

# **Thompson Phase I and Isaacson Phase I Environmental Site Assessments**

**Report  
Environment, Health, and Safety Assessment /  
Phase I Environmental Site Assessment  
Boeing Thompson Property  
Tukwila, Washington**

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Prepared for

**The Boeing Company  
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# TABLE OF CONTENTS

	<u>Page</u>
LIST OF ABBREVIATIONS AND ACRONYMS	iv
1.0 INTRODUCTION	1-1
1.1 SCOPE OF SERVICES	1-2
2.0 SITE DESCRIPTION AND SETTING	2-1
3.0 SITE GEOLOGY/HYDROGEOLOGY	3-1
4.0 HISTORICAL INFORMATION	4-1
4.1 AERIAL PHOTOGRAPHS	4-1
4.2 TOPOGRAPHIC MAPS	4-3
4.3 FIRE INSURANCE MAPS	4-5
4.4 HISTORICAL CITY DIRECTORIES	4-7
4.5 CHAIN-OF-TITLE DOCUMENTS	4-7
5.0 USER-PROVIDED INFORMATION	5-1
6.0 AGENCY AND CITY RECORDS REVIEW	6-1
6.1 ENVIRONMENTAL DATA RESOURCES, INC.	6-1
6.2 TUKWILA FIRE DEPARTMENT / FIRE MARSHAL	6-5
6.3 SEATTLE-KING COUNTY DEPARTMENT OF PUBLIC HEALTH	6-6
6.4 KING COUNTY ASSESSOR	6-6
6.5 PUGET SOUND REGIONAL ARCHIVES	6-6
6.6 WASHINGTON STATE DEPARTMENT OF ECOLOGY	6-8
7.0 PREVIOUS INVESTIGATIONS	7-1
7.1 BOEING ENVIRONMENT, HEALTH, AND SAFETY FILES	7-1
7.2 BOEING INDUSTRIAL HYGIENE FILES	7-7
7.3 BOEING RADIATION HEALTH PROTECTION	7-7
7.4 BOEING ABATEMENT SERVICES	7-8
8.0 SITE RECONNAISSANCE	8-1
8.1 SUBJECT PROPERTY	8-1
8.2 ADJACENT PROPERTIES	8-3
9.0 INTERVIEWS	9-1
10.0 SUMMARY AND CONCLUSIONS	10-1
10.1 DATA GAPS	10-4
11.0 USE OF THIS REPORT	11-1
11.1 ENVIRONMENTAL PROFESSIONAL STATEMENT	11-2
12.0 REFERENCES	12-1

## LIST OF FIGURES

<u>Figure</u>	<u>Title</u>
1	Vicinity Map
2	Site Plan

## LIST OF TABLES

<u>Table</u>	<u>Title</u>
1	Summary of Environmental Site Assessment Elements
2	Summary of Environment, Health, and Safety Elements
3	Summary of Regulatory Database Search Results
4	Storage Tank Inventory
5	Summary of Chemicals Used
6	Subject Property Checklist
7	Adjacent Properties Checklist

## LIST OF APPENDICES

<u>Appendix</u>	<u>Title</u>
A	Aerial Photographs
B	Historical Topographic Maps and Sanborn Map Report <sup>®</sup>
C	Environmental Data Resources Radius Map with GeoCheck <sup>®</sup> (on CD-ROM)
D	Historical Property Records
E	Figures from Previous Site Investigations
F	Selected Site Photographs
G	Qualifications of Environmental Professionals



## LIST OF ABBREVIATIONS AND ACRONYMS

AAI	All Appropriate Inquiry
ACM	Asbestos-Containing Material
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
BAS	Boeing Abatement Services
BGS	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
CRIS	Chemical Release Inventory System
CSCSL	Confirmed and Suspected Contaminated Sites List
D&SG	Defense and Space Group
Ecology	Washington State Department of Ecology
EDR	Environmental Data Resources, Inc.
EHS	Environment, Health, and Safety
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
FINDS	Facility Index System/Facility Registry System
ft <sup>2</sup>	Square Feet
gal	Gallon
ICR	Independent Cleanup Report
IH	Industrial Hygiene
KCDNR	King County Department of Natural Resources
LQG	Large Quantity Generator of Hazardous Waste
LUST	Leaking Underground Storage Tank
mg/kg	Milligrams per Kilogram
mg/L	Milligrams per Liter
MTCA	Washington State Model Toxics Control Act
NFA	No Further Action
NPL	National Priorities List
PCB	Polychlorinated Biphenyls
ppm	Parts per Million
RAATS	RCRA Administrative Action Taking System
RCRA	Resource Conservation and Recovery Act
RHP	Radiation Health Protection
SQG	Small Quantity Generator of Hazardous Waste
SWPPP	Stormwater Pollution Prevention Plan
µg/L	micrograms per liter
USGS	U.S. Geological Survey
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program
WDNR	Washington Department of Natural Resources
WSDOT	Washington State Department of Transportation

## 1.0 INTRODUCTION

At the request of The Boeing Company (Boeing), Landau Associates conducted a comprehensive Environment, Health, and Safety (EHS) Assessment/Phase I Environmental Site Assessment (ESA) for the approximately 19.35-acre Thompson property, located at 8811 East Marginal Way South in Tukwila, Washington (subject property; Figure 1). The subject property is currently owned and occupied by Boeing. Manufacturing operations were discontinued at the subject property in December 2007. The subject property is currently used for office and warehouse purposes.

Landau Associates conducted this Phase I ESA in general accordance with the guidelines of the American Society for Testing and Materials (ASTM) as identified in its *Standard Practice for Environmental Site Assessment Process, E 1527-05* (as currently applied in the state of Washington). This standard, while subject to changes (as are all ASTM standards), is recognized as generally meeting the due diligence provisions of the federal statute [Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) 42 USC 9601(35) (B)] and the Washington State Model Toxics Control Act (MTCA; RCW 70.105D.040) at the time this report was prepared. ASTM E 1527-05 satisfies the elements of the U.S. Environmental Protection Agency's (EPA's) All Appropriate Inquiry (AAI) rule. This rule establishes requirements that purchasers must meet to limit their environmental liability under CERCLA and qualify for protections, including the "Bona Fide Prospective Purchaser" and "Contiguous Property Owner" defenses that were added by the amendments to CERCLA passed by Congress in 2002.

The goal of the assessment process outlined in ASTM E 1527-05 is to identify *recognized environmental conditions*, which are defined as the presence or likely presence of any hazardous substances or petroleum products 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 subject property or into the ground, groundwater, or surface water of the subject property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of the appropriate governmental agencies.

The specific elements of the ASTM process are summarized in Table 1 along with where the information can be found in our report or if an element has not been addressed due to limitations/constraints imposed by project-specific conditions. Elements not included in ASTM E 1527-05 (e.g., identification, sampling, and analysis of asbestos, radon, lead paint, lead in drinking water, and/or wetlands; regulatory compliance; cultural and historic resources; indoor air quality, including the

potential presence of mold or other biological contaminants, and vapor intrusion; industrial hygiene; health and safety; ecological resources; and endangered species) were not included in our scope of services for the subject property, except as described below.

The Phase I ESA process is not a means of finding “everything there is to know about a property.” Rather, it is an effort to evaluate the environmental liabilities associated with a property based on reasonably available documentation (both oral and written) within the budget, schedule, and project-specific limitations. Sections 2.0 through 10.0 present the information collected during this Phase I ESA. At the request of Boeing, recommendations are provided under separate cover.

