/95
Alternate Name: KING COUNTY AIRPORT MAINTENANCE
Lat/Lon 47.54447 / 122.31865
Affected Media: Soil

Facility ID: 8341 Ecology Region: NWRO
Release ID: 4136 Release Date: 12/15/92
Release Status: Reported Cleaned Up Status Date: 9/1/98
Alternate Name: KING COUNTY AIRPORT MAINTENANCE
Lat/Lon 47.54447 / 122.31865
Affected Media: Soil

WA ICR:

Date Ecology Received Report: 12/15/1992
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: 92-44
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 09/03/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 98-16
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

UST:

Facility ID: 8341
Install Date: 12/31/1964 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 4
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8341
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 5
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

KING COUNTY AIRPORT (Continued)

U001125413

Facility ID: 8341
Install Date: 10/1/1972 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 6
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8341
Install Date: 6/1/1972 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 2
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 8341
Install Date: 6/1/1972 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 1
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 8341
Install Date: 6/1/1972 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 3
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

BQ574
SSE
1/2-1
3711 ft.

KING CNTY AIRPORT MAINTENANCE
6518 ELLIS AVE S
SEATTLE, WA 98108

RCRIS-SQG 1000231750
FINDS WAD980986848
CSCSL NFA

Site 2 of 5 in cluster BQ

Relative:
Higher

Actual:
20 ft.

RCRIS:
Owner: KING CNTY MOTOR POOL
(206) 296-7380
EPA ID: WAD980986848
Contact: RICK RENAUD
(206) 296-7427
Classification: Small Quantity Generator
TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

KING CNTY AIRPORT MAINTENANCE (Continued)

1000231750

Violation Status: Violations exist

Regulation Violated: 070
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/07/1997
Actual Date Achieved Compliance: 01/26/1998
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/07/1997
Penalty Type: Not reported
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/04/1997
Penalty Type: Not reported
Regulation Violated: 141
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/07/1997
Actual Date Achieved Compliance: 08/08/1997
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/07/1997
Penalty Type: Not reported
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/04/1997
Penalty Type: Not reported
Regulation Violated: 200(1)(b)&ref 630
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/07/1997
Actual Date Achieved Compliance: 08/08/1997
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/07/1997
Penalty Type: Not reported
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/04/1997
Penalty Type: Not reported
Regulation Violated: 200(1)(c)(d)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/07/1997
Actual Date Achieved Compliance: 01/26/1998
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/07/1997
Penalty Type: Not reported
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/04/1997
Penalty Type: Not reported
Regulation Violated: 630(5)(a)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/07/1997
Actual Date Achieved Compliance: 08/08/1997
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/07/1997
Penalty Type: Not reported
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/04/1997

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

KING CNTY AIRPORT MAINTENANCE (Continued)

1000231750

Penalty Type: Not reported

Regulation Violated: 630(6)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 08/07/1997
 Actual Date Achieved Compliance: 08/11/1997

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 08/07/1997
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 12/04/1997
 Penalty Type: Not reported

Regulation Violated: 140(2)
 Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
 Date Violation Determined: 08/07/1997
 Actual Date Achieved Compliance: 01/29/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 12/04/1997
 Penalty Type: Not reported

Regulation Violated: 220
 Area of Violation: GENERATOR-RECORDKEEPING REQUIREMENTS
 Date Violation Determined: 08/07/1997
 Actual Date Achieved Compliance: 01/29/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 12/04/1997
 Penalty Type: Not reported

Regulation Violated: 330&350
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 08/07/1997
 Actual Date Achieved Compliance: 01/28/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 12/04/1997
 Penalty Type: Not reported

Regulation Violated: 340
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 08/07/1997
 Actual Date Achieved Compliance: 01/28/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 12/04/1997
 Penalty Type: Not reported

There are 10 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19980126
	GENERATOR-GENERAL REQUIREMENTS	19970808
	GENERATOR-GENERAL REQUIREMENTS	19970808
	GENERATOR-GENERAL REQUIREMENTS	19980126
	GENERATOR-GENERAL REQUIREMENTS	19970808
	GENERATOR-GENERAL REQUIREMENTS	19970811
Compliance Evaluation Inspection	GENERATOR-LAND BAN REQUIREMENTS	19980129
	GENERATOR-RECORDKEEPING REQUIREMENTS	19980129
	GENERATOR-GENERAL REQUIREMENTS	19980126
	GENERATOR-GENERAL REQUIREMENTS	19980126

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

KING CNTY AIRPORT MAINTENANCE (Continued)

1000231750

GENERATOR-GENERAL REQUIREMENTS	19970808
GENERATOR-GENERAL REQUIREMENTS	19970808
GENERATOR-GENERAL REQUIREMENTS	19980126
GENERATOR-GENERAL REQUIREMENTS	19970808
GENERATOR-GENERAL REQUIREMENTS	19970811
GENERATOR-LAND BAN REQUIREMENTS	19980129
GENERATOR-RECORDKEEPING REQUIREMENTS	19980129
GENERATOR-GENERAL REQUIREMENTS	19980128
GENERATOR-GENERAL REQUIREMENTS	19980128

FINDS:

Other Pertinent Environmental Activity Identified at Site:

- Biennial Reporting System (BRS)
- Facility Registry System (FRS)
- National Compliance Database (NCDB)
- Resource Conservation and Recovery Act Information system (RCRAINFO)

WA NFA:

Facility/Site Id : 2051
 Ecology Status : Awaiting Site Hazard Assessment
 Independent Status Code : Not reported
 WARM Bin Number : Not reported
 NFA Code : Cleanup under priority authority
 NFA Date : 12/20/89 0:00
 Program Plan Code : Not reported
 NFA Desc : Cleaned up under prior authority

BR575 UNITED WESTERN SUPPLY
West 5245 E MARGINAL WAY S
1/2-1 SEATTLE, WA 98134
3711 ft.

RCRIS-SQG 1005444993
FINDS WAH000011379

Relative:
Lower

Actual:
8 ft.

Site 1 of 6 in cluster BR

RCRIS:
 Owner: FAIRMOUNT MINERALS
 (440) 285-3132
 EPA ID: WAH000011379
 Contact: ROGER GOULD
 (206) 767-9800

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

- Facility Registry System (FRS)
- Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)
 EDR ID Number
 EPA ID Number

576 OLYMPIC MEDICAL CORP 7TH AVE
 North 4400 7TH AVE S
 1/2-1 SEATTLE, WA 98108
 3718 ft.

RCRIS-SQG 1000302378
 FINDS WAD009249327

Relative:
 Higher

RCRIS:
 Owner: OLYMPIC MEDICAL CORP
 (360) 555-1212

Actual:
 20 ft.

EPA ID: WAD009249327

Contact: DENNIS LYTLE
 (206) 763-3231

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

BQ577 A & T PUMP
 SSE 6525 ELLIS AVE S
 1/2-1 SEATTLE, WA 98108
 3720 ft.

UST U003749968
 N/A

Site 3 of 5 in cluster BQ

Relative:
 Higher

UST:
 Facility ID: 200154
 Install Date: 1/1/1900 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 1
 Substance: USED OIL/WASTE OIL
 Compartment #: 1
 Ecology Region: North Western

Actual:
 20 ft.

BQ578 A & T PUMP
 SSE 6525 ELLIS AVE S
 1/2-1 SEATTLE, WA 98108
 3720 ft.

LUST S101098322
 N/A

Site 4 of 5 in cluster BQ

Relative:
 Higher

LUST:
 Facility ID: 200154 Ecology Region: NWRO
 Release ID: 3805 Release Date: 08/21/92
 Release Status: Cleanup Started Status Date: 5/21/95
 Alternate Name: A & T PUMP
 Lat/Lon 47.54428 / 122.319926
 Affected Media: Soil

Actual:
 20 ft.

Facility ID: 200154 Ecology Region: NWRO
 Release ID: 3805 Release Date: 08/21/92
 Release Status: Reported Cleaned Up Status Date: 12/10/01
 Alternate Name: A & T PUMP
 Lat/Lon 47.54428 / 122.319926
 Affected Media: Soil

MAP FINDINGS

Map ID							
Direction							
Distance							
Distance (ft.)							
Elevation	Site				Database(s)	EDR ID Number	EPA ID Number

A & T PUMP (Continued)

S101098322

BQ579 SSE 1/2-1 3724 ft.	SEA A AFSS 6526 ELLIS AVE S SEATTLE, WA 98108	UST	U000598070 N/A
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Site 5 of 5 in cluster BQ

Relative: Higher	UST:	Facility ID: 101061
Actual: 20 ft.		Install Date: 1/1/1986 00:00:00 Capacity: 1,101 TO 2,000 GALLONS Status: Removed Tank Name: SEA-076 Substance: DIESEL Compartment #: 1 Ecology Region: North Western

BS580 South 1/2-1 3727 ft.	ARROW TRANSPORTATION 6655 CORSON AVE. S. SEATTLE, WA 98108	WA ICR	S104488458 N/A
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Site 1 of 4 in cluster BS

Relative: Lower	WA ICR:	Date Ecology Received Report: 10/18/1996
Actual: 16 ft.		Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil Cause of Contamination: Tank Region: North Western Type of Report Ecology Received: Final cleanup report Site Register Issue: 94-40 County Code: 17.00000 Contact: Not reported Report Title: Not reported

BS581 South 1/2-1 3727 ft.	BEN'S TRUCK PARTS 6655 CORSON AVENUE SOUTH SEATTLE, WA 98108	UST	U003795428 N/A
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Site 2 of 4 in cluster BS

Relative: Lower	UST:	Facility ID: 396593
Actual: 16 ft.		Install Date: 1/1/1900 00:00:00 Capacity: 111 TO 1,000 GALLONS Status: Removed Tank Name: 1 Substance: LEADED GASOLINE Compartment #: 1 Ecology Region: North Western

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)
 EDR ID Number
 EPA ID Number

BS582 **BENS TRUCK PARTS INC SEATTLE**
 South **6655 CORSON AVE S**
 1/2-1 **SEATTLE, WA 98108**
 3727 ft.

RCRIS-SQG **1000376196**
FINDS **WAD008958340**
CSCSL NFA

Site 3 of 4 in cluster BS

Relative:
 Lower

RCRIS:
 Owner: BENS TRUCK PARTS INC
 (360) 555-1212
 EPA ID: WAD008958340
 Contact: BRAD HAWTHORNE
 (206) 763-1500
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Actual:
 16 ft.

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

WA NFA:
 Facility/Site Id : 74169521
 Ecology Status : Independent Remedial Action
 Independent Status Code : Final Independent RA Report received
 WARM Bin Number : Not reported
 NFA Code : Restrictive Covenant, Institutional Controls
 NFA Date : 10/25/97 0:00
 Program Plan Code : 3
 NFA Desc : Restrictive Covenant, Institutional Controls

BS583
 South
 1/2-1
 3727 ft.

6655 CORSON AVE SOUTH
SEATTLE, WA

SPILLS **S105464951**
 N/A

Site 4 of 4 in cluster BS

Relative:
 Lower

WA SPILL:
 Facility ID: 526476
 Material Desc : PETROLEUM - WASTE/USED OIL
 Medium: CATCH BASIN
 Material Qty: 10
 Material Units: GALLON
 Business Name: WA DNR PROPERTY
 IPRP Last Name: Not reported
 Date Received: Not reported

Actual:
 16 ft.

BR584 **CADMAN SEATTLE INC**
 West **5225 E MARGINAL WAY S**
 1/2-1 **SEATTLE, WA 98134**
 3735 ft.

RCRIS-SQG **1004614080**
FINDS **WAD982651986**

Site 2 of 6 in cluster BR

Relative:
 Lower

Actual:
 8 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CADMAN SEATTLE INC (Continued)

1004614080

RCRIS:

Owner: CADMAN SEATTLE INC
 (425) 867-1234
 EPA ID: WAD982651986
 Contact: LANCE MORENO
 (425) 867-1234
 Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Permit Compliance System (PCS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

BT585
 SSW
 1/2-1
 3740 ft.

VIOX CORP
 6701 6TH AVE S
 SEATTLE, WA 98108

FINDS 1000438851
 RCRIS-LQG 98108VXCRP67
 TRIS
 CSCSL NFA
 VCP

Site 1 of 2 in cluster BT

Relative:
 Lower

RCRIS:

Owner: VIOX CORP
 (206) 763-2170
 EPA ID: WAD053814091
 Contact: BRENT BRANDVIG
 (206) 763-2170
 Classification: Large Quantity Generator
 TSDF Activities: Not reported

Actual:
 11 ft.