## **1.1 SCOPE OF SERVICES**

The complete scope of services, as outlined in our proposal dated December 7, 2007, includes the following:

- A Phase I ESA that meets the requirements of ASTM E 1527-05 and is consistent with EPA standards for AAI under CERCLA Section 101(35)(B)(i)(I), 101(35)(B)(ii) and (iii) and 40 CFR 312.
- An identification, to the extent feasible, of potential current or historical aboveground EHS issues including the known or likely presence of asbestos-containing materials (ACM), lead-based paint, mold, radon, radioactive materials, toxic dusts, polychlorinated biphenyls (PCBs), and other information relevant to the current or historical use or presence of chemicals or other hazardous substances.
- A review of the site’s EHS files and interviews with knowledgeable personnel to determine all material EHS issues. Interviews with Boeing or non-Boeing personnel pertaining to either the subject property or surrounding properties were not conducted without first identifying these individuals to Boeing and obtaining the express permission of Boeing to conduct the interviews.
- A detailed index of the site’s EHS files. Landau Associates provided appropriate staff to index, catalog, and photo or digitally copy the EHS documents provided by Boeing, and prepared a summary of these documents.
- A list of EHS permits that are held in the current property owner’s name that would need to be closed out or transferred to the new owner or operator.
- A report of the Phase I ESA, written in accordance with Appendix X4 of ASTM E 1527-05, which includes all supporting documentation such as the Environmental Data Resources (EDR) report, aerial photographs, and site photographs taken for the Phase I ESA.

The specific elements of the EHS process are summarized in Table 2 along with where the information can be found in our report or if an element has not been addressed due to limitations/constraints imposed by project-specific conditions.

## 2.0 SITE DESCRIPTION AND SETTING

Based on information from King County (King County website 2008), the subject property consists of one parcel (0007400033) totaling 19.35 acres. The subject property is currently owned by Boeing and the use of the property is listed as industrial (light). The subject property is improved with a 316,000 square foot (ft<sup>2</sup>) industrial building (14-01) and several support structures including a boiler house (14-02), two mechanical buildings (14-03 and 14-14), a fire pump house and water tank (14-13), an electrical substation (14-22), two guard shacks (one out of use; unlabeled structure and Building 14-11), a cafeteria (14-15), a restroom/shower facility (14-12), and hazardous waste storage trailers (unlabeled). A site plan is provided as Figure 2.

The subject property is located in an area of industrial properties and is bordered on the north by the Boeing Isaacson site; on the east by East Marginal Way South, followed by hangars and structures associated with King County International Airport/Boeing Field; on the south by Insurance Auto Auctions (formerly Kenworth Truck Company and Paccar); and on the west by the Duwamish Waterway.

The subject property slopes slightly to the west and is at an average elevation of approximately 10 ft above mean sea level. Surface topography in the vicinity of the subject property is generally level and slopes slightly to the west/southwest toward the Duwamish River (USGS 1983).

### 3.0 SITE GEOLOGY/HYDROGEOLOGY

The Duwamish River delta has changed significantly within the past century, with the most notable changes including the mass filling of intertidal marsh areas and the channelization of the Duwamish River. Most of the Duwamish valley marsh area, including the river channel, was filled with material hydraulically dredged to create the Duwamish Waterway. Based on available historical information, including topographic maps, aerial photographs, and Sanborn fire insurance maps, a meander of the Duwamish River formerly flowed in an east-west direction along the northern boundary of the subject property. After channelization of the Duwamish River, a portion of the river channel known as Slip 5 remained on the subject property. The slip was filled in the 1950s and 1960s to support development of the subject property and expansion of the adjacent property to the north.

Based on subsurface explorations completed on and in the area of the subject property, soil conditions at the subject property consist of approximately 6.5 to 17.5 ft of fill overlying native tideflat and river deposits with the thickest layers of fill occurring in the area of the former Slip 5. The fill generally consists of silty sand to sandy gravel. Fill materials within the former Slip 5 area include bricks, wood debris, and slag material (ERM 2002). The native deposits typically consist of fine sand and silty fine sand with silt lenses. The native surficial deposits are characterized by the presence of small in-place roots, wood fragments, and peat, which are indicators of the original ground surface elevation prior to filling. Underlying the silt and silty fine sand is a series of interbedded alluvial sand and silt layers that were deposited within the floodplain of the Duwamish River. Beneath the interbedded alluvial silt and fine sand is a layer of very dark to black, fine to medium sand. This naturally deposited sand is found throughout the Duwamish River valley and was likely deposited from flood waters.

The near-surface groundwater regime within the Duwamish River valley is generally characterized as a shallow, single aquifer system. As noted in Section 2.0, the subject property is located on the eastern bank of the Duwamish Waterway, at approximately 10 ft above mean sea level (USGS 1983). Shallow groundwater (generally less than 10 ft below ground surface) is present throughout the subject property area. Based on topography and groundwater investigations conducted in the area of the subject property by Landau Associates and others, the groundwater gradient is generally to the west-southwest toward the Duwamish Waterway. Based on previous investigations, the groundwater gradient at the subject property is tidally influenced (ERM 2002).

## 4.0 HISTORICAL INFORMATION

A variety of resources was reviewed to develop the history of the subject and adjacent properties in order to assess the potential for environmental impact to the subject property. These resources included the following:

- Aerial photographs (Walker and Associates 1936, 1946, 1956; WSDOT 1961; WDNR 1965, 1970, 1978, 1985; USGS 1990, 2002)
- Topographic maps (USGS 1897, 1909, 1949, 1968, 1973, 1983)
- Fire insurance maps (EDR 1929, 1949, 1966)
- Historical City Directories (Puget Sound Regional Archives 1938, 1943-1944, 1951, 1956, 1961-1962, 1966, 1970, 1975, 1980, 1985, 1989-1990, and, 1994)
- Chain-of-Title documents (First American Title Insurance).

### 4.1 AERIAL PHOTOGRAPHS

Historical aerial photographs were reviewed to help identify prior uses of the subject and adjacent properties that could potentially have resulted in environmental impact to the subject property. Aerial photographs were obtained for review from Walker and Associates, the Washington State Department of Transportation, Washington Department of Natural Resources, and U.S. Geological Survey (USGS). Copies of the aerial photographs are provided in Appendix A, and information from the aerial photograph review is discussed below.

In the 1936 aerial photograph, the Duwamish Waterway is visible to the west of the subject property. The waterway flows approximately south to north. An inlet (Slip 5) is visible running east to west along the northern property boundary in the western two-thirds of the subject property. One large structure is visible in the western portion of the subject property, south of Slip 5, and appears to be a wood mill. Two smaller structures are visible south of the main building and a materials storage area is visible to the east of the buildings. Log booms are visible along the northern and western boundaries of the subject property. A cluster of structures is visible in the eastern portion of the adjacent property to the north (Boeing Isaacson property). On the adjacent property to the south, one large building is visible in the eastern portion of the property. Approximately four smaller structures and a parking lot are visible to the west of the main building. On the adjacent property to the east, across East Marginal Way South, a series of buildings that appear to be industrial or commercial is visible.

In the 1946 aerial photograph, an addition is visible on the eastern side of the main building on the subject property and the log booms, which were observed in the previous photograph, are no longer present. A small structure is visible in the northeastern corner of the subject property. The water level in

Slip 5 appears to be significantly lower and the slip resembles a drainage ditch. Significant changes to the adjacent properties to the south and east were not observed in this photograph. On the adjacent property to the north, one structure is visible in the eastern portion of the property, in the area where a cluster of structures was visible in the previous photograph. A larger industrial building complex is visible farther to the north. Paved runways are visible to the east/northeast of the subject property, across East Marginal Way South.