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1999

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D006	5270.00	D008	5270.00

Violation Status: Violations exist

Regulation Violated: -802 / -283
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 11/14/2000
 Actual Date Achieved Compliance: Not reported
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 12/06/2000
 Penalty Type: Not reported
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 03/11/2002
 Penalty Type: Not reported

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

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

VIOX CORP (Continued)

1000438851

FINDS:

- Other Pertinent Environmental Activity Identified at Site:
 - Biennial Reporting System (BRS)
 - Facility Registry System (FRS)
 - NEI
 - National Toxics Inventory (NTI)
 - Resource Conservation and Recovery Act Information system (RCRAINFO)
 - Toxic Chemical Release Inventory System (TRIS)

WA NFA:

Facility/Site Id : 3856995
 Ecology Status : Independent Remedial Action
 Independent Status Code : Not reported
 WARM Bin Number : Not reported
 NFA Code : NFA after Assesment IRAP or VCP
 NFA Date : 8/2/01 0:00
 Program Plan Code : 4
 NFA Desc : NFA after assessment, IRAP, or VCP

VCP:

Facility ID : 3856995
 WARM BIN # : Not reported
 Ecology Status : Independent Remedial Action
 NFA Code : NFA after assessment, IRAP, or VCP

BT586
 SSW
 1/2-1
 3740 ft.

VIOX CORPORATION
 6701 6TH AVE. S.
 SEATTLE, WA 98108

WA ICR 1005977718
 N/A

Site 2 of 2 in cluster BT

Relative:
 Lower

WA ICR:

Date Ecology Received Report: 12/03/1999
 Contaminants Found at Site: Metals
 Media Contaminated: Soil
 Cause of Contamination: Not reported
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 98-20
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Actual:
 11 ft.

BU587
 NNW
 1/2-1
 3740 ft.

RICCHIAZZI INDUSTRIAL BUILDINGS
 4424/4500 4TH AVE. S.
 SEATTLE, WA 98134

WA ICR S103505016
 N/A

Site 1 of 3 in cluster BU

Relative:
 Higher

WA ICR:

Date Ecology Received Report: 01/29/1999
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Groundwater, Soil
 Cause of Contamination: Not reported
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 98-12
 County Code: 17.00000
 Contact: Not reported

Actual:
 20 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RICCHIAZZI INDUSTRIAL BUILDINGS (Continued)

S103505016

Report Title: Not reported
 Date Ecology Received Report: 10/26/1998
 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: 98-15
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

BV588
 NW
 1/2-1
 3757 ft.

**PRO EXPRESS INC
 4800 DENVER AVE S
 SEATTLE, WA 98134**

RCRIS-SQG 1000838775
 FINDS WAD988515748

Site 1 of 3 in cluster BV

Relative:
 Lower

Actual:
 16 ft.

RCRIS:
 Owner: PRO EXPRESS INC
 (206) 768-1372
 EPA ID: WAD988515748
 Contact: JACK SEIMS
 (206) 768-1372
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

BR589
 West
 1/2-1
 3758 ft.

**MANSON CONSTRUCTION CO
 5209 E MARGINAL WAY S
 SEATTLE, WA 98134**

RCRIS-SQG 1000385113
 FINDS WAD007942824

Site 3 of 6 in cluster BR

Relative:
 Lower

Actual:
 8 ft.

RCRIS:
 Owner: MANSON CONSTRUCTION CO
 (206) 762-0850
 EPA ID: WAD007942824
 Contact: KATHLEEN BECKER
 (206) 762-0850
 Classification: Small Quantity Generator
 TSD Activities: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MANSON CONSTRUCTION CO (Continued)

1000385113

Violation Status: Violations exist

Regulation Violated: -200(1)(c)(d)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 06/06/2002
 Actual Date Achieved Compliance: 07/15/2002
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 06/21/2002
 Penalty Type: Not reported

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

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20020715

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

BR590 West 1/2-1 3758 ft.	5209 EAST MARGINAL WAY S MANSON YARD ONE 5209 EAST MARGINAL WAY S MANSON YARD ONE SEATTLE, WA 98124	ERNS 93311791 N/A
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Site 4 of 6 in cluster BR
 Relative:
 Lower

Actual:
 8 ft.

BR591 West 1/2-1 3758 ft.	5209 EAST MARGINAL WAY SOUTH 5209 EAST MARGINAL WAY SOUTH SEATTLE, WA 98124	ERNS 99632113 N/A
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Site 5 of 6 in cluster BR
 Relative:
 Lower

Actual:
 8 ft.

BW592 West 1/2-1 3768 ft.	LOOMIS FARGO & CO 5200 E MARGINAL WY S SEATTLE, WA 98134	RCRIS-SQG 1004795017 FINDS WAR000004580
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Site 1 of 6 in cluster BW
 Relative:
 Lower

Actual:
 8 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

LOOMIS FARGO & CO (Continued) 1004795017

RCRIS:
 Owner: LOOMIS FARGO & CO
 (206) 762-0770
 EPA ID: WAR000004580
 Contact: LEE BENHAM
 (206) 762-0770
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

BW593 LOOMIS ARMORED TRANSPORT WA ICR 1001820354
West 5200 E. MARGINAL WAY S. N/A
1/2-1 SEATTLE, WA 98134
3769 ft.

Site 2 of 6 in cluster BW

Relative: Lower
 Actual: 8 ft.
 WA ICR:
 Date Ecology Received Report: 02/12/1991
 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: 91-23
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

BW594 LOOMIS ARMORED INC LUST U000595982
West 5200 E MARGINAL WAY SO UST N/A
1/2-1 SEATTLE, WA 98134
3769 ft.

Site 3 of 6 in cluster BW

Relative: Lower
 Actual: 8 ft.
 LUST:
 Facility ID: 12101 Ecology Region: NWRO
 Release ID: 1979 Release Date: 01/03/90
 Release Status: Cleanup Started Status Date: 1/3/90
 Alternate Name: LOOMIS ARMORED TRANSPORT
 Lat/Lon 47.55582 / 122.33775
 Affected Media: Soil
 Facility ID: 12101 Ecology Region: NWRO
 Release ID: 1979 Release Date: 01/03/90
 Release Status: Reported Cleaned Up Status Date: 2/6/91
 Alternate Name: LOOMIS ARMORED TRANSPORT
 Lat/Lon 47.55582 / 122.33775
 Affected Media: Soil

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LOOMIS ARMORED INC (Continued)

Database(s) EDR ID Number
EPA ID Number

U000595982

UST:

Facility ID: 12101
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 2 DIESEL
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 12101
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1 GASOLINE
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

595 MASTERMARK
SSW 6550 4TH AVE S
1/2-1 SEATTLE, WA 98108
3772 ft.

RCRIS-SQG 1000402015
FINDS WAD050183037

Relative:
Lower

RCRIS:

Owner: MASTERMARK
(360) 555-1212
EPA ID: WAD050183037
Contact: BRENDAN STOWELL

Actual:
9 ft.

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

BV596 PRO EXPRESS GROUP INC (FRMRLY TERMINAL FREIGHT HAN
NW 4800 DENVER AVE S
1/2-1 SEATTLE, WA 98134
3774 ft.

LUST U003604530
UST N/A

Relative:
Lower

Site 2 of 3 in cluster BV

LUST:

Facility ID: 10657 Ecology Region: NWRO
Release ID: 2918 Release Date: 07/10/90
Release Status: Cleanup Started Status Date: 9/29/95
Alternate Name: PRO EXPRESS GROUP (AKA: ARCTIC OVERSEAS PKG, ALOHA CONSOL)
Lat/Lon 47.55971 / 122.33204
Affected Media: Soil

Actual:
16 ft.

Facility ID: 10657 Ecology Region: NWRO
Release ID: 2918 Release Date: 07/10/90
Release Status: Reported Cleaned Up Status Date: 5/14/97
Alternate Name: PRO EXPRESS GROUP (AKA: ARCTIC OVERSEAS PKG, ALOHA CONSOL)

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PRO EXPRESS GROUP INC (FRMRLY TERMINAL FREIGHT HAN (Continued)

U003604530

Lat/Lon 47.55971 / 122.33204
Affected Media: Soil

UST:

Facility ID: 10657
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 2
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 10657
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

BV597
NW
1/2-1
3774 ft.

UNION PACIFIC RAILROAD
4800 DENVER AVE. S.
SEATTLE, WA 98134

WA ICR S104488688
N/A

Site 3 of 3 in cluster BV

Relative:
Lower

Actual:
16 ft.

WA ICR:
Date Ecology Received Report: 05/14/1997
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: 94-54
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

BX598
SSW
1/2-1
3781 ft.

VIOX CORP.
601 SO RIVER SEATTLE
SEATTLE, WA 98108

UST U000586394
N/A

Site 1 of 2 in cluster BX

Relative:
Lower

Actual:
10 ft.

UST:
Facility ID: 852
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: 1
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

VIOX CORP. (Continued)

Database(s) EDR ID Number
EPA ID Number

U000586394

Facility ID: 852
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Closed in Place
Tank Name: 2
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

BR599
West
1/2-1
3785 ft.

CADMAN (SEATTLE), INC.
5225 E MARGINAL WAY S
SEATTLE, WA 98124

UST U003029191
N/A

Site 6 of 6 in cluster BR

Relative:
Lower

UST:
Facility ID: 97744
Install Date: 1/1/1987 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Operational
Tank Name: 1
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Actual:
8 ft.

BW600
West
1/2-1
3809 ft.

MANSON CONSTRUCTION & ENGINEERING CO
5209 E MARGINAL WAY S
SEATTLE, WA 98134

UST U003025427
N/A

Site 4 of 6 in cluster BW

Relative:
Lower

UST:
Facility ID: 10795
Install Date: 12/31/1964 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 1
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Actual:
8 ft.

BW601
West
1/2-1
3809 ft.

5209 E. MARGINAL WAY S
SEATTLE, WA

SPILLS S105398037
N/A

Site 5 of 6 in cluster BW

Relative:
Lower

WA SPILL:
Facility ID: 519648
Material Desc : PETROLEUM - HYDRAULIC OIL
Medium: SURFACE WATER-FRESH
Material Qty: 3
Material Units: GALLON
Business Name: CONSTRUCTION
IPRP Last Name: Not reported
Date Received: Not reported

Actual:
8 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S105398037

BW602
 West
 1/2-1
 3809 ft.

5209 E MARGINAL WAY S, SLIP 1
 SEATTLE, WA

SPILLS S105389760
 N/A

Site 6 of 6 in cluster BW

Relative:
 Lower

WA SPILL:

Facility ID: 505374
 Material Desc: PETROLEUM - HYDRAULIC OIL
 Medium: SURFACE WATER-FRESH
 Material Qty: 5
 Material Units: GALLON
 Business Name: CONSTRUCTION
 IPRP Last Name: Not reported
 Date Received: Not reported

Actual:
 8 ft.

603
 SW
 1/2-1
 3809 ft.

BURGESS ENTERPRISES
 6361 1ST AVE S
 SEATTLE, WA 98108

RCRIS-SQG 1000697132
 FINDS WAD988508305

Relative:
 Lower

RCRIS:

Owner: BURGESS ENTERPRISES
 (360) 555-1212
 EPA ID: WAD988508305
 Contact: EDWARD WORTH
 (206) 763-0255

Actual:
 13 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

BU604
 NNW
 1/2-1
 3816 ft.

TOTAL RECLAIM INC ECOLIGHTS NW
 4400 4TH AVE S
 SEATTLE, WA 98124

PADS 1001233955
 FINDS WAH000003582
 RCRIS-LQG

Site 2 of 3 in cluster BU

Relative:
 Higher

Actual:
 20 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number
EDR ID Number

TOTAL RECLAIM INC ECOLIGHTS NW (Continued)

1001233955

RCRIS:

Owner: ECOLIGHTS NORTHWEST
(888) 214-2327
EPA ID: WAH000003582
Contact: Not reported
Classification: Large Quantity Generator
TSDF Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1999

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D009	17616.00	F002	51230.19
F003	51230.19	F005	51230.19

Violation Status: Violations exist

Regulation Violated: -200(1)(b) / -630(3)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 07/20/2000
Actual Date Achieved Compliance: 09/22/2000

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/17/2000
Penalty Type: Not reported

Regulation Violated: -200(1)(b) / -630(5)(a)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 07/20/2000
Actual Date Achieved Compliance: 09/22/2000

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/17/2000
Penalty Type: Not reported

Regulation Violated: -200(1)(a)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 07/20/2000
Actual Date Achieved Compliance: 09/22/2000

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/17/2000
Penalty Type: Not reported

Regulation Violated: -240(6)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 07/20/2000
Actual Date Achieved Compliance: 09/22/2000

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/17/2000
Penalty Type: Not reported

Regulation Violated: -210(1)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 07/20/2000
Actual Date Achieved Compliance: 09/22/2000

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/17/2000
Penalty Type: Not reported

Regulation Violated: 200(1)(B)/630(5)(C)

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

TOTAL RECLAIM INC ECOLIGHTS NW (Continued)

1001233955

Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 01/14/2000
 Actual Date Achieved Compliance: 02/09/2000

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 01/31/2000
 Penalty Type: Not reported

Regulation Violated: 200(1)(B)/630(3)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 01/14/2000
 Actual Date Achieved Compliance: 02/09/2000

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 01/31/2000
 Penalty Type: Not reported

Regulation Violated: 330(1)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 01/14/2000
 Actual Date Achieved Compliance: 03/06/2000

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 01/31/2000
 Penalty Type: Not reported

Regulation Violated: 200(1)(C)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 01/04/2000
 Actual Date Achieved Compliance: 02/09/2000

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 01/31/2000
 Penalty Type: Not reported

There are 9 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20000922
	GENERATOR-GENERAL REQUIREMENTS	20000922
	GENERATOR-GENERAL REQUIREMENTS	20000922
	GENERATOR-GENERAL REQUIREMENTS	20000922
	GENERATOR-GENERAL REQUIREMENTS	20000922
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20000209
	GENERATOR-GENERAL REQUIREMENTS	20000209
	GENERATOR-GENERAL REQUIREMENTS	20000209
	GENERATOR-GENERAL REQUIREMENTS	20000306

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 National Compliance Database (NCDB)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			EDR ID Number
Elevation	Site	Database(s)	EPA ID Number

BU605 NNW 1/2-1 3816 ft.	COSTCO WHOLESALE 1 4401 4TH AVE S SEATTLE, WA 98134	RCRIS-SQG FINDS	1001031674 WAR000003830
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Site 3 of 3 in cluster BU

Relative: Higher

Actual: 20 ft.

RCRIS:

Owner: COSTCO WHOLESALE CORP
(425) 313-8100

EPA ID: WAR000003830

Contact: CAROLYN HAGEMEYER
(206) 622-3136

Classification: Conditionally Exempt Small Quantity Generator

TSDF Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1999

<u>Waste</u>	<u>Quantity (Lbs)</u>
D011	43019.18

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

- Biennial Reporting System (BRS)
- Facility Registry System (FRS)
- Resource Conservation and Recovery Act Information system (RCRAINFO)

606 WSW 1/2-1 3835 ft.	JAMES HARDY GYPSUM PIER 5931 E MARGINAL WAY SOUTH JAMES HARDY GYPSUM PIER 5931 E MARGINAL WAY SOUTH SEATTLE, WA	ERNS	93312185 N/A
--	--	-------------	-------------------------------

Relative: Lower

Actual: 16 ft.

BY607 SSW 1/2-1 3880 ft.	6305 E MARGINAL S 6305 E MARGINAL S SEATTLE, WA	ERNS	90179872 N/A
---	--	-------------	-------------------------------

Site 1 of 2 in cluster BY

Relative: Lower

Actual: 10 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

BX608 **VIOX MCDOWELL SITE**
SSW **551 S RIVER ST**
1/2-1 **SEATTLE, WA 98108**
3882 ft.

RCRIS-SQG **1001490918**
FINDS **WAD988513164**
CSCSL NFA
VCP

Site 2 of 2 in cluster BX

Relative:
 Lower

RCRIS:
 Owner: BURLINGTON ENVIRONMENTAL INC
 (360) 555-1212

Actual:
 10 ft.

EPA ID: WAD988513164
 Contact: PETER RESSLER
 (425) 227-7522

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

WA NFA:

Facility/Site Id : 2260
 Ecology Status : Independent Remedial Action
 Independent Status Code : Independant Site Assesment or Interim RA recvd
 WARM Bin Number : 5
 NFA Code : NFA after Assesment IRAP or VCP
 NFA Date : 5/8/02 0:00
 Program Plan Code : 4
 NFA Desc : NFA after assessment, IRAP, or VCP

VCP:

Facility ID : 2260
 WARM BIN # : 5
 Ecology Status : Independent Remedial Action
 NFA Code : NFA after assessment, IRAP, or VCP

609 **ALASKA ST RELOAD & RECYLING**
NW **70 S ALASKA ST**
1/2-1 **SEATTLE, WA 98134**
3882 ft.

RCRIS-SQG **1005906292**
FINDS **WAH000018796**

Relative:
 Lower

RCRIS:
 Owner: WASTE MANAGMENT
 (541) 454-2030

Actual:
 13 ft.

EPA ID: WAH000018796
 Contact: JOHN BORGHESE
 (206) 618-6503

Classification: Small Quantity Generator
 TSDF Activities: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

ALASKA ST RELOAD & RECYLING (Continued)

1005906292

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

BY610
 SSW
 1/2-1
 3895 ft.

LOCKWOOD MARINE INC
6502 E MARGINAL S
SEATTLE, WA 98108

RCRIS-SQG 1000273324
 FINDS WAD980975437

Site 2 of 2 in cluster BY

Relative:
 Lower

RCRIS:
 Owner: LOCKWOOD MARINE INC
 (360) 555-1212
 EPA ID: WAD980975437
 Contact: DAVID LOCKWOOD
 (206) 762-8119

Actual:
 10 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

611
 WNW
 1/2-1
 3905 ft.

GENERAL ELECTRIC CO SEATTLE H
37 S HUDSON ST
SEATTLE, WA 98134

RCRIS-SQG 1000214181
 FINDS WAD052576923

Relative:
 Lower

RCRIS:
 Owner: GENERAL ELECTRIC CO
 (360) 555-1212
 EPA ID: WAD052576923
 Contact: CHRISTOPHER ATKINSON
 (818) 509-5225

Actual:
 9 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

BZ612
 SW
 1/2-1
 3909 ft.

FRANK'S USED CARS
 6305 E. MARGINAL WAY S.
 SEATTLE, WA 98108

WA ICR S104486796
 N/A

Site 1 of 2 in cluster BZ

Relative:
 Lower

Actual:
 13 ft.

WA ICR:
 Date Ecology Received Report: 01/25/1993
 Contaminants Found at Site: Metals
 Petroleum products
 Media Contaminated: Soil
 Cause of Contamination: Not reported
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 92-42
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

BZ613
 SW
 1/2-1
 3909 ft.

FRANKS USED CARS
 6305 E MARGINAL WAY S
 SEATTLE, WA 98108

CSCSL S100079794
 N/A

Site 2 of 2 in cluster BZ

Relative:
 Lower

Actual:
 13 ft.

SHWS:
 Facility ID: 2337
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 32 42.58
 Longitude: 122 19 51.78
 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):
 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)
 Arsenic Code: Not reported
 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): Confirmed above MTCA cleanup levels
 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
 Facility ID: 2337

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FRANKS USED CARS (Continued)

S100079794

MTBE Code: Not reported
Responsible Unit: Northwest Region
Latitude: 47 32 42.58
Longitude: 122 19 51.78
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):
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)
Arsenic Code: Not reported
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: 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

Facility ID: 2337
MTBE Code: Not reported
Responsible Unit: Northwest Region
Latitude: 47 32 42.58
Longitude: 122 19 51.78
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):
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
Arsenic Code: Not reported
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

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FRANKS USED CARS (Continued)

S100079794

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

Facility ID: 2337
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 32 42.58
 Longitude: 122 19 51.78

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):

Affected Media: Sediments
 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

Arsenic Code:	Not reported
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

Facility ID: 2337
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 32 42.58
 Longitude: 122 19 51.78

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):

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

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

FRANKS USED CARS (Continued)

S100079794

present at the site

Arsenic Code:	Not reported
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

614
 NW
 1/2-1
 3927 ft.

MORTON INTERNATIONAL INC APL
4750 DENVER AVE S
SEATTLE, WA 98134

RCRIS-SQG 1001491172
FINDS WAH000007641

Relative:
 Lower

RCRIS:
 Owner: MORTON INTERNATIONAL INC APL
 (360) 555-1212
 EPA ID: WAH000007641
 Contact: PAUL MANDRA
 (312) 807-3248

Actual:
 15 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

CA615
 South
 1/2-1
 3948 ft.

NORTHWEST SERVICE INC
6715 CORSON AVENUE SOUTH
SEATTLE, WA 98108

UST U003028082
N/A

Relative:
 Lower

Site 1 of 4 in cluster CA

Actual:
 16 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

NORTHWEST SERVICE INC (Continued)

U003028082

UST:
 Facility ID: 7256
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 1
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

CB616
 SSE
 1/2-1
 3952 ft.

FAMCO TRANSPORT INC
6640 ELLIS AVE S
SEATTLE, WA 98108

RCRIS-SQG 1000178163
 FINDS WAD055487557

Site 1 of 3 in cluster CB

Relative:
 Higher

Actual:
 20 ft.

RCRIS:
 Owner: FAMCO TRANSPORT INC
 (360) 555-1212
 EPA ID: WAD055487557
 Contact: WALLACE JACKSON
 (206) 762-2373

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 070(3)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 05/19/1994
 Actual Date Achieved Compliance: 06/17/1994
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/11/1994
 Penalty Type: Not reported

Regulation Violated: 200(1)(a)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 05/19/1994
 Actual Date Achieved Compliance: 06/17/1994
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/11/1994
 Penalty Type: Not reported

Regulation Violated: 200(1)(c)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 05/19/1994
 Actual Date Achieved Compliance: 06/17/1994
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/11/1994
 Penalty Type: Not reported

Regulation Violated: 200(1)(d)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 05/19/1994
 Actual Date Achieved Compliance: 06/17/1994
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/11/1994
 Penalty Type: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FAMCO TRANSPORT INC (Continued)

1000178163

Regulation Violated: 200(1)(b)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 05/19/1994
 Actual Date Achieved Compliance: 06/17/1994
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/11/1994
 Penalty Type: Not reported
 Regulation Violated: 310
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 05/19/1994
 Actual Date Achieved Compliance: 06/17/1994
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/11/1994
 Penalty Type: Not reported

There are 6 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19940617
	GENERATOR-GENERAL REQUIREMENTS	19940617
	GENERATOR-GENERAL REQUIREMENTS	19940617
	GENERATOR-GENERAL REQUIREMENTS	19940617
	GENERATOR-GENERAL REQUIREMENTS	19940617
	GENERATOR-GENERAL REQUIREMENTS	19940617

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

CC617
 North
 1/2-1
 3968 ft.

AUTO CHLOR SYSTEM OF SEATTLE
4315 SEVENTH AVE S
SEATTLE, WA 98108

FINDS 1004613591
SSTS 110011628845
FTTS

Site 1 of 2 in cluster CC

Relative:
 Higher

FTTS Insp: 10
 Region: 10
 Inspected Date: 03/04/1994
 Insp Number: 199403042172 1
 Violation occurred: Not reported
 Inspector: PETERSEN
 Investigation Type: General Product Review
 Facility Function: Producer
 Investig Reason: Neutral Scheme, Region
 Legislation Code: FIFRA

Actual:
 20 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 National Compliance Database (NCDB)

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AUTO CHLOR SYSTEM OF SEATTLE (Continued)

1004613591

SSTS:

Product: AUTO-CHLOR SOL-SAN
Status: Not reported
Registration #: 006243WA 001
Report Year: 1999
Permit: Registered
Product #: 00624300004
Product Type: Repackaged or relabeled
Product Class: Disinfectant, germicide, sanitizer
Product Use: All other products
Market: Marketed in the United States

Product: AUTO-CHLOR SOL-QA
Status: Not reported
Registration #: 006243WA 001
Report Year: 1999
Permit: Registered
Product #: 00624300001
Product Type: End-use blend, formulation, or concentrate
Product Class: Disinfectant, germicide, sanitizer
Product Use: All other products
Market: Marketed in the United States

Product: AUTO-CHLOR DS-33
Status: Not reported
Registration #: 006243WA 001
Report Year: 1999
Permit: Registered
Product #: 00624300003
Product Type: End-use blend, formulation, or concentrate
Product Class: Disinfectant, germicide, sanitizer
Product Use: All other products
Market: Marketed in the United States

Product: AUTO-CHLOR SUPER 8
Status: Not reported
Registration #: 006243WA 001
Report Year: 1999
Permit: Registered
Product #: 00624300007
Product Type: End-use blend, formulation, or concentrate
Product Class: Disinfectant, germicide, sanitizer
Product Use: All other products
Market: Marketed in the United States

Product: AUTO-CHLOR SOL-QA
Status: Active
Registration #: 006243WA 001
Report Year: Not reported
Permit: Registered
Product #: 00624300001
Product Type: End-use blend, formulation, or concentrate
Product Class: Disinfectant, germicide, sanitizer
Product Use: All other products
Market: Marketed in the United States

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AUTO CHLOR SYSTEM OF SEATTLE (Continued)

1004613591

Product: AUTO-CHLOR DS-33
Status: Active
Registration #: 006243WA 001
Report Year: Not reported
Permit: Registered
Product #: 00624300003
Product Type: End-use blend, formulation, or concentrate
Product Class: Disinfectant, germicide, sanitizer
Product Use: All other products
Market: Marketed in the United States

Product: AUTO-CHLOR SOL-SAN
Status: Active
Registration #: 006243WA 001
Report Year: Not reported
Permit: Registered
Product #: 00624300004
Product Type: End-use blend, formulation, or concentrate
Product Class: Disinfectant, germicide, sanitizer
Product Use: All other products
Market: Marketed in the United States

Product: AUTO-CHLOR SUPER 8
Status: Active
Registration #: 006243WA 001
Report Year: Not reported
Permit: Registered
Product #: 00624300007
Product Type: End-use blend, formulation, or concentrate
Product Class: Disinfectant, germicide, sanitizer
Product Use: All other products
Market: Marketed in the United States

Product: AUTO-CHLOR SOL-QA
Status: Active
Registration #: 006243WA 001
Report Year: 1997
Permit: Registered
Product #: 00624300001
Product Type: End-use blend, formulation, or concentrate
Product Class: 20
Product Use: 9
Market: Marketed in the United States

Product: AUTO-CHLOR DS-33
Status: Active
Registration #: 006243WA 001
Report Year: 1997
Permit: Registered
Product #: 00624300003
Product Type: End-use blend, formulation, or concentrate
Product Class: 20
Product Use: 9
Market: Marketed in the United States

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

AUTO CHLOR SYSTEM OF SEATTLE (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1004613591

The SSTS database contains 6 additional records for this site.
 Please click [here](#) or contact your EDR Account Executive for more information.