In the 1956 aerial photograph, significant changes are visible on the subject property and adjacent sites. The western portion of the subject property has been cleared of all structures and appears to be undeveloped. Approximately four small structures are visible in the eastern portion of the subject property. On the adjacent property to the north, the structure previously visible in the eastern portion of the property is present and the facility has expanded to cover most of the site. On the adjacent property to the south, a series of smaller buildings is visible in the western portion of the property, west of the main building that was visible in previous photographs. Parking areas are visible to the north and south of the structures to the east of the subject property, across East Marginal Way South.

In the 1961 aerial photograph, no structures are visible on the subject property. The water level in Slip 5 is higher than in the previous photograph. An addition is visible on the western side of the building located on the adjacent property to the north of the subject property. No changes to the adjacent properties to the south or east of the subject property are visible in this photograph.

In the 1965 aerial photograph, the subject property has no significant changes. The water level in Slip 5 is low and the waterway resembles a drainage ditch. It appears that some filling of Slip 5 has occurred. A parking lot is visible on the southern side of the facility adjacent to the north. Structures are no longer visible east of the subject property, across East Marginal Way South.

Significant changes to the subject property are visible in the 1970 aerial photograph. Slip 5 is no longer visible and the area appears to have been filled. A large building is visible in the eastern two-thirds of the subject property. Two smaller buildings and a circular feature are visible in the western portion of the subject property. The areas surrounding the onsite buildings appear to be paved. No significant changes are visible for the adjacent properties to the north or south of the subject property. Across East Marginal Way South, the adjacent properties consist of parking areas with one small building that appears to be commercial.

In the 1978 aerial photograph, there are no significant changes to the subject property. Structures are visible on the property to the east, across East Marginal Way South. An additional structure is visible in the eastern portion of the adjacent property to the north. No significant changes are visible on the adjacent properties to the south.

In the 1985 aerial photograph, additions are visible on the northern side of the eastern end of the existing industrial building and on the eastern side of a structure located in the northwestern portion of the subject property. On the adjacent property to the north, an addition is visible on the southern side of the western section of the existing building. No significant changes are visible on the adjacent properties to the south or east.

In the 1990 aerial photograph, no significant changes were observed on the subject property. The large industrial building complex previously observed on the adjacent property to the north of the subject property is no longer visible and one small structure is visible in the south-central portion of the property. Additional structures are visible on the properties east of the subject property, across East Marginal Way South. The structures appear to be associated with the runways farther to the east based on the airplane that is visible on part of the property.

In the 2002 aerial photograph, an additional structure is visible in the southeastern corner of the subject property. No significant changes are visible on the adjacent properties.

Overall, the aerial photograph review shows that the subject property was developed prior to 1936. Slip 5 of the Duwamish River was formerly present along the northern boundary of the subject property. The slough ran east to west in the western two-thirds of the subject property and is visible in aerial photographs through 1965. An industrial building complex is visible in the western portion of the subject property, south of the slough, in photographs from 1936 and 1946. Based on the aerial photographs, the subject property was filled and redeveloped between 1965 and 1970 with the current industrial building (Building 14-01) in the eastern two-thirds of the property and smaller support structures in the western portion of the property. The adjacent property to the north of the subject property was developed with a small industrial complex prior to 1936 and was redeveloped with a different structure between 1936 and 1946. The facility was expanded to cover most of the property by 1956 and remained relatively unchanged through 1985. The structures were removed from the property between 1985 and 1990. The adjacent property to the south of the subject property was developed prior to 1936 and the facility was expanded between 1946 and 1956. The property to the east of the subject property, across East Marginal Way South, was developed prior to 1936. Structures were removed from the property between 1956 and 1965 and the property was redeveloped between 1965 and 1970. The structures on this property appear to be associated with an airport, which was developed to the northeast of the subject property, across East Marginal Way South, between 1936 and 1946.

## **4.2 TOPOGRAPHIC MAPS**

Landau Associates reviewed the U.S. Geological Survey (USGS) 15-minute series Seattle, Washington Quadrangle topographic maps for the years 1897 and 1909, and the 7.5-minute series Seattle,



Washington Quadrangle topographic maps for the years 1949, 1968, 1973, and 1983. The findings of the map review are discussed below. Copies of the topographic maps are provided in Appendix B.

The 1897 and 1909 maps show the subject and adjacent properties prior to the channelization of the Duwamish River. The area of the subject property is developed with streets and small structures (likely residential); however, due to the scale of the map, individual property characteristics cannot be identified.

Significant changes to the area surrounding the subject property are shown on the 1949 map. The Duwamish River has been straightened and channelized, and significant development is shown in the surrounding area. The Duwamish Slough (Slip 5) is shown oriented east to west along the northern boundary of the subject property. One large structure and a small structure labeled “tank” are shown on the subject property. The tank is shown near the center of the southern property boundary. Structures are shown on each of the adjacent properties. Paved landing strips are shown to the east of the subject property, across East Marginal Way South and the area is labeled Boeing Field.

On the 1968 map, the structures previously shown on the subject property are no longer present. One large structure is shown in the eastern portion of the subject property and two smaller structures are shown along the western property boundary. Slip 5 is no longer shown on the subject property, which indicates that filling has occurred. Significant development is shown in the surrounding area, including the properties adjacent to the north and south of the subject property. One large structure is shown to the north of the subject property. To the south of the subject property, a series of medium to large structures is shown.

Three additional small structures are shown in the western portion of the subject property on the 1973 map. One small structure is shown in the northeastern corner of the subject property on the 1983 map. Significant changes to the adjacent properties were not shown on the 1973 or 1983 map, except that the landing strips shown on the adjacent property to the east, across East Marginal Way South, are labeled King County International Airport on the 1983 map.

In summary, the topographic maps show that the subject property and the surrounding area were originally part of the Duwamish River valley prior to channelization of the river, which occurred between 1909 and 1949. Slip 5 of the Duwamish River is shown oriented east to west along the northern boundary of the subject property in the 1949 map and is not shown in the 1968 or subsequent maps, which indicates that filling has occurred on the subject property. One structure is shown on the subject property on the 1949 map, but the building is a different shape and in a different location on subsequent maps. The adjacent properties to the north and south of the subject property were developed prior to 1949. Boeing Field was developed to the east of the subject property prior to 1949 and significant development occurred in the area of the subject property between 1949 and 1968.

### 4.3 FIRE INSURANCE MAPS

Landau Associates reviewed Sanborn Fire Insurance maps of the subject property for the years 1929, 1949, and 1966. Copies of the Sanborn maps are provided in Appendix B and the findings of the map review are discussed below.

On the 1929 map, the Duwamish River Slough is shown along the northern boundary of the subject property and extends east across approximately two-thirds of the subject property. The subject property is labeled Bissell Lumber Co. A series of buildings is shown in the western portion of the subject property, south of the Duwamish River Slough. The buildings shown on the property include a saw mill, wood bin, steam pump building (indicating steam heat), transformer house, blacksmith building, and a building containing four unidentified storage tanks. A waste burner is shown along the western boundary of the subject property. An office is shown in the northeastern corner of the subject property.