CC618
 North
 1/2-1
 3970 ft.

AUTO-CHLOR SYSTEM OF SEATTLE
 4315 7TH AVENUE SOUTH
 SEATTLE, WA 98108

SSTS 1005910205
 N/A

Site 2 of 2 in cluster CC

Relative:
 Higher

Actual:
 20 ft.

CB619
 SSE
 1/2-1
 3985 ft.

WA GA SEATTLE MOTOR POOL
 6650 ELLIS AVE S
 SEATTLE, WA 98108

RCRIS-SQG 1001806474
 FINDS WAD981764210

Site 2 of 3 in cluster CB

Relative:
 Higher

Actual:
 20 ft.

RCRIS:
 Owner: GEN ADMIN TRANSPORT SVCS
 (206) 464-6484
 EPA ID: WAD981764210
 Contact: STEVE SKAGEN
 (206) 464-6484
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

CB620
 SSE
 1/2-1
 3999 ft.

MOTOR POOL
 6650 ELLIS AVE SOUTH
 SEATTLE, WA 98108

LUST U001125276
 UST N/A

Site 3 of 3 in cluster CB

Relative:
 Higher

Actual:
 20 ft.

LUST:
 Facility ID: 8043 Ecology Region: NWRO
 Release ID: 2713 Release Date: 11/22/91
 Release Status: Cleanup Started Status Date: 11/22/91
 Alternate Name: WASHINGTON STATE MOTOR POOL
 Lat/Lon: 47.54303 / 122.320336
 Affected Media: Soil
 Facility ID: 8043 Ecology Region: NWRO
 Release ID: 2713 Release Date: 11/22/91
 Release Status: Reported Cleaned Up Status Date: 6/1/95
 Alternate Name: WASHINGTON STATE MOTOR POOL

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MOTOR POOL (Continued)

U001125276

Lat/Lon 47.54303 / 122.320336
Affected Media: Soil

UST:

Facility ID: 8043
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

CA621
South
1/2-1
4030 ft.

ARROW TRANSPORTATION
6737 CORSON AVE S
SEATTLE, WA 98108

RCRIS-SQG 1000151951
FINDS WAD007942733
WA ICR
CERC-NFRAP

Site 2 of 4 in cluster CA

Relative:
Lower

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
Non NPL Code: NFRAP
Ownership Status: Other
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL

Actual:
15 ft.

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY Completed: 01/01/1980
Assessment: SITE INSPECTION Completed: 04/03/1980
Assessment: PRELIMINARY ASSESSMENT Completed: 05/09/1985
Assessment: SITE INSPECTION Completed: 02/23/1990
Assessment: ARCHIVE SITE Completed: 02/23/1990

RCRIS:

Owner: ARROW TRANSPORTATION CO
(360) 555-1212
EPA ID: WAD007942733
Contact: JOHN TURMO
(253) 272-1888

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

WA ICR:

Date Ecology Received Report: 06/28/1990
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: 90-06
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 03/06/1997

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ARROW TRANSPORTATION (Continued)

1000151951

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: 98-44
 County Code: 17.00000
 Contact: Not reported
 Report Title: Corson Avenue Cleanup - November 1996

Date Ecology Received Report: 11/10/1992
 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: 92-38
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Date Ecology Received Report: 11/10/1992
 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: 92-38
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

CA622
 South
 1/2-1
 4030 ft.

**INLAND TRANSPORTATION CO
 6737 CORSON S
 SEATTLE, WA 98108**

CSCSL NFA S104971663
 N/A

Site 3 of 4 in cluster CA

Relative:
 Lower

WA NFA:
 Facility/Site Id : 2134
 Ecology Status : Awaiting Site Hazard Assessment
 Independent Status Code : Not reported
 WARM Bin Number : Not reported
 NFA Code : NFA after Assesment IRAP or VCP
 NFA Date : 11/23/92 0:00
 Program Plan Code : Not reported
 NFA Desc : NFA after assessment, IRAP, or VCP

Actual:
 15 ft.

CA623
 South
 1/2-1
 4030 ft.

**ARROW TRANSPORTATION COMPANY
 6737 CORSON AVENUE SOUTH
 SEATTLE, WA 98108**

UST U003026172
 N/A

Site 4 of 4 in cluster CA

Relative:
 Lower

Actual:
 15 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ARROW TRANSPORTATION COMPANY (Continued)

U003026172

UST:

Facility ID: 1940
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 4
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 1940
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 2
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 1940
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 3
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 1940
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

624
WNW
1/2-1
4051 ft.

MARINE POWER & EQUIPMENT CO. INC.
5055 E MARGINAL WAY S
SEATTLE, WA 98134

UST U001126697
N/A

Relative:
Lower

UST:

Facility ID: 11228
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Actual:
8 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

CD625 **ZEP MFG CO SEATTLE**
NW **4700 DENVER ST**
1/2-1 **SEATTLE, WA 98134**
4077 ft.

RCRIS-SQG **1000473874**
FINDS **WAD988479309**

Site 1 of 7 in cluster CD

Relative:
 Lower

RCRIS:
 Owner: ZEP MFG CO
 (360) 555-1212
 EPA ID: WAD988479309
 Contact: GREG BARTON
 (206) 248-1900

 Classification: Small Quantity Generator
 TSDF Activities: Not reported

 Violation Status: No violations found

Actual:
 14 ft.

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

626
South **6706 FLORA AVE S**
1/2-1 **SEATTLE, WA**
4090 ft.

SPILLS **S105400376**
 N/A

Relative:
 Higher

WA SPILL:
 Facility ID: 524267
 Material Desc : CHEMICAL
 Medium: SOIL
 Material Qty: Not reported
 Material Units: Not reported
 Business Name: PHILIPS WASTE MANAGEMENT
 IPRP Last Name: Not reported
 Date Received: Not reported

Actual:
 19 ft.

627 **BIG JOHNS TRUCK REPAIR INC**
SSW **6533 3RD AVE S**
1/2-1 **SEATTLE, WA 98108**
4090 ft.

RCRIS-SQG **1004794574**
CSCSL **WAD988519781**
FINDS
VCP

Relative:
 Lower

RCRIS:
 Owner: VERN MCDANIEL
 (206) 767-3939
 EPA ID: WAD988519781
 Contact: VERN MCDANIEL
 (206) 767-3939

 Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

Actual:
 9 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BIG JOHNS TRUCK REPAIR INC (Continued)

1004794574

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 44383713

MTBE Code: Not reported

Responsible Unit: Northwest Region

Latitude: 47 32 39.26

Longitude: 122 19 51.81

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):

Affected Media: Ground 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)

Arsenic Code: Not reported

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 2

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

Facility ID: 44383713

MTBE Code: Not reported

Responsible Unit: Northwest Region

Latitude: 47 32 39.26

Longitude: 122 19 51.81

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):

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)

Arsenic Code: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BIG JOHNS TRUCK REPAIR INC (Continued)

1004794574

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	2
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

VCP:

Facility ID :	44383713
WARM BIN # :	Not reported
Ecology Status :	Independent Remedial Action
NFA Code :	Not reported

628
 SSW
 1/2-1
 4092 ft.

UNIVERSAL METAL FABRICATORS SEATTLE
 6553 5TH S
 SEATTLE, WA 98108

RCRIS-SQG 1000431714
 FINDS WAD071829261

Relative:
 Lower

Actual:
 10 ft.

RCRIS:

Owner:	UNIVERSAL METAL FABRICATORS (360) 555-1212
EPA ID:	WAD071829261
Contact:	HAZ-WASTE MGR
Classification:	Small Quantity Generator
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

CD629
 NW
 1/2-1
 4096 ft.

UNION PACIFIC RR DENVER AVE YARD
 4700 DENVER AVE S UNDER 4TH AV
 SEATTLE, WA 98134

RCRIS-SQG 1001203963
 FINDS WAH000000992

Relative:
 Lower

Actual:
 14 ft.

Site 2 of 7 in cluster CD

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

UNION PACIFIC RR DENVER AVE YARD (Continued)

Database(s) EDR ID Number
 EPA ID Number

1001203963

RCRIS:

Owner: UNION PACIFIC RAILROAD
 (206) 764-1471
 EPA ID: WAH000000992
 Contact: PETER JOHNSTONE
 (206) 232-6393

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

CE630
 SW
 1/2-1
 4098 ft.

6365 1ST AVE S
 SEATTLE, WA 98108

CSCSL S104971197
 SPILLS N/A

Site 1 of 2 in cluster CE

Relative:
 Lower

SHWS:

Facility ID: 21945598
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 32 48.8
 Longitude: 122 20 6.9

Actual:
 10 ft.

Ecology Site Status relative to the MTCA cleanup process:
 Independent Remedial Action
 Independent Site Status - those sites undergoing an independent cleanup:
 Final Independent Remedial Action Report received
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
 Affected Media: Ground 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)

Arsenic Code:	Not reported
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:	Confirmed above MTCA cleanup levels
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

(Continued)

S104971197

Facility ID: 21945598
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 32 48.8
 Longitude: 122 20 6.9
 Ecology Site Status relative to the MTCA cleanup process:
 Independent Remedial Action
 Independent Site Status - those sites undergoing an independent cleanup:
 Final Independent Remedial Action Report received
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
 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)
 Arsenic Code: Not reported
 Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels
 Halogenated Organic Compounds: Not reported
 Horizontal Collection Method: 4
 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): Confirmed above MTCA cleanup levels
 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): 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

WA SPILL:

Facility ID: 524366
 Material Desc : PETROLEUM - DIESEL FUEL
 Medium: SURFACE WATER-MARINE
 Material Qty: 15
 Material Units: GALLON
 Business Name: MANSON CONSTRUCTION
 IPRP Last Name: Not reported
 Date Received: Not reported

CE631
 SW
 1/2-1
 4098 ft.

DUWAMISH MARINE CENTER
 6365 1ST AVE S
 SEATTLE, WA 98108

VCP S105576118
 N/A

Site 2 of 2 in cluster CE

Relative:
 Lower

Actual:
 10 ft.

VCP:
 Facility ID : 21945598
 WARM BIN # : Not reported
 Ecology Status : Independent Remedial Action
 NFA Code : Not reported

MAP FINDINGS

Map ID							
Direction							
Distance							
Distance (ft.)							
Elevation	Site			Database(s)		EDR ID Number	EPA ID Number

DUWAMISH MARINE CENTER (Continued)

S105576118

<p>CD632 NW 1/2-1 4102 ft.</p>	<p>4700 DENVER AVE. 4700 DENVER AVE. SEATTLE, WA</p>	<p>ERNS</p>	<p>91223620 N/A</p>
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Relative: Lower
Site 3 of 7 in cluster CD

Actual: 15 ft.

<p>CD633 NW 1/2-1 4102 ft.</p>	<p>UNITOR SHIPS SVC LTD 4700 DENVER AVE S SE CORNER SE SEATTLE, WA 98134</p>	<p>RCRIS-SQG FINDS</p>	<p>1001092072 WAR000007195</p>
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Relative: Lower
Site 4 of 7 in cluster CD

RCRIS:
 Owner: UNITOR SHIPS SVC LTD
 (360) 555-1212
 EPA ID: WAR000007195
 Contact: DAVE FARRELL
 (604) 434-7447

Classification: Small Quantity Generator
 TSDf Activities: Not reported
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

<p>CD634 NW 1/2-1 4102 ft.</p>	<p>AMERICAN PRESIDENT LINES 4700 DENVER AVE S BETWEEN RAIL SEATTLE, WA 98134</p>	<p>RCRIS-SQG FINDS</p>	<p>1001234033 WAH000004432</p>
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Relative: Lower
Site 5 of 7 in cluster CD

RCRIS:
 Owner: AMERICAN PRESIDENT LINES
 (206) 704-1404
 EPA ID: WAH000004432
 Contact: DAMON YOST
 (800) 510-8510

Classification: Small Quantity Generator
 TSDf Activities: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

AMERICAN PRESIDENT LINES (Continued)

1001234033

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

CF635
 NE
 1/2-1
 4116 ft.

VA PUGET SOUND HEALTH CARE SYSTEMS SEATT
1660 S COLUMBIAN WAY
SEATTLE, WA 98108

RCRIS-LQG 1000812954
 WA1360007313

Site 1 of 7 in cluster CF

Relative:
 Higher

Actual:
 302 ft.

RCRIS:
 Owner: WA DVA
 (202) 273-5400
 EPA ID: WA1360007313
 Contact: LISA WOODINGS
 (206) 768-5344

Classification: Large Quantity Generator
 TSDF Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1999

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	3716.08	D006	1100.00
D008	1100.00	D009	65.00
F003	2482.08	F005	480.00
P042	8.00	U075	218.00
U226	210.00		

Violation Status: Violations exist

Regulation Violated: -630(3) / -200(1)(b)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 01/29/2003
 Actual Date Achieved Compliance: 04/15/2003

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 03/25/2003
 Penalty Type: Not reported

Regulation Violated: -200(1)(d) / -170(2)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 01/29/2003
 Actual Date Achieved Compliance: 06/02/2003

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 03/25/2003
 Penalty Type: Not reported

Regulation Violated: -573(10)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 01/29/2003
 Actual Date Achieved Compliance: 04/15/2003

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 03/25/2003
 Penalty Type: Not reported

Regulation Violated: -200(1)(c) / -170(2)

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

VA PUGET SOUND HEALTH CARE SYSTEMS SEATT (Continued)

1000812954

Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	01/29/2003
Actual Date Achieved Compliance:	04/15/2003
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/25/2003
Penalty Type:	Not reported
Regulation Violated:	-630(7) / -200(1)(b)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	01/29/2003
Actual Date Achieved Compliance:	04/15/2003
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/25/2003
Penalty Type:	Not reported
Regulation Violated:	200(1)(a)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	03/11/1999
Actual Date Achieved Compliance:	04/27/1999
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/18/1999
Penalty Type:	Not reported
Regulation Violated:	200(1)(B)/630(6)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	03/11/1999
Actual Date Achieved Compliance:	03/20/1999
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/18/1999
Penalty Type:	Not reported
Regulation Violated:	200(1)(d)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	03/11/1999
Actual Date Achieved Compliance:	04/27/1999
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/18/1999
Penalty Type:	Not reported
Regulation Violated:	200(1)(C)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	03/11/1999
Actual Date Achieved Compliance:	04/27/1999
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/18/1999
Penalty Type:	Not reported
Regulation Violated:	200(2)(C)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	03/11/1999
Actual Date Achieved Compliance:	03/15/1999
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/18/1999
Penalty Type:	Not reported

There are 10 violation record(s) reported at this site:

Evaluation _____ Area of Violation _____

Date of
 Compliance

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

VA PUGET SOUND HEALTH CARE SYSTEMS SEATT (Continued) 1000812954

Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20030415
	GENERATOR-GENERAL REQUIREMENTS	20030602
	GENERATOR-GENERAL REQUIREMENTS	20030415
	GENERATOR-GENERAL REQUIREMENTS	20030415
	GENERATOR-GENERAL REQUIREMENTS	20030415
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19990427
	GENERATOR-GENERAL REQUIREMENTS	19990320
	GENERATOR-GENERAL REQUIREMENTS	19990427
	GENERATOR-GENERAL REQUIREMENTS	19990427
	GENERATOR-GENERAL REQUIREMENTS	19990315

NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

CF636 US VA MEDICAL CTR SEATTLE COLUM
NE 1660 S COLUMBIAN WAY
1/2-1 SEATTLE, WA 98104
4116 ft.

RCRIS-SQG 1000142899
FINDS WA0360090047

Site 2 of 7 in cluster CF

Relative:
 Higher

RCRIS:

Owner: USVA
 (360) 555-1212
 EPA ID: WA0360090047
 Contact: GORDON SILAR
 (206) 764-2005
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Actual:
 302 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Biennial Reporting System (BRS)
 Facility Registry System (FRS)
 National Compliance Database (NCDB)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

CG637 WNW 5000 EAST MARGINAL WAY SO
1/2-1 SEATTLE, WA
4115 ft.

SPILLS S105888457
N/A

Site 1 of 4 in cluster CG

Relative:
 Lower

WA SPILL:

Facility ID: 533599
 Material Desc : PETROLEUM - OIL OTHER
 Medium: OTHER
 Material Qty: 0
 Material Units: Not reported
 Business Name: Not reported
 IPRP Last Name: Not reported
 Date Received: 05/09/03

Actual:
 9 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

CG638
WNW 5000 E MARGINAL WAY
 1/2-1 SEATTLE, WA
 4115 ft.

SPILLS S105390531
 N/A

Site 2 of 4 in cluster CG

Relative:
 Lower

WA SPILL:
 Facility ID: 506693
 Material Desc : OTHER HAZARDOUS
 Medium: ROADWAY-PAVED
 Material Qty: 55
 Material Units: GALLON
 Business Name: UNKNOWN
 IPRP Last Name: Not reported
 Date Received: Not reported

Actual:
 9 ft.

CG639 TOTEM EQUIPMENT COMPANY, INC.
WNW 5000 E MARGINAL WAY
 1/2-1 SEATTLE, WA 98124
 4115 ft.

UST U003025709
 N/A

Site 3 of 4 in cluster CG

Relative:
 Lower

UST:
 Facility ID: 11875
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Closed in Place
 Tank Name: 3
 Substance: LEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 11875
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Closed in Place
 Tank Name: 2
 Substance: LEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 11875
 Install Date: 1/1/1972 00:00:00
 Capacity: 5,000 TO 9,999 GALLONS
 Status: Closed in Place
 Tank Name: 1
 Substance: USED OIL/WASTE OIL
 Compartment #: 1
 Ecology Region: North Western

Actual:
 9 ft.

CF640 SEATTLE VA MEDICAL CENTER
NE 1660 S. COLUMBIA WAY
 1/2-1 SEATTLE, WA 98108
 4124 ft.

WA ICR S103509073
 N/A

Site 3 of 7 in cluster CF

Relative:
 Higher

WA ICR:
 Date Ecology Received Report: 01/11/1999
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Groundwater, Soil

Actual:
 302 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

SEATTLE VA MEDICAL CENTER (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S103509073

Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-19
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	02/28/1992
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:	92-20
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	03/16/1992
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:	92-20
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	09/23/1991
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:	92-08
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported

CD641
 NW
 1/2-1
 4125 ft.

LEO FIX TRANSFER & STORAGE CO INC
4700 DENVER AVE SOUTH
SEATTLE, WA 98134

LUST U001122415
 SPILLS N/A
 UST

Site 6 of 7 in cluster CD

Relative:
 Lower

Actual:
 15 ft.

LUST:			
Facility ID:	1621	Ecology Region:	NWRO
Release ID:	4476	Release Date:	06/24/93
Release Status:	Awaiting Cleanup	Status Date:	6/21/93
Alternate Name:	UNION PACIFIC RR ARGO YARD - GATE SITE		
Lat/Lon	47.56264 / 122.3358		
Affected Media:	Soil		
Facility ID:	1621	Ecology Region:	NWRO
Release ID:	4476	Release Date:	06/24/93
Release Status:	Cleanup Started	Status Date:	6/22/93
Alternate Name:	UNION PACIFIC RR ARGO YARD - GATE SITE		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LEO FIX TRANSFER & STORAGE CO INC (Continued)

U001122415

Lat/Lon 47.56264 / 122.3358
Affected Media: Soil

Facility ID: 1621 Ecology Region: NWRO
Release ID: 4476 Release Date: 06/24/93
Release Status: Reported Cleaned Up Status Date: 11/4/97
Alternate Name: UNION PACIFIC RR ARGO YARD - GATE SITE
Lat/Lon 47.56264 / 122.3358
Affected Media: Soil

WA SPILL:

Facility ID: 533902
Material Desc: PETROLEUM - DIESEL FUEL
Medium: ROADWAY-PAVED
Material Qty: 50
Material Units: GALLON
Business Name: Not reported
IPRP Last Name: UNK
Date Received: 05/23/03

UST:

Facility ID: 1621
Install Date: 12/31/1964 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Removed
Tank Name: 2
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 1621
Install Date: 12/31/1964 00:00:00
Capacity: 111 TO 1,000 GALLONS
Status: Removed
Tank Name: 1
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

CD642
NW
1/2-1
4125 ft.

UNION PACIFIC RAILROAD ARGO YARD
4700 BLK DENVER AVE S
SEATTLE, WA 98134

RCRIS-SQG 1001491017
FINDS WAD988523379
WA ICR

Site 7 of 7 in cluster CD

Relative:
Lower

RCRIS:
Owner: UNION PACIFIC RAILROAD
(402) 271-6571
EPA ID: WAD988523379
Contact: CHRISTI HORNICK
(402) 271-6571

Actual:
15 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNION PACIFIC RAILROAD ARGO YARD (Continued)

1001491017

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

WA ICR:

Date Ecology Received Report: 06/12/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-27
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/05/1999
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: 98-17
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 11/04/1997
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: 98-17
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 12/21/1999
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: 98-34
County Code: 17.00000
Contact: Not reported
Report Title: 1999 Monitoring Report - Request RCU

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EPA ID Number

CF643 NE 1/2-1 4136 ft.	V. A., DEPARTMENT OF 1660 SOUTH COLUMBIAN WAY SEATTLE, WA 98108	MLTS	1006334614 N/A
--	--	-------------	---------------------------------

Site 4 of 7 in cluster CF

Relative: Higher
Actual: 303 ft.

MLTS:
License Number: 46-00990-01 First License Date: 11/26/1990
License Date: 11/06/2002 Institution Code: 990
License Expires: 03/31/2005
Primary Program: Medical Institution Broad
License Use: Research and Development Type A Broad, Source Material Shielding
Department: PUGET SOUND HEALTH CARE SYSTEM Building: Not reported
Contact Name: TIMOTHY B. WILLIAMS, DIRECTOR Contact Phone: 206-762-1010
States Allowing Use: Not reported
Store Material: No
Redistribution: No Incineration: Yes
Burial: No
Last Inspection: 09/2001
Inspector Name: RRE
Next Inspection: 09/2003

CF644 NE 1/2-1 4136 ft.	SEATTLE VETERANS HOSPITAL 1660 S. COLUMBIAN WAY SEATTLE, WA 98108	FINDS	1006875769 110014406561
--	--	--------------	--

Site 5 of 7 in cluster CF

Relative: Higher
Actual: 303 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
ICIS

CF645 NE 1/2-1 4136 ft.	1660 SOUTH COLUMBIAN WAY SEATTLE, WA	SPILLS	S105398080 N/A
--	---	---------------	---------------------------------

Site 6 of 7 in cluster CF

Relative: Higher
Actual: 303 ft.

WA SPILL:
Facility ID: 519886
Material Desc: PETROLEUM - WASTE/USED OIL
Medium: ROADWAY-PAVED
Material Qty: 4
Material Units: QUART
Business Name: UNKNOWN
IPRP Last Name: Not reported
Date Received: Not reported

CF646 NE 1/2-1 4136 ft.	VA MEDICAL CENTER 1660 SO COLUMBIAN WAY SEATTLE, WA 98108	LUST UST	U003026905 N/A
--	--	---------------------------	---------------------------------

Site 7 of 7 in cluster CF

Relative: Higher
Actual: 303 ft.