The adjacent property to the north is shown occupied by two businesses, the Duwamish Lumber Co. to the north of the Duwamish Slough and Tye Lumber Co. to the east of the Duwamish Slough. An office and storage building are shown in the northeastern portion of the property and are labeled as being associated with the Duwamish Lumber Company. A series of buildings is shown in the southeastern portion of the property, associated with the Tye Lumber Company. The buildings are labeled as two small parking garages, a planing mill, dry kilns, sawing, and a shavings bin. An unidentified storage tank is shown next to the dry kilns building. A note on the map indicates that this facility uses steam heat. On the western side of the property, there is a series of buildings associated with the Duwamish Lumber Company. Building labels include saw mill, lunch room, engine room, blacksmith, lumber storage, and a dwelling. An unidentified tank and pump are shown to the west of the engine room. A waste burner is shown along the Duwamish Slough. A note on the map indicates that this facility uses steam heat.

The adjacent property across East Marginal Way is labeled The Prestolite Co. Two storage buildings, an office warehouse building, a shed containing carbide drums, and an acetylene generator building are shown on this property. A note on the map indicates that this facility uses steam heat.

The adjacent property to the south is labeled Fisher Body Corporation. A large building labeled as a veneer factory is shown in the eastern portion of the property. Smaller buildings labeled engine room, switch room, and pump house are shown to the west of the main building as well as a concrete sump, and an elevated water tank.

On the 1949 map, there are no significant changes to the subject property. An elevated water tank and wood bin have been added. On the adjacent property to the north, the lumber mills that were previously shown are no longer present. The eastern portion of the adjacent property to the north is labeled as a scrap iron yard. A tractor repair and welding building, two tractor sheds, a general storage shed, a tractor parts warehouse, and an office building are shown in this area of the property. A

galvanizing plant, two general warehouse buildings, and paint shop are shown in the northeastern portion of the property. Isaacson Iron Works is shown north of the adjacent property to the north. The structures located on the adjacent property to the north appear to be associated with the Isaacson Iron Works facility. There are no significant changes to the structures on the adjacent property to the east; however, the property is labeled as the Linde Air Products Co. North of the property to the east of the subject property, across East Marginal Way South, a series of parking structures as well as an airplane repair and painting building and airplane storage building are shown. The adjacent property to the south of the subject property is labeled Kenworth Motor Truck Corp. Interior labels on the main building include paint spraying, parts storage, and tool room. Two 11,500-gallon (gal) fuel oil tanks are shown near the northwestern corner of the main building and a 50-ft tall steel hog fuel tank is shown to the west of the engine house. The storage structures are shown in the western portion of the property.

Significant changes to the subject property were identified on the map from 1966. The Duwamish River Slough is no longer shown on the subject property, which indicates that filling has occurred. There are no structures shown on the subject property and the subject property is labeled as Boeing. The adjacent property to the north is labeled as Isaacson Structural Co. Galvanizing Plant. The galvanizing plant, which was shown on the 1949 map, is shown in the northeastern corner of the property and a large industrial building that covers nearly all of the property is also shown. The adjacent property to the south is labeled Kenworth Motor Truck Corp. and additional structures are shown in the western portion of the property. The labels on the structures include warehouse, service and repair shop, paint spraying, paint storage, sewer pump, and plastic body manufacturing. The hog fuel tank is no longer shown. No structures are shown on the property to the east of the subject property, across East Marginal Way South. The property is labeled as a parking lot.

In summary, the Sanborn maps show the subject property developed with a lumber mill in 1929 and 1949. During this time, the Duwamish River Slough was located along the northern boundary of the subject property and extended east from the Duwamish River across approximately two-thirds of the subject property. In 1966, no structures were shown on the subject property and the Duwamish River Slough was no longer present along the northern property boundary, which indicates that filling occurred between 1949 and 1966. Adjacent properties are shown as predominantly industrial from 1929 through 1966. The adjacent property to the north was originally developed as a planing mill and was later occupied by Isaacson Steel. The adjacent property to the south was occupied by Fisher Body Corporation in 1929 and by Kenworth Motor Truck Corp. in 1949 and 1966. The property to the east of the subject property, across East Marginal Way South, was occupied by Prestolite in 1929, by Linde Air Products in 1949, and by a parking lot in 1966.

#### **4.4 HISTORICAL CITY DIRECTORIES**

Landau Associates reviewed Polk City Directories at the Puget Sound Regional Archives for the years 1938, 1943-44, 1951, 1956, 1961-1962, 1966, 1970, 1975, 1980, 1985, 1989-1990, and 1994. The subject property (address 8811 East Marginal Way South) is not listed in any of the directories from 1938 to 1994. The adjacent properties are listed in directories from 1943 through 1994. Three of the adjacent properties are listed in 1943. Harolds Close in Camp is listed at 8650 East Marginal Way, Bissell Lumber Co. is listed at Slip 5, and Isaacson Iron Works is listed at 8531 East Marginal Way. In the 1951 directory, Isaacson Iron Works is listed at 8531 East Marginal Way, Linde Air Products (acetylene plant) is listed at 8900 East Marginal Way, and Kenworth Motor Co. is listed at 8801 East Marginal Way. In the 1956 directory, Isaacson Iron Works is listed at 8531 East Marginal Way. From 1961 to 1994, three addresses were listed in the vicinity of the subject property on East Marginal Way: 8801, 8620, and 8531 East Marginal Way. Isaacson Iron Wks Steel Fabrication was listed at 8531 East Marginal Way in the 1961 directory. The listing for this address changed to Jorgensen Earle M Steel Co. in 1966 and remained so through the 1994 directory. Kenworth Motor Co. is listed at 8801 East Marginal Way from 1961 through 1994. Pacific Northwest Bell Telephone Co. is listed at 8620 East Marginal Way in directories from 1966 to 1970. The listing at this address changed to Isaacson Structural Steel Co. from 1975 to 1980. In directories from 1985 to 1994, The Boeing Co. is listed at this address.

In summary, the city directories indicate that the area surrounding the subject property has been in industrial/commercial use since prior to 1943.

#### **4.5 CHAIN-OF-TITLE DOCUMENTS**

First American Title Insurance was retained by Landau Associates to conduct a chain-of-title search for the subject property. Copies of recorded documents were obtained as part of the title search. Records indicate the following property transfers have been recorded for the subject property:

- 1952: Property transferred from Bissell Lumber Company to Seattle Trust and Savings Bank.
- 1953: Property leased by Seattle Trust and Savings Bank and Charles Thompson to St. Johns Moto Express. Documents indicate that the lease included a rail spur track and office building.
- 1956: Property transferred from King County Commercial Waterway District No. 1 to Associated Warehouse Company et al. and Isaacson Iron Works. This document may refer to the portion of the subject property formerly occupied by Slip 5.
- 1956: Property transferred from Seattle Trust and Savings Bank and Charles Thompson to Parr Seattle Company. Documents indicate that the sale includes the abandoned bed of the Duwamish River and references an existing lease to Consolidated Freightways.

- 1956: Property transferred from Parr Seattle Company to Boeing Airplane Company. Documents reference an existing lease to Consolidated Freightways.

In summary, the title documents indicate that the subject property has been owned by Boeing since 1956 and was previously owned by Bissell Lumber Company and leased to Consolidated Freightways. The chain-of-title documents do not show the full history of ownership of the subject property.

## 5.0 USER-PROVIDED INFORMATION

Landau Associates requested that Boeing provide any information due to actual or specialized knowledge or experience regarding the subject property that is or could be relevant to *recognized environmental conditions*. Boeing provided access to files regarding the history of the subject property and previous environmental investigations that have been completed at the subject property. Based on the results of previous investigations, Boeing is aware that there is the potential for soil and groundwater contamination to be present on the subject property. Boeing did not provide any information regarding the purchase price of the subject property as compared to fair market value.