LUST:
Facility ID: 4268 Ecology Region: NWRO
Release ID: 2528 Release Date: 09/23/91
Release Status: Cleanup Started Status Date: 9/28/95
Alternate Name: VA MEDICAL CENTER SEATTLE

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

VA MEDICAL CENTER (Continued)

U003026905

Lat/Lon 47.56314 / 122.314266
Affected Media: Ground Water

Facility ID: 4268 Ecology Region: NWRO
Release ID: 2528 Release Date: 09/23/91
Release Status: Cleanup Started Status Date: 9/28/95
Alternate Name: VA MEDICAL CENTER SEATTLE
Lat/Lon 47.56314 / 122.314266
Affected Media: Soil

UST:

Facility ID: 4268
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Exempt
Tank Name: B
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 4268
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Exempt
Tank Name: A
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 4268
Install Date: 3/1/1951 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Closed in Place
Tank Name: GAS TANK
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 4268
Install Date: 3/1/1951 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: D
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 4268
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Exempt
Tank Name: 2
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

VA MEDICAL CENTER (Continued)

U003026905

Facility ID: 4268
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Exempt
Tank Name: 1
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 4268
Install Date: 3/1/1951 00:00:00
Capacity: 1,101 TO 2,000 GALLONS
Status: Removed
Tank Name: 4
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 4268
Install Date: 6/22/1992 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Operational
Tank Name: 1-R
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 4268
Install Date: 3/1/1951 00:00:00
Capacity: 1,101 TO 2,000 GALLONS
Status: Operational
Tank Name: 3
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 4268
Install Date: 1/1/1985 00:00:00
Capacity: 20,000 TO 29,999 GALLONS
Status: Operational
Tank Name: C
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

CG647 TOTEM EQUIPMENT SEATTLE
WNW 5000 E MARGINAL WAY S
1/2-1 SEATTLE, WA 98134
4147 ft.

RCRIS-SQG 1004793434
FINDS WAD027478957

Site 4 of 4 in cluster CG

Relative:
Lower

Actual:
8 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TOTEM EQUIPMENT SEATTLE (Continued)

1004793434

RCRIS:
Owner: JIM RUTHERFORD
(206) 762-9191
EPA ID: WAD027478957
Contact: CALVIN DANSEREAU
(206) 762-9191
Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

CH648
NW
1/2-1
4192 ft.

BLOCH STEEL INDUSTRIES
4580 COLORADO AVE S
SEATTLE, WA 98134

RCRIS-SQG 1000993050
FINDS WAR000000745
SPILLS
CSCSL NFA
VCP

Site 1 of 3 in cluster CH

Relative:
Lower

Actual:
12 ft.

RCRIS:
Owner: LEO BLOCH
(206) 763-0200
EPA ID: WAR000000745
Contact: JOEL RICHARDS
(206) 763-0200
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Biennial Reporting System (BRS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

WA SPILL:
Facility ID: 526272
Material Desc : TRANSFORMER OIL
Medium: SOIL
Material Qty: 100
Material Units: GALLON
Business Name: PUGET SOUND ENERGY - PSE
IPRP Last Name: Not reported
Date Received: Not reported

WA NFA:
Facility/Site Id : 57747142
Ecology Status : Independent Remedial Action
Independent Status Code : Final Independent RA Report received
WARM Bin Number : Not reported
NFA Code : NFA after Assesment IRAP or VCP
NFA Date : 11/16/99 0:00
Program Plan Code : 4

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BLOCH STEEL INDUSTRIES (Continued)

1000993050

NFA Desc : NFA after assessment, IRAP, or VCP
 VCP:
 Facility ID : 57747142
 WARM BIN # : Not reported
 Ecology Status : Independent Remedial Action
 NFA Code : NFA after assessment, IRAP, or VCP

CH649
 NW
 1/2-1
 4192 ft.

BLOCH STEEL
4580 COLORADO S.
SEATTLE, WA 98124

WA ICR S104485992
N/A

Site 2 of 3 in cluster CH

Relative:
 Lower

WA ICR:
 Date Ecology Received Report: 03/20/2000
 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: 98-25
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Actual:
 12 ft.

Date Ecology Received Report: 07/15/1992
 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: 92-39
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Date Ecology Received Report: 09/22/1994
 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: 93-36
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

CH650
 NW
 1/2-1
 4192 ft.

M BLOCH & CO INC
4580 COLORADO AVE S PO BOX 240
SEATTLE, WA 98124

LUST U001123240
UST N/A

Site 3 of 3 in cluster CH

Relative:
 Lower

LUST:
 Facility ID: 3589 Ecology Region: NWRO
 Release ID: 3566 Release Date: 06/22/92
 Release Status: Cleanup Started Status Date: 6/1/95
 Alternate Name: BLOCH STEEL INDUSTRIES

Actual:
 12 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

M BLOCH & CO INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001123240

Lat/Lon 47.56063 / 122.33678
Affected Media: Ground Water

Facility ID: 3589 Ecology Region: NWRO
Release ID: 3566 Release Date: 06/22/92
Release Status: Cleanup Started Status Date: 6/1/95
Alternate Name: BLOCH STEEL INDUSTRIES
Lat/Lon 47.56063 / 122.33678
Affected Media: Soil

UST:

Facility ID: 3589
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1.
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

651 SEATTLE SCH DIST 1 MERCER MIDDLE SCH
NNE 1600 S COLUMBIAN WAY
1/2-1 SEATTLE, WA 98108
4230 ft.

RCRIS-SQG 1000706767
FINDS WAD100568351

Relative:
Higher

RCRIS:

Owner: SEATTLE SCH DIST 1
(206) 298-7529
EPA ID: WAD100568351
Contact: DAVID WICK
(206) 252-0529

Actual:
286 ft.

Classification: Small Quantity Generator
TSD Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

CI652 WASHINGTON ANG 143 CCSQ
SSE 6736 ELLIS AVE S
1/2-1 SEATTLE, WA 98108
4270 ft.

UST U001122017
N/A

Relative:
Higher

Site 1 of 5 in cluster C1

UST:

Facility ID: 487
Install Date: 7/1/1983 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 202-5
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Actual:
19 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WASHINGTON ANG 143 CCSQ (Continued)

U001122017

Facility ID: 487
Install Date: 7/1/1983 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 202-3
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 487
Install Date: 7/1/1983 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 202-1
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 487
Install Date: 7/1/1983 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Removed
Tank Name: 202-2
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 487
Install Date: 7/1/1983 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 202-4
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

CI653 WA AIR NATIONAL GUARD BOEING N FIELD
SSE 6736 ELLIS AVE S
1/2-1 SEATTLE, WA 98108
4270 ft.

CSCSL S103083952
N/A

Site 2 of 5 in cluster CI

Relative:
Higher

Actual:
19 ft.

SHWS:
Facility ID: 3796155
MTBE Code: Not reported
Responsible Unit: Northwest Region
Latitude: 47 32 33.432
Longitude: 122 19 9.372
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):
Affected Media: Ground 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)
Arsenic Code: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

WA AIR NATIONAL GUARD BOEING N FIELD (Continued)

S103083952

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	Unknown
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:	Confirmed above MTCA cleanup levels
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 3796155
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 32 33.432
 Longitude: 122 19 9.372
 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):

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)

Arsenic Code:	Not reported
Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	Unknown
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:	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:	Confirmed above MTCA cleanup levels
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

Site _____ Database(s) _____ EDR ID Number _____
 EPA ID Number _____

CI654 AIR NATIONAL GUARD - NORTH BOEING FIELD WA ICR S104484566
SSE 6736 ELLIS AVE. E. N/A
1/2-1 SEATTLE, WA 98108
4270 ft.

Site 3 of 5 in cluster CI

Relative: WA ICR:
Higher Date Ecology Received Report: 03/10/1995
 Contaminants Found at Site: Petroleum products
Actual: Media Contaminated: Groundwater, Soil
19 ft. Cause of Contamination: Not reported
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 93-49
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

CI655 SEATTLE AIR NATIONAL GUARD WA ICR S104488243
SSE 6736 ELLIS AVE. S. N/A
1/2-1 SEATTLE, WA 98108
4270 ft.

Site 4 of 5 in cluster CI

Relative: WA ICR:
Higher Date Ecology Received Report: 05/07/1996
 Contaminants Found at Site: Metals
 Petroleum products
Actual: Media Contaminated: Soil
19 ft. Cause of Contamination: Unknown
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 94-27
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Date Ecology Received Report: 07/31/1996
 Contaminants Found at Site: Metals
 Total petroleum hydrocarbons
 Base/neutral organics
 Media Contaminated: Groundwater, Soil
 Cause of Contamination: Not reported
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 94-33
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

656 303 S RIVER ST SPILLS S105465654
SSW SEATTLE, WA N/A
1/2-1
4272 ft.

Relative: WA SPILL:
Lower Facility ID: 527627
 Material Desc: CHEMICAL
Actual: Medium: BUILDING/STRUCTURE
8 ft. Material Qty: 0

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

(Continued)

S105465654

Material Units: Not reported
 Business Name: SCS REFRIGERATED SERVICES
 IPRP Last Name: Not reported
 Date Received: Not reported

CI657
 SSE
 1/2-1
 4276 ft.

USAF ANG SEATTLE STATION
6736 ELLIS AVENUE S
SEATTLE, WA 98108

RCRIS-SQG 1003880752
 FINDS WAD147234637
 CERC-NFRAP

Site 5 of 5 in cluster CI

Relative:
 Higher

Actual:
 19 ft.

CERCLIS-NFRAP Classification Data:
 Site Incident Category: Not reported
 Non NPL Code: NFRAP
 Ownership Status: Unknown
 CERCLIS-NFRAP Assessment History:
 Assessment: DISCOVERY Completed: 05/13/1996
 Assessment: SITE INSPECTION Completed: 01/31/1997
 Assessment: PRELIMINARY ASSESSMENT Completed: 01/31/1997
 Assessment: ARCHIVE SITE Completed: 01/31/1997
 CERCLIS-NFRAP Alias Name(s):
 WASHINGTON AIR NATIONAL GUARD SEATTLE
 RCRIS:
 Owner: US DOD
 (253) 512-3205
 EPA ID: WAD147234637
 Contact: STEPHEN PURVINE
 (253) 512-3205
 Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

CJ658
 SSW
 1/2-1
 4285 ft.

WESTERN WASHINGTON APPRENT T
6770 E MARGINAL WAY S BLDG D
SEATTLE, WA 98108

RCRIS-SQG 1000403355
 FINDS WAD988468724

Site 1 of 3 in cluster CJ

Relative:
 Lower

Actual:
 10 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTERN WASHINGTON APPRENT T (Continued)

1000403355

RCRIS:

Owner: WESTERN WASHINGTON APPRENT T

(360) 555-1212

EPA ID: WAD988468724

Contact: PAUL NORLING

(206) 762-8332

Classification: Small Quantity Generator

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

CK659 SPRINGS PRINTING INC
SW 151 S MICHIGAN ST
1/2-1 SEATTLE, WA 98108
4285 ft.

RCRIS-SQG 1000219378
FINDS WAD027410828

Relative:
Lower

Site 1 of 2 in cluster CK

RCRIS:

Owner: SPRINGS PRINTING INC MICHIGAN ST

(360) 555-1212

EPA ID: WAD027410828

Contact: DON ANDREWS

(206) 763-0512

Classification: Small Quantity Generator

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

660 FERDINAND ST DRUG LA
ENE 2031 S FERDINAND ST
1/2-1 SEATTLE, WA 98108
4313 ft.

RCRIS-SQG 1000892009
FINDS WA0000277111

Relative:
Higher

Actual:
317 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FERDINAND ST DRUG LA (Continued)

1000892009

RCRIS:

Owner: WA ECY
(360) 555-1212
EPA ID: WA0000277111
Contact: KAREN RENNAKER
(425) 649-7063
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

661
SE
1/2-1
4317 ft.

PUGET SOUND ENERGY
6349 18TH AVE SOUTH
SEATTLE, WA 98108

LUST U003311207
WA ICR N/A
UST

Relative:
Higher

LUST:

Facility ID: 9864 Ecology Region: NWRO
Release ID: 428895 Release Date: 11/05/97
Release Status: Cleanup Started Status Date: 11/5/97
Alternate Name: PUGET SOUND ENERGY
Lat/Lon 47.546751 / 122.311166
Affected Media: Soil

Actual:
48 ft.

Facility ID: 9864 Ecology Region: NWRO
Release ID: 428895 Release Date: 11/05/97
Release Status: Reported Cleaned Up Status Date: 2/12/03
Alternate Name: PUGET SOUND ENERGY
Lat/Lon 47.546751 / 122.311166
Affected Media: Soil

WA ICR:

Date Ecology Received Report: 08/06/1998
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: 98-09
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

UST:

Facility ID: 9864
Install Date: 1/1/1973 00:00:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Removed
Tank Name: 1
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PUGET SOUND ENERGY (Continued)

Database(s) EDR ID Number
EPA ID Number

U003311207

CK662 SEATTLE TRUCK REPAIR INC
SW 6401 OCCIDENTAL AVE SOUTH
1/2-1 SEATTLE, WA 98108
4318 ft.