## **6.0 AGENCY AND CITY RECORDS REVIEW**

### **6.1 ENVIRONMENTAL DATA RESOURCES, INC.**

EDR was subcontracted to conduct a search (as prescribed by ASTM) of U.S. Environmental Protection Agency (EPA) and Washington State Department of Ecology (Ecology) environmental databases that contain information regarding environmental conditions at and near the subject property. The search focused on information in the various lists maintained by the agencies of sites with known and potential environmental conditions that may represent a threat to human health and the environment. EDR conducted its search of listed information (which is keyed to a geographic mapping system) using the location of the subject property, and identified sites listed in the databases that are located within up to a 1-mile radius of the subject property boundaries. EDR then compiled the information into a summary report that identifies sites of potential environmental concern within the prescribed radii. The complete EDR report is provided in Appendix C (on CD-ROM).

Due to the nature of contaminant migration in groundwater, only sites located hydraulically upgradient of the subject property or sites that are higher than or at the same elevation as the subject property with activities that may affect groundwater are assumed to have the potential to environmentally impact the subject property. As discussed in Section 3.0, the predominant local groundwater flow is to the west-southwest, toward the Duwamish Waterway; therefore, sites located to the east-northeast would be considered potentially upgradient of the subject property. However, given that the direction of groundwater flow is tidally influenced, properties located to the southeast of the subject property are also considered to be potentially upgradient of the subject property. Properties adjacent to the subject property are also considered to have the potential to impact soil and groundwater at the subject property due to their proximity. Table 3 provides a summary of the regulatory database search results. Some properties are listed in Table 3 more than once because they may be listed in more than one database.

The focus of this section is to identify the sites that are listed in the EDR report that have the potential to environmentally impact the subject property. The most direct pathway is via groundwater. Groundwater contamination could potentially migrate downgradient from an upgradient source. Therefore, sites that are located upgradient of the subject property that also have a history of groundwater contamination have the potential to impact the subject property. The potential for groundwater contaminants from a neighboring site to migrate to the subject property is greatly affected by the distance between the site and the subject property, and the hydrogeological conditions in the immediate area of the site. The likelihood of groundwater contamination originating from a site more than ¼ mile away from the subject property is considered to be very low.

Eighty-one (81) listings were identified in the EDR database search. Of the identified listings, 53 are located more than ¼ mile away from the subject property. The potential for impact to the subject property from these sites is considered to be very low. Of the remaining 28 sites, 11 are hydraulically downgradient or crossgradient and not adjacent to the subject property. The potential for impact to the subject property from these sites is considered to be very low. Of the remaining 17 listings the subject property was listed 2 times and multiple listings shared the same address. Therefore, 11 sites are discussed below.

**Boeing Thompson (subject property).** The subject property is listed at an address of 8701 East Marginal Way South. Boeing Thompson is listed twice in the EDR report on the Resource Conservation and Recovery Act (RCRA) database as a large quantity generator (LQG) of hazardous waste, and on the Facility Index System/Facility Registry System (FINDS), Leaking Underground Storage Tank (LUST), Underground Storage Tank (UST), and Manifest databases. No RCRA violations are listed for this facility. One leaded gasoline UST is listed as removed. The size of the UST was not specified. Two exempt USTs are listed for this facility, one containing heating oil and one containing used oil/waste oil. The heating oil tank capacity is listed as between 20,000 and 29,999 gal; the used oil tank capacity is not specified. A release to soil from a UST was reported on January 1, 1984 (release ID #2557), and reported cleaned up on June 5, 2000. The contents or capacity of the tank is not specified. A review of information in Ecology files regarding the UST and LUST listings was completed. The review indicated that the release occurred on a neighboring property, and is summarized in Section 6.6.

**Boeing Isaacson Thompson.** This site, listed at 8541 East Marginal Way South, includes the subject property and is listed on the RCRA database as a small quantity generator (SQG) of hazardous waste, and on the FINDS, and Confirmed and Suspected Contaminated Sites List (CSCSL) databases. No violations are listed for this facility. Metals have been confirmed to be present in the soil at concentrations greater than the Washington State Model Toxics Control Act (MTCA) cleanup levels and are suspected by Ecology to be present in the groundwater, based on available information. This site is awaiting Site Hazard Assessment by Ecology. The presence of metals in soil and groundwater at concentrations greater than the MTCA cleanup levels at the subject property is a *recognized environmental condition*.

**Lower Duwamish Waterway at River Kilometer 2.5 to 10.8.** The Lower Duwamish Waterway site is listed on the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), FINDS, and National Priorities List (NPL) databases. The sediment within the waterway is contaminated with polychlorinated biphenyls (PCBs), polycyclic aromatic hydrocarbons, mercury and other metals, and phthalates. The contamination is identified as being from multiple sources including boat manufacturing and repair, marina operations, airplane parts manufacturing, metals



fabrication, combined sewer overflows, and more than 100 storm drains that flow into the Duwamish Waterway. Feasibility studies and independent cleanup actions from industries along the waterway are being conducted. The subject property is included in this area.

**Boeing Isaacson Property.** This site is located adjacent to the north of the subject property and is listed in the EDR report three times. This site is listed on the FINDS, CSCSL, Independent Cleanup Report (ICR), and Ecology Voluntary Cleanup Program (VCP) databases. The presence of metals and cyanide have been confirmed at concentrations greater than MTCA cleanup levels in soil and groundwater. Given that this site is located immediately adjacent to the subject property, there is potential for impact to the subject property. The presence of metals and cyanide in soil and groundwater at concentrations greater than the MTCA Method A cleanup levels at the adjacent property to the north is considered a *recognized environmental condition*.

**Jorgensen Forge Corp.** This site is listed twice in the EDR report at 8531 East Marginal Way South, which is north of the subject property, adjacent to the north of the Boeing Isaacson site. Jorgensen Forge Corp. is listed on the RCRA LQG, Toxic Chemical Release Inventory System (TRIS), RCRA Administrative Action Taking System (RAATS), CSCSL, CSCSL No Further Action (NFA), Manifest, ICR, LUST, UST, and Brownfields databases. Based on past investigations, the onsite groundwater is suspected by Ecology to be contaminated with petroleum products, non-halogenated solvents, and PCBs. Impact to groundwater is suspected by Ecology and PCBs, metals, and cyanide have been confirmed in soil at concentrations greater than MTCA soil cleanup levels. The Ecology site status is listed as “ranked and awaiting remedial action.” There are a total of 13 RCRA violations listed for this site. Six of the violations were related to generator-general requirements, two were related to generator-other requirements, two were related to land-ban requirements, two were related to generator-all requirements, and one was related to generator-manifest requirements. These violations resulted in four compliance evaluation inspections and one other evaluation. According to the UST database, three leaded gasoline USTs were removed from this property. A LUST release, which affected the groundwater and soil, occurred at this site and was reported cleaned up in 1999. Given that soil and groundwater contamination have been identified and that this site is located approximately 300 ft from the subject property, there is the potential for impacted groundwater at this site to impact groundwater at the subject property; therefore, this site is considered to be a *recognized environmental condition* for the subject property.

**Kenworth Truck Plant.** This site is located adjacent to the south of the subject property at 8801 East Marginal Way South and is listed twice in the EDR report. This site is listed on the CERCLIS No Further Remedial Action Planned (CERC-NFRAP), RCRA-SQG, FINDS, LUST, CSCSL, ICR, and Manifest databases. Impacts to soil and groundwater have been identified at this property and impacts to sediment and surface water are suspected. The contaminants of concern consist of petroleum products,

phenolic compounds, non-halogenated solvents, halogenated organic compounds, and metals. There are no active USTs listed for this site. A LUST release was reported for the site and cleanup reportedly started in 1999. Ecology received four interim cleanup reports between 1990 and 2000 that identified impact to soil, groundwater, and surface water. The current status of this site is not listed in the EDR report. Three RCRA violations are listed for the property. All three violations were related to generator-all-requirements (oversight) and a compliance evaluation inspection was conducted for each of the three violations. Given that groundwater contamination has been identified and that this site is located adjacent to the subject property, there is the potential for this site to impact the subject property; therefore, this site is considered to be a *recognized environmental condition* for the subject property.

**Peretti Frank.** This site is listed in the EDR report at 9000 East Marginal Way approximately 947 ft southeast of the subject property. This site is listed on the EDR Historical Auto Stations database. The database indicates an automobile service station was at the site in 1935 to 1940. This site is not listed on any of the regulatory databases and there have been no reported releases at this site; therefore, there is a low potential for impact to the subject property.

**Emerald Tool Inc.** This site is located approximately 976 ft southeast of the subject property and is listed on the Hazardous Sites List database with a ranking of 5 (lowest level of concern to Ecology). Given that there have been no reported releases to the groundwater, there is a low potential for this site to impact the subject property.

**Toellner Aug.** This site is located approximately 987 ft southeast of the subject property at 9001 East Marginal Way, and is listed on the EDR Historical Auto Stations database, which indicates an automobile service station was at the site in 1935. This site is not listed on any of the regulatory databases, and there have been no reported releases; therefore, this site is considered to have a low potential to impact the subject property.

**Boeing King County Airport Office Center.** This site is located approximately 995 ft southeast of the subject property at 9010 East Marginal Way South. The property is listed on the RCRA-SQG, and FINDS databases. There are no violations reported for this site. Given that there have been no reported releases to the groundwater, there is a low potential for this site to impact the subject property.

**Boeing Air Traffic Control Tower.** This site is located approximately ¼ mile north of the subject property at 8200 East Marginal Way South. The property is listed on the RCRA-SQG, and FINDS databases. There are no violations reported for this site. Given that there have been no reported releases to groundwater, there is a low potential for this site to impact the subject property.

As is common to database searches keyed into a geographic mapping system, EDR reported that a number of sites were not mappable (in this case, 20) due to incomplete addresses or other identifying information. Based on Landau Associates' review of the EDR report, 19 of the sites were found to be

located outside the respective search radius and are not considered to have the potential to impact the subject property. The address 8801 East Marginal Way South is listed as an orphan site. This site is located adjacent to the south of the subject property and was also identified in the EDR report as Kenworth Trucking. This site is discussed above.

## **6.2 TUKWILA FIRE DEPARTMENT / FIRE MARSHAL**

Landau Associates contacted the Tukwila Fire Department for information regarding fires, hazardous materials, and/or USTs at the subject property. Landau Associates reviewed available files pertaining to inspections and permits for five buildings on the Thompson property. Copies of the fire department records are included in Appendix D and the records are discussed below.

In 1992, an operational permit was issued to Boeing to store, handle, transport, and/or dispense flammable or combustible liquids in cabinets in Building 14-01. The permit was renewed several times, most recently in November 2007. A permit was issued in 1981 to install and maintain two 2,000-gal aboveground storage tanks (ASTs) containing hydraulic fluid. The permit was renewed several times, most recently in November 1985. Permits to remove USTs were issued in 1985 and 2003. No information is provided regarding the size, location, or contents of the USTs. A special permit was issued to Bough Industrial Contractors in 1994 to install or maintain a liquefied petroleum gas container with a capacity of more than 120 gal. The location of the container is not specified.

Permits were issued to Boeing in 1998 to store, handle, transport, and/or dispense flammable or combustible liquids in cabinets in Buildings 14-02 and 14-03. The permits were renewed several times, most recently in January 2006. Records indicate that on January 11, 1990, a 1,000-gal gasoline UST was removed from Building 14-02. On January 9, 2004, Boeing received approval to have a 20,000-gal underground heating oil tank closed in place due to the location and size of the tank. The tank is located west of Building 14-02. The UST was abandoned in place rather than being removed because removal of the tank could have resulted in structural failure to the canopy, footings, and concrete apron surrounding the tank. Removal of the tank also could have damaged a gas main and other surrounding tanks. Additional information regarding USTs at the subject property is included in Section 7.2.

A permit was issued to Boeing in 1993 to install or maintain a liquefied petroleum gas container with a capacity of more than 120 gal water capacity in Building 14-01. The permit was renewed several times, most recently in January 2006.

A permit was issued to Boeing in 1993 to use, store, handle, or sell flammable/combustible liquids in ASTs in Building 14-13. The permit was renewed several times, most recently in July 1998. In 2003, the permit was changed to allow storage in cabinets rather than ASTs.

A miscellaneous permit was issued in April 2003 to construct a 10-ft by 20-ft pad for transfer of diesel fuel from truck to tank. The permit indicates that the pad drains to an oil/water separator. The location of this pad was not specified on the permit.

### **6.3 SEATTLE-KING COUNTY DEPARTMENT OF PUBLIC HEALTH**

Landau Associates contacted the Seattle-King County Department of Public Health regarding potential hazardous materials, public health incidents, and/or former septic systems related to the subject property. Public Health has no records for the subject property; however, the department indicated that the subject property may have been impacted by soil contamination related to the Tacoma Smelter plume and provided references for studies that have been completed in the area of the subject property (Hasuko 2008). Based on a review of the references provided, the subject property is not located in an area where elevated arsenic concentrations were detected in soil (Ecology website 2008).

### **6.4 KING COUNTY ASSESSOR**

Landau Associates reviewed available information regarding the subject property on the King County Assessor's Office website (King County website 2008). The subject property consists of one parcel (0007400033) for a total of 19.35 acres. The address associated with this parcel is 8811 East Marginal Way South, Tukwila, Washington 98108, and The Boeing Company is listed as the taxpayer. The current use of the subject property is listed as light industrial. There are three buildings listed on the subject property. The assembly building (14-01) was built in 1967, is approximately 316,100 square feet (ft<sup>2</sup>), and is heated by hot water. The boiler house building (14-02) was built in 1967, is 3,000 ft<sup>2</sup>, and is not heated. The mechanical building (14-03) was built in 1983, is 5,158 ft<sup>2</sup>, and has electric heat.

### **6.5 PUGET SOUND REGIONAL ARCHIVES**

Historic property tax and building records were reviewed at the Puget Sound Regional Archives, a branch of the Washington State Archives. Copies of the tax records are included in Appendix D and are discussed below.

- A saw mill owned by Newell Bissell Lumber Company was previously located on the subject property. The main building (8801 East Marginal Way) was a 15,400 ft<sup>2</sup>, wood frame building on a concrete pier foundation. The mill was built in 1917. There was no heat source listed for the building. Notes on the tax card indicate that the building was torn down in 1955 and that 10 other structures were associated with the mill.
- An approximately 384 ft<sup>2</sup> office structure (8759 East Marginal Way) was previously located on the subject property and was associated with the Bissell Lumber Company mill. The

structure was built in 1917. The heat source for the structure was listed as “stove.” A note on the tax card from 1938 indicates that the building is not being used and that the mill has been closed down for approximately 2 years. A second note on the card indicates that the subject property was purchased by Boeing in 1956.