UST U000587204
N/A

Site 2 of 2 in cluster CK

Relative:
Lower

UST:
Facility ID: 1984
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 2-DIESEL
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Actual:
14 ft.

Facility ID: 1984
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1-GAS
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

CJ663 NORTHWEST NUT & BOLT CO
SSW 6795 E MARGINAL WAY S
1/2-1 SEATTLE, WA 98108
4326 ft.

RCRIS-SQG 1001600540
FINDS WAH000008516

Site 2 of 3 in cluster CJ

Relative:
Lower

RCRIS:
Owner: SCHITZER NORTHWEST
(425) 885-0200
EPA ID: WAH000008516
Contact: LARRY PETERKIN
(800) 547-6758

Actual:
10 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

664 **SEATTLE LIGHTING CO. (GAS HOLDER)**
SE **6300 BLOCK SWIFT AVE.**
1/2-1 **SEATTLE, WA 98108**
4335 ft.

Coal Gas **G000001231**
 N/A

Relative: **COAL GAS SITE DESCRIPTION:**
Higher 1929, Seattle Lighting Co. gasholder is located just east of 18th Av. S., south of Swift Av.
 and west of 19th Av. S. Site is east of Interstate 5.

Actual: ©Copyright 1993 Real Property Scan, Inc.
65 ft.

CL665 **SCHULTZ DISTRIBUTING INC**
South **6760 W MARGINAL WAY**
1/2-1 **SEATTLE, WA 98108**
4346 ft.

UST **U003152676**
 N/A

Site 1 of 3 in cluster CL

Relative: **UST:**
Lower Facility ID: 395043
 Install Date: 7/31/1996 00:00:00
Actual: Capacity: 10,000 TO 19,999 GALLONS
10 ft. Status: Operational
 Tank Name: 1
 Substance: DIESEL
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 395043
 Install Date: 7/31/1996 00:00:00
 Capacity: 10,000 TO 19,999 GALLONS
 Status: Operational
 Tank Name: 2
 Substance: DIESEL
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 395043
 Install Date: 7/31/1996 00:00:00
 Capacity: 10,000 TO 19,999 GALLONS
 Status: Operational
 Tank Name: 3
 Substance: DIESEL
 Compartment #: 1
 Ecology Region: North Western

CJ666 **SOUTH SEATTLE COMMUNITY COLLEGE**
SSW **DUWAMISH APPRENTICESHIP &**
1/2-1 **SEATTLE, WA 98108**
4355 ft.

UST **U003311196**
 N/A

Site 3 of 3 in cluster CJ

Relative:
Lower

Actual:
10 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SOUTH SEATTLE COMMUNITY COLLEGE (Continued)

U003311196

UST:

Facility ID: 7405
Install Date: 4/1/1994 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Operational
Tank Name: B-1D
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 7405
Install Date: 7/1/1982 00:00:00
Capacity: 111 TO 1,000 GALLONS
Status: Removed
Tank Name: B-1
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 7405
Install Date: 12/31/1964 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Closed in Place
Tank Name: H-1
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

CM667 VACUUM TRUCK SVC INC
SSW 220 S RIVER ST
1/2-1 SEATTLE, WA 98108
4376 ft.

RCRIS-SQG 1000428809
FINDS WAD021817796

Site 1 of 3 in cluster CM

Relative:
Lower

Actual:
9 ft.

RCRIS:
Owner: VACUUM TRUCK SVC INC
(360) 555-1212
EPA ID: WAD021817796
Contact: MIKE GREEN
(206) 762-8067
Classification: Small Quantity Generator
TSD Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			EDR ID Number
Elevation	Site	Database(s)	EPA ID Number

CN668	PACIFIC FOOD PRODUCTS INC	UST	U001123045
North	4200 AIRPORT WY SO		N/A
1/2-1	SEATTLE, WA 98108		
4400 ft.			

Site 1 of 5 in cluster CN

Relative:		UST:	
Higher		Facility ID:	3131
		Install Date:	12/31/1964 00:00:00
Actual:		Capacity:	Not reported
26 ft.		Status:	Exempt
		Tank Name:	2
		Substance:	HEATING FUEL
		Compartment #:	1
		Ecology Region:	North Western
		Facility ID:	3131
		Install Date:	12/31/1964 00:00:00
		Capacity:	111 to 1,100 Gallons
		Status:	Exempt
		Tank Name:	1
		Substance:	HEATING FUEL
		Compartment #:	1
		Ecology Region:	North Western

CN669	SUNNY JIM FOODS (FORMER) (TWO REPORTS)	WA ICR	S103509713
North	4200 AIRPORT WAY S.		N/A
1/2-1	SEATTLE, WA 98108		
4400 ft.			

Site 2 of 5 in cluster CN

Relative:		WA ICR:	
Higher		Date Ecology Received Report:	03/17/1992
		Contaminants Found at Site:	Metals
Actual:		Media Contaminated:	Groundwater
26 ft.		Cause of Contamination:	Not reported
		Region:	North Western
		Type of Report Ecology Received:	Interim cleanup report
		Site Register Issue:	92-20
		County Code:	17.00000
		Contact:	Not reported
		Report Title:	Not reported
		Date Ecology Received Report:	11/25/1991
		Contaminants Found at Site:	Metals
		Media Contaminated:	Groundwater
		Cause of Contamination:	Tank
		Region:	North Western
		Type of Report Ecology Received:	Final cleanup report
		Site Register Issue:	92-13
		County Code:	17.00000
		Contact:	Not reported
		Report Title:	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

670
 SE
 1/2-1
 4405 ft.

PUGET SOUND ENERGY
6500 URSULA AVE. S.
SEATTLE, WA 98108

WA ICR S103503669
N/A

Relative:
 Higher

WA ICR:

Date Ecology Received Report: 02/02/1998
 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: 95-18
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Actual:
 37 ft.

CM671
 SSW
 1/2-1
 4413 ft.

WF CARMODY
220 S RIVER ST
SEATTLE, WA 98108

LUST U001127382
UST N/A

Relative:
 Lower

Site 2 of 3 in cluster CM

LUST:

Facility ID: 97212 Ecology Region: NWRO
 Release ID: 499583 Release Date: 05/18/99
 Release Status: Cleanup Started Status Date: 10/26/98
 Alternate Name: CARMODY PROPERTY, FORMER TRUCK REPAIR FACILITY
 Lat/Lon 47.54368 / 122.33143
 Affected Media: Ground Water

Actual:
 9 ft.

Facility ID: 97212 Ecology Region: NWRO
 Release ID: 499583 Release Date: 05/18/99
 Release Status: Cleanup Started Status Date: 10/26/98
 Alternate Name: CARMODY PROPERTY, FORMER TRUCK REPAIR FACILITY
 Lat/Lon 47.54368 / 122.33143
 Affected Media: Soil

UST:

Facility ID: 97212
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Closed in Place
 Tank Name: 2
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 97212
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Closed in Place
 Tank Name: 1
 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

WF CARMODY (Continued)

U001127382

Facility ID: 97212
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Closed in Place
 Tank Name: 3
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

CM672
 SSW
 1/2-1
 4413 ft.

**CARMODY PROPERTY - FORMER TR
 220 S. RIVER ST.
 SEATTLE, WA 98108**

WA ICR S104485564
 N/A

Site 3 of 3 in cluster CM

Relative:
 Lower

Actual:
 9 ft.

WA ICR:
 Date Ecology Received Report: 06/08/1999
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Groundwater, Soil
 Cause of Contamination: Not reported
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 98-16
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Date Ecology Received Report: 05/18/1999
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Groundwater, Soil
 Cause of Contamination: Not reported
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 98-16
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Date Ecology Received Report: 10/31/1999
 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: 98-33
 County Code: 17.00000
 Contact: Not reported
 Report Title: Phase II Subsurface Soil and Ground Water Investigation

Date Ecology Received Report: 10/25/1999
 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: 98-33
 County Code: 17.00000
 Contact: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CARMODY PROPERTY - FORMER TR (Continued)

S104485564

Report Title: Third Quarter Ground Water Sampling & Testing
 Date Ecology Received Report: 05/13/1998
 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: 98-33
 County Code: 17.00000
 Contact: Not reported
 Report Title: Phase II Subsurface Exploration

Date Ecology Received Report: 12/23/1997
 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: 98-33
 County Code: 17.00000
 Contact: Not reported
 Report Title: Phase I Enviro Audit & Limited Sampling

CL673
 SSW
 1/2-1
 4413 ft.

**WA ST DNR
 6800 E MARGINAL WAY
 SEATTLE, WA 98108**

**UST U003028690
 N/A**

Site 2 of 3 in cluster CL

Relative:
 Lower

Actual:
 10 ft.

UST:
 Facility ID: 8914
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: DIESEL
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 8914
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: REGULAR
 Substance: LEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 8914
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: NO LEAD
 Substance: UNLEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
EPA ID Number

WA ST DNR (Continued) U003028690

CL674 SHULTZ DISTRIBUTING INC MARGINAL WAY RCRIS-SQG 1000369613
South 6851 E MARGINAL WAY S FINDS WAD009492877
1/2-1 SEATTLE, WA 98108 UST
4426 ft.

Relative: Lower
Actual: 10 ft.

Site 3 of 3 in cluster CL

RCRIS:
Owner: SHULTZ DISTRIBUTING INC
(206) 682-8427
EPA ID: WAD009492877
Contact: JIM HENGLER
(206) 682-8427

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Biennial Reporting System (BRS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

UST:
Facility ID: 1391
Install Date: 12/31/1964 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 1
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

CN675 BURKE CO RCRIS-SQG 1000268204
North 4201 AIRPORT WAY S FINDS WAD027415942
1/2-1 SEATTLE, WA 98108
4428 ft.

Relative: Higher
Actual: 26 ft.

Site 3 of 5 in cluster CN

RCRIS:
Owner: BURKE CO
(360) 555-1212
EPA ID: WAD027415942
Contact: TOM MIHOULIDES
(206) 624-4656

Classification: Small Quantity Generator
TSDF Activities: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BURKE CO (Continued)

1000268204

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	11/21/1986
Actual Date Achieved Compliance:	07/04/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/17/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	11/21/1986
Actual Date Achieved Compliance:	07/04/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/17/1987
Penalty Type:	Not reported

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

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940704
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940704

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

CN676
 North
 1/2-1
 4428 ft.

SEATTLE CITY TRANSPORTATION DEPT
4200 AIRPORT WAY S
SEATTLE, WA 98108

RCRIS-SQG 1000697120
FINDS WAD988508156

Site 4 of 5 in cluster CN

Relative:
 Higher

Actual:
 26 ft.

RCRIS:
 Owner: SEATTLE CITY
 (206) 684-5000
 EPA ID: WAD988508156
 Contact: STEVE FELLER
 (206) 386-1203

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated:	-170(1)(a) / -070
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	06/14/2001
Actual Date Achieved Compliance:	01/30/2002
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/26/2001
Penalty Type:	Not reported
Regulation Violated:	145(3)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	06/29/1998
Actual Date Achieved Compliance:	10/20/1998

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SEATTLE CITY TRANSPORTATION DEPT (Continued)

1000697120

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 09/10/1998
 Penalty Type: Not reported

Regulation Violated: 200(1)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 08/25/1993
 Actual Date Achieved Compliance: 03/21/1994

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 09/10/1998
 Penalty Type: Not reported

Regulation Violated: 200(1)(b) & REF 630
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 08/25/1993
 Actual Date Achieved Compliance: 03/21/1994

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 09/10/1998
 Penalty Type: Not reported

Regulation Violated: 210(1)(2)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 08/25/1993
 Actual Date Achieved Compliance: 03/21/1994

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 09/10/1998
 Penalty Type: Not reported

There are 5 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20020130
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19981020
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19940321
	GENERATOR-GENERAL REQUIREMENTS	19940321
	GENERATOR-GENERAL REQUIREMENTS	19940321

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Biennial Reporting System (BRS)
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

677 JOHN PERINE CO
 North 820 S ADAMS ST
 1/2-1 SEATTLE, WA 98108
 4436 ft.

RCRIS-SQG 1004793316
 FINDS WA0001022540

Relative:
 Higher

Actual:
 30 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

JOHN PERINE CO (Continued)

1004793316

RCRIS:

Owner: JOHN PERINE CO
(360) 555-1212
EPA ID: WA0001022540
Contact: RONALD STERLINGTON
(206) 682-9755
Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

CN678 THE BURKE COMPANY
North 4201 AIRPORT WAY S/ PO BOX 80606
1/2-1 SEATTLE, WA 98108
4486 ft.