- Building 14-01 is an approximately 313,000 ft<sup>2</sup>, pre-cast concrete building with a concrete foundation, which was built in 1967 for assembly of Boeing 737 aircraft. The heat source for the building is listed as hot water. Two elevators are located within the building as well as an overhead crane system. An interior drawing of the building shows an area labeled “paint storage.”
- Building 14-02 is an approximately 3,000 ft<sup>2</sup>, concrete tilt-up building with a concrete foundation, which was built in 1967 and used as a boiler house. No heat source is listed for this building. Records indicate that three tanks are associated with this building: a 500-gal diesel tank, a 1,000-gal gasoline tank, and a 15,000-gal fuel tank.
- A wood frame water tank was built on the subject property by Boeing in 1967. There is no Boeing building number listed for this structure.
- An approximately 330 ft<sup>2</sup>, tilt up concrete building with a concrete foundation was built in 1967 and used as a pump house. No heat source is listed for this building. Based on the description, this is assumed to be Building 14-13.
- An approximately 110 ft<sup>2</sup> guard shack was built in 1967. There is no heat source listed for the building. Records indicate that cemesto, a known asbestos-containing material (ACM), was used in the exterior walls of this structure. There is no Boeing building number listed for this structure; however, based on the description and a photograph of the structure included on the tax record, this appears to be Building 14-11.
- An approximately 63 ft<sup>2</sup> guard shack was built in 1967. There is no heat source listed for the building. Records indicate that cemesto, a known ACM, was used in the exterior walls of this structure. There is no Boeing building number listed for this structure. Based on available information, this building was formerly located to the west of Building 14-01 and was removed prior to 1988.

In summary, historical property tax records show that the subject property was originally developed as a sawmill in 1917. The saw mill operated until the 1930s. The structures associated with the mill were torn down in 1955 and the subject property was purchased by Boeing in 1956. There is potential for impact to soil and groundwater at the subject property associated with the former use of the subject property as a saw mill. Common contaminants of concern at former sawmill sites include petroleum hydrocarbons, wood treatment compounds (including pentachlorophenol and creosote), and polycyclic aromatic hydrocarbons. The subject property was developed with six structures by Boeing in 1967. The main building (14-01) was used for assembly of Boeing 737 aircraft. Petroleum storage tanks were associated with the boiler house (Building 14-02). In addition, records indicate that ACM was used in the construction of two guard shacks. One of these guard shacks was removed. The potential presence

of ACM in the remaining guard shack on the subject property is considered a potential environmental concern.

## **6.6 WASHINGTON STATE DEPARTMENT OF ECOLOGY**

Landau Associates reviewed records on file with Ecology regarding USTs at the subject property.

Records received from Ecology indicate the following:

- LUST release ID #2557 (which was listed for the subject property on the EDR report) is associated with North Boeing Field, located east of the subject property across East Marginal Way South.
- An October 1989 letter from Boeing to Ecology regarding permanent closure of USTs at the subject property indicates that a 1,000-gal gasoline UST (TS-02) was being removed. The letter indicates that the UST was used for refueling vehicles. A tightness test was performed in February 1988 and the tank was certified tight.
- A December 1989 letter from Boeing to Ecology regarding the underground storage tank annual fees indicates that two exempt USTs and one regulated UST were located on the subject property. The letter lists TS-01 as being exempt from registration because it is used to store heating oil, which is consumed on the premises where stored. TS-04 is listed as exempt from registration because it is used to collect potential spills from an oil trap in a storm sewer line. The form lists one regulated UST (TS-02); however, details regarding this tank are not provided in the letter.
- In 1990, Boeing submitted a notice of permanent closure of USTs to Ecology. The document indicates that a 1,000-gal unleaded gasoline UST (TS-02) was removed from the subject property in January 1990. A site assessment was completed after removal of the UST and no contamination was found.
- In 1992, Boeing reported to Ecology a potential release from an oil/water separator oil collection tank, which was located adjacent to Building 14-03, in an area that was formerly used to test the hydraulic systems on 767 aircraft. Boeing personnel found the overflow tank overfilled, indicating the potential that a release had occurred from the tank. Boeing planned to advance two soil borings in the area of the tank in order to determine if a release had occurred. One of the soil borings was to be completed as a monitoring well. The results of this investigation, if it was conducted, were not included in the documents reviewed. This release is discussed further in Section 7.2.

In summary, records on file with Ecology regarding USTs indicate that at least three USTs have been present at the subject property. TS-01 is listed as a heating oil UST. TS-02 is listed as a gasoline UST and was removed in January 1990. TS-04 is listed as being used for spill containment for an oil/water separator. Additional information regarding USTs at the subject property is included in Section 7.2.

## 7.0 PREVIOUS INVESTIGATIONS

Landau Associates completed a review of available files from Boeing EHS, industrial hygiene (IH), radiation health protection (RHP), and abatement services (BAS) departments. An index of the EHS files reviewed is being provided to Boeing under separate cover and the records are summarized in the following sections.

### 7.1 BOEING ENVIRONMENT, HEALTH, AND SAFETY FILES

Landau Associates reviewed EHS files related to historical information, stormwater management, air release permitting, hazardous waste storage and disposal, and previous investigations at the subject property. Historical information obtained from Boeing EHS files is provided in the following sections. Note that Boeing purchased the adjacent property to the north of the subject property (Isaacson) in 1984 to support planned expansion of operations at the subject property. Several investigations were conducted prior to and after Boeing's purchase of the Isaacson property. The investigations were generally conducted on the area including the subject property and Isaacson property. A series of figures summarizing previous investigations is included as Appendix E.

- **1945 Sources of Pollution in the Duwamish Green River Drainage Area:** The Mineralized Cell Wood Preserving Company formerly operated in the vicinity of the subject property, on the northern side of the former Slip 5. The practice of this company involved heating a solution of arsenic and sulfate salts of copper and zinc, and applying the solution to the base of logs under pressure. Storage tanks associated with this operation were reportedly cleaned twice per day and the sludge and remaining chemicals in the tanks were drained directly to the ground surface. The treated logs were shipped by water (Foster 1945).
- **1983 Dames & Moore and Wicks Site Investigations and Remediation:** Site investigations were completed in 1983 by Dames & Moore, as consultant to Boeing, and Wicks, as consultant to Isaacson Steel prior to Boeing's purchase of the Isaacson site. The investigation included collection of soil and groundwater samples from both the subject property and the adjacent property to the north. The investigations identified elevated concentrations of arsenic and other metals (including cadmium, chromium, copper, lead, nickel, and/or zinc) in soil and groundwater on the subject property and the adjacent property to the north. The source of arsenic was not identified in this report. Data indicate that elevated concentrations of metals other than arsenic may be attributable to slag, which was observed within the Slip 5 fill material. Based on the results of the investigations, approximately 500 cubic yards of arsenic-impacted soil were excavated from the courtyard area between Bays 11 and 14 of the Isaacson building (Appendix E; Figure 24). Ecology issued a conditional NFA determination in 1985 (ERM 2002).
- **1985-1987 Groundwater Monitoring:** A groundwater monitoring program was developed and implemented by Landau Associates in 1985 in accordance with the 1985 conditional NFA. Groundwater monitoring was conducted by Landau Associates from 1985 to 1987 both on the subject property and the adjacent property to the north. Arsenic was detected in groundwater at concentrations greater than the applicable cleanup level.