LUST U003027833
UST N/A

Site 5 of 5 in cluster CN

Relative:
Higher

Actual:
27 ft.

LUST:

Facility ID: 6616 Ecology Region: NWRO
Release ID: 1207 Release Date: 02/17/89
Release Status: Cleanup Started Status Date: 2/17/89
Alternate Name: WASHINGTON BELT
Lat/Lon 47.56553 / 122.323756
Affected Media: Soil

Facility ID: 6616 Ecology Region: NWRO
Release ID: 1207 Release Date: 02/17/89
Release Status: Reported Cleaned Up Status Date: 6/1/95
Alternate Name: WASHINGTON BELT
Lat/Lon 47.56553 / 122.323756
Affected Media: Soil

UST:

Facility ID: 6616
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

CO679 V VAN DYKE INC
SSW 150 S RIVER ST
1/2-1 SEATTLE, WA 98108
4559 ft.

RCRIS-SQG 1004794532
FINDS WAD988516779

Site 1 of 4 in cluster CO

Relative:
Lower

Actual:
10 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

V VAN DYKE INC (Continued)

1004794532

RCRIS:

Owner: V VAN DYKE INC
 (206) 762-2222
 EPA ID: WAD988516779
 Contact: DOUGLAS BUSS
 (206) 762-2222

Classification: Conditionally Exempt Small Quantity Generator
 TSD Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

CP680 6701 FOX AVE
 SSW 6701 FOX AVE
 1/2-1 SEATTLE, WA
 4584 ft.

ERNS 96472641
 N/A

Site 1 of 9 in cluster CP

Relative:
 Lower

Actual:
 7 ft.

CP681 6701 FOX AVE SOUTH
 SSW 6701 FOX AVE SOUTH
 1/2-1 SEATTLE, WA 98108
 4584 ft.

ERNS 2002596237
 N/A

Site 2 of 9 in cluster CP

Relative:
 Lower

Actual:
 7 ft.

CP682 6701 FOX AV S
 SSW 6701 FOX AV S
 1/2-1 SEATTLE, WA
 4584 ft.

ERNS 8855915
 N/A

Site 3 of 9 in cluster CP

Relative:
 Lower

Actual:
 7 ft.

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
CP683 SSW 1/2-1 4584 ft.	6701 FOX AVE SO SEATTLE, WA Site 4 of 9 in cluster CP Relative: Lower Actual: 7 ft.	SPILLS	S105391034 N/A
	WA SPILL: Facility ID: 507660 Material Desc : PETROLEUM - HYDRAULIC OIL Medium: SURFACE WATER-FRESH Material Qty: 1 Material Units: QUART Business Name: UNKNOWN IPRP Last Name: Not reported Date Received: Not reported		
CP684 SSW 1/2-1 4584 ft.	6701 FOX AVE SOUTH 6701 FOX AVE SOUTH SEATTLE, WA 98108 Site 5 of 9 in cluster CP Relative: Lower Actual: 7 ft.	ERNS	99648574 N/A
CP685 SSW 1/2-1 4584 ft.	NORTHLAND SERVICES INC 6701 FOX AVE. SO. SEATTLE, WA 98108 Site 6 of 9 in cluster CP Relative: Lower Actual: 7 ft.	UST	U001126709 N/A
	UST: Facility ID: 11256 Install Date: 12/31/1964 00:00:00 Capacity: Not reported Status: Removed Tank Name: 3 Substance: Not reported Compartment #: 1 Ecology Region: North Western Facility ID: 11256 Install Date: 12/31/1964 00:00:00 Capacity: 111 to 1,100 Gallons Status: Removed Tank Name: 1 Substance: LEADED GASOLINE Compartment #: 1 Ecology Region: North Western		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

NORTHLAND SERVICES INC (Continued)

U001126709

Facility ID: 11256
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 to 1,100 Gallons
 Status: Exempt
 Tank Name: 2
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

CP686
 SSW
 1/2-1
 4584 ft.

**6701 FOX AVE SOUTH
 SEATTLE, WA**

**SPILLS S105400740
 N/A**

Site 7 of 9 in cluster CP

Relative:
 Lower

WA SPILL:
 Facility ID: 524941
 Material Desc: PETROLEUM - FUEL OIL
 Medium: SURFACE WATER-FRESH
 Material Qty: 10
 Material Units: GALLON
 Business Name: ALASKA MARINE LINES
 IPRP Last Name: Not reported
 Date Received: Not reported

Actual:
 7 ft.

CP687
 SSW
 1/2-1
 4584 ft.

**6701 FOX AVE SOUTH
 6701 FOX AVE SOUTH
 SEATTLE, WA 98107**

**ERNS 96472642
 N/A**

Site 8 of 9 in cluster CP

Relative:
 Lower

Actual:
 7 ft.

CP688
 SSW
 1/2-1
 4584 ft.

**NORTHLAND SERVICES INC FOX AVE
 6701 FOX AVE S
 SEATTLE, WA 98108**

**RCRIS-SQG 1000399534
 FINDS WAD980977128**

Site 9 of 9 in cluster CP

Relative:
 Lower

RCRIS:
 Owner: NORTHLAND SVCS INC
 (206) 763-3000
 EPA ID: WAD980977128
 Contact: JOHN STETSON
 (206) 763-3000

 Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

Actual:
 7 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

NORTHLAND SERVICES INC FOX AVE (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000399534

Violation Status: Violations exist

Regulation Violated:	-240(6)(e) / -330(1-3)
Area of Violation:	GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined:	02/21/2002
Actual Date Achieved Compliance:	05/01/2002
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/21/2002
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined:	05/02/1989
Actual Date Achieved Compliance:	07/04/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/24/1989
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/28/1989
Actual Date Achieved Compliance:	07/04/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/24/1989
Penalty Type:	Not reported

There are 3 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-RECORDKEEPING REQUIREMENTS	20020501
Compliance Evaluation Inspection	GENERATOR-LAND BAN REQUIREMENTS	19940704
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19940704

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)
 Toxic Chemical Release Inventory System (TRIS)

689
 SW
 1/2-1
 4588 ft.

**1ST AVE SOUTH & SOUTH MICHIGAN ST
 1ST AVE SOUTH & SOUTH MICHIGAN ST
 SEATTLE, WA**

**ERNS 99645532
 N/A**

Relative:
 Higher

Actual:
 19 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

CO690
 SSW
 1/2-1
 4589 ft.

V. VAN DYKE INC.
 150 S. RIVER ST.
 SEATTLE, WA 98108

UST U003604539
 N/A

Site 2 of 4 in cluster CO

Relative:
 Lower

Actual:
 10 ft.

UST:

Facility ID: 12577
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 2
 Substance: UNLEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 12577
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 1
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 12577
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 4
 Substance: USED OIL/WASTE OIL
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 12577
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 3
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

691
 North
 1/2-1
 4591 ft.

RAINIER INDUSTRIES
 620 S INDUSTRIAL WAY
 SEATTLE, WA 98108

RCRIS-SQG 1000223617
 FINDS WAD009484262

Relative:
 Higher

Actual:
 19 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RAINIER INDUSTRIES (Continued)

1000223617

RCRIS:

Owner: SCOTT CAMPBELL
 (425) 251-1800
 EPA ID: WAD009484262
 Contact: TODD FUHS
 (425) 251-1800
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

CQ692
 WNW
 1/2-1
 4596 ft.

US ARMY CORPS OF ENGINEERS
4735 E. MARGINAL WAY S.
SEATTLE, WA 98124

WA ICR S104485321
 N/A

Site 1 of 3 in cluster CQ

Relative:
 Lower

Actual:
 10 ft.

WA ICR:

Date Ecology Received Report:	01/10/2000
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:	98-26
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	01/04/2002
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:	98-44
County Code:	17.00000
Contact:	Not reported
Report Title:	Baseline Ground Water Sampling - December 2001
Date Ecology Received Report:	10/06/1998
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:	98-12
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	05/04/1999

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

US ARMY CORPS OF ENGINEERS (Continued)

S104485321

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: 98-15
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

**CQ693
 WNW
 1/2-1
 4596 ft.**

**USGSA FEDERAL CTR S
 4735 E MARGINAL WAY S
 SEATTLE, WA 98134**

**FTTS 1006455630
 N/A**

Site 2 of 3 in cluster CQ

**Relative:
 Lower**

FTTS Insp:
 Region: 10
 Actual: Inspected Date: 03/12/1991
 10 ft. Insp Number: 199103123124 1
 Violation occurred: Not reported
 Inspector: SMITH
 Investigation Type: Section 6 PCB Federal Conducted
 Facility Function: User
 Investig Reason: Neutral Scheme, Region
 Legislation Code: TSCA

**CQ694
 WNW
 1/2-1
 4596 ft.**

**U S GENERAL SERVICES ADMINISTRATION
 4735 E MARGINAL WAY S
 SEATTLE, WA 98134**

**LUST U000923379
 UST N/A**

Site 3 of 3 in cluster CQ

**Relative:
 Lower**

LUST:
 Facility ID: 10042 Ecology Region: NWRO
 Actual: Release ID: 484435 Release Date: 10/06/98
 10 ft. Release Status: Cleanup Started Status Date: 11/13/98
 Alternate Name: US ARMY CORP ENGINEERS/SEATTLE
 Lat/Lon 47.5596 / 122.34001
 Affected Media: Ground Water

Facility ID: 10042 Ecology Region: NWRO
 Release ID: 484435 Release Date: 10/06/98
 Release Status: Monitoring Status Date: 1/7/00
 Alternate Name: US ARMY CORP ENGINEERS/SEATTLE
 Lat/Lon 47.5596 / 122.34001
 Affected Media: Ground Water

Facility ID: 10042 Ecology Region: NWRO
 Release ID: 484435 Release Date: 10/06/98
 Release Status: Cleanup Started Status Date: 11/13/98
 Alternate Name: US ARMY CORP ENGINEERS/SEATTLE
 Lat/Lon 47.5596 / 122.34001
 Affected Media: Soil

Facility ID: 10042 Ecology Region: NWRO
 Release ID: 484435 Release Date: 10/06/98
 Release Status: Monitoring Status Date: 1/7/00

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

U S GENERAL SERVICES ADMINISTRATION (Continued)

U000923379

Alternate Name: US ARMY CORP ENGINEERS/SEATTLE
Lat/Lon 47.5596 / 122.34001
Affected Media: Soil

UST:

Facility ID: 10042
Install Date: 12/31/1964 00:00:00
Capacity: 111 TO 1,000 GALLONS
Status: Closed in Place
Tank Name: T6
Substance: HEATING FUEL
Compartment #: 2
Ecology Region: North Western

Facility ID: 10042
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: T7
Substance: USED OIL/WASTE OIL
Compartment #: 2
Ecology Region: North Western

Facility ID: 10042
Install Date: 12/31/1964 00:00:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Removed
Tank Name: T8
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 10042
Install Date: 12/31/1964 00:00:00
Capacity: 111 TO 1,000 GALLONS
Status: Removed
Tank Name: T9
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 10042
Install Date: 9/15/1986 00:00:00
Capacity: 1,101 TO 2,000 GALLONS
Status: Removed
Tank Name: 1
Substance: UNLEADED 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

U S GENERAL SERVICES ADMINISTRATION (Continued)

U000923379

Facility ID: 10042
 Install Date: 6/9/1998 00:00:00
 Capacity: 111 TO 1,000 GALLONS
 Status: Operational
 Tank Name: T1
 Substance: DIESEL
 Compartment #: 1
 Ecology Region: North Western

CO695 121 SOUTH RIVER STREET AT THE DOCK
 SSW 121 SOUTH RIVER STREET AT THE DOCK
 1/2-1 SEATTLE, WA
 4616 ft.

ERNS 99627972
 N/A

Site 3 of 4 in cluster CO

Relative:
 Lower

Actual:
 10 ft.

CR696 UPRR DIAGONAL AVE S SPUR
 NW 60 DIAGONAL AVE S
 1/2-1 SEATTLE, WA 98108
 4616 ft.

CSCSL S104918054
 N/A

Site 1 of 2 in cluster CR

Relative:
 Lower

Actual:
 15 ft.

SHWS:
 Facility ID: 5246138
 MTBE Code: Not reported
 Responsible Unit: Northwest Region
 Latitude: 47 32 27.45
 Longitude: 122 18 55.75
 Ecology Site Status relative to the MTCA cleanup process:
 Remedial Action in progress
 Independent Site Status - those sites undergoing an independent cleanup:
 Not reported
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
 Affected Media: Ground 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)
 Arsenic Code: Not reported
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Not reported
 Horizontal Collection Method: 4
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
 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: Not reported
 Dioxin: Not reported
 Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels
 Reactive Wastes: Not reported
 Corrosive Wastes: Not reported