- **1988 Site Investigation and Remediation:** Landau Associates completed a soil and groundwater investigation in 1988 as part of planned construction activities at the subject property. Boeing planned to construct Building 14-09 on the northern side of Building 14-01. A total of 44 soil borings was advanced on the subject property and the adjacent property to the north (Isaacson). Eight of the soil borings were completed as monitoring wells. Arsenic was identified in soil in the north-central portion of the subject property, within the area of former Slip 5, at concentrations up to 44 milligrams per kilogram (mg/kg) in soil from 0 ft to 5 ft below ground surface (BGS), up to 82 mg/kg in soil from 5 ft to 11 ft BGS, and up to 92 mg/kg in soil from 11 ft to 15 ft BGS. Arsenic was detected at concentrations less than 10 mg/kg in soil samples collected outside of former Slip 5. Arsenic was detected in groundwater at the subject property at concentrations up to 1,700 micrograms per liter (µg/L), with the highest detected concentrations occurring in the southwestern portion of the subject property (Landau Associates 1988).

On the Isaacson site, adjacent to the north, arsenic was detected in soil in the northern portion of the site at concentrations up to 2,840 mg/kg in soil from 0 ft to 5 ft BGS, up to 3,500 mg/kg in soil from 5 ft to 11 ft BGS, and up to 511 mg/kg in soil from 11 ft to 15 ft BGS. Arsenic was detected in groundwater at the Isaacson site at a maximum concentration of 15,000 µg/L. Based on the results of the investigation, approximately 4,800 cubic yards of soil were excavated from the courtyard and Bay 13 (Appendix E; Figure 24) of the Isaacson site. Approximately 3,000 cubic yards of soil were transported off site for disposal and the remaining soil was used to backfill the excavation, based on the analytical results (ERM 2002).

- **1989 Construction Issues Report:** A 1989 report by Landau Associates identifies sources of Slip 5 fill materials including waste and slag material from nearby steel manufacturing, spent firebrick from heat-treating furnaces, brick from forging and melt shops, steel scale generated from forging, excavated material from the foundation for Building 14-05 (formerly located on adjacent property to the north), soil and other material excavated for construction of the Seattle-First National Bank Building, and demolition debris (Landau Associates 1989).
- **1989-1990: Storm Drain Construction:** Boeing realigned a storm drain line on the Isaacson site in 1989 and 1990 in preparation for construction of Building 14-09, which was never constructed. Grid sampling was completed along the planned drain alignment and identified 20,000 to 40,000 cubic yards of additional soil that warranted remediation. During realignment of the storm drain, excavated soils with arsenic concentrations greater than 200 mg/kg (the MTCA Method A cleanup level for industrial soil in 1990) were transported off site for disposal. Excavated soil with arsenic concentrations less than 200 mg/kg was used as backfill (ERM 2002).
- **1991 Soil Stabilization:** Between August and November 1991, Boeing completed a soil stabilization project on the Isaacson property. Approximately 35,000 tons of soil were excavated and treated using a chemical and physical stabilization process. Compliance monitoring was conducted during soil excavation. Soil with arsenic concentrations greater than 200 mg/kg was treated. The stabilized soil was placed back in the ground and paved over to prevent stormwater infiltration. The volume of the stabilized soil was greater than the volume of the non-treated soil, which resulted in a mound that extended above the previous site grade. Soil with arsenic concentrations greater than 200 mg/kg remains in some locations along the northern boundary of the excavation. Further excavation was not conducted due to the potential to compromise the storm drain line (ERM 2002).



- **1992–1996 Groundwater Monitoring:** Compliance groundwater monitoring was conducted at the Thompson-Isaacson properties. Five monitoring wells (I-104, I-200, I-203, I-205, and I-206) made up the monitoring network (Appendix E; Figure 26). Data indicate that the downgradient wells (I-104, I-203, and I-205) were in compliance with the chronic ambient water quality criteria for arsenic (190 µg/L). Monitoring well I-206 exceeded the criterion. This well is located at the southwestern corner of the subject property (GeoEngineers 1997).
- **1996 I-206 Supplemental Soil and Groundwater Investigation:** Concentrations of arsenic in well I-206 have historically been significantly higher than the concentrations detected at the remaining monitoring well locations. The detected concentration of dissolved arsenic for well I-206 in April 1996 was 1,800 µg/L compared to concentrations ranging from 2 µg/L to 320 µg/L in the other four wells. In 1996, GeoEngineers advanced six soil borings in the area of monitoring well I-206 in an attempt to identify a source of the arsenic in groundwater at well I-206. A total of 63 soil samples and 6 water samples was collected for analysis. Arsenic concentrations in soil ranged from 0.7 mg/kg to 43 mg/kg. Dissolved arsenic concentrations in groundwater ranged from 66 µg/L to 660 µg/L. The investigation did not identify a source of arsenic impact to groundwater (GeoEngineers 1997).
- **2000 Hydrogeologic Characterization:** Groundwater flow at the subject property is generally west-southwest toward the Duwamish Waterway and semi-radially inward toward the former Slip 5. Tidal effects on groundwater were observed across the subject property with the highest degree of fluctuation observed in the wells and piezometers within 400 ft of the waterway (ERM 2002).
- **2000 Request for No Further Action Determinations:** In 2000, ERM submitted a request to Ecology for a conditional NFA determination for the Isaacson property. Ecology requested additional information on soil and groundwater conditions. In November 2000, ERM submitted separate requests for NFA determinations for soil and groundwater for the Isaacson property. Ecology denied the NFA request and indicated that additional soil characterization and possible remediation may be required. In addition, Ecology indicated that the applicable cleanup level for arsenic at the Isaacson site would be 2.7 µg/L based on the background concentration detected in well I-200. The NFA requests appear to have been made for the Isaacson property and not for the subject property (ERM 2002).
- **2002 Summary of Condition of Soil and Groundwater at the Subject Property:** ERM summarized detections of arsenic in three zones of soil at the subject property, using data from previous investigations conducted from 1984 through 2000. Arsenic concentrations ranged from 2 mg/kg to 14 mg/kg at 0 ft to 5 ft BGS, from 2 mg/kg to 13 mg/kg at 6 ft to 10 ft BGS, from 1.4 mg/kg to 44 mg/kg at 11 ft to 15 ft BGS, and from 2 mg/kg to 393 mg/kg at depths greater than 16 ft BGS. The highest concentrations of arsenic at the subject property were detected in soil samples collected from within the former footprint of Slip 5 during the 1988 site investigation (Appendix E, Figures 27 through 30). The highest detected concentration of arsenic in soil outside of the former Slip 5 was 43 mg/kg.

Concentrations of dissolved arsenic in groundwater ranged from 2.7 µg/L to 1,350 µg/L in samples collected in October 2000. The highest concentration of arsenic was detected at well I-206 located in the southwestern portion of the subject property. Arsenic was detected at a concentration of 2.8 µg/L in a sample collected from a piezometer (PZ-8) located approximately 80 ft west of well I-206 and between I-206 and the Duwamish Waterway. (ERM 2002). As noted above, a 1996 soil and groundwater investigation by GeoEngineers did not identify the source of arsenic impact to groundwater at monitoring well I-206.

- **2007 and 2008 Groundwater Sampling Events:** Groundwater samples were collected from five existing monitoring wells, two existing piezometers, and one seep located at the Thompson-Isaacson properties in September 2007 and June 2008, including two monitoring wells (I-205 and I-206) and one piezometer (PZ-8) located on the subject property. During the 2007 sampling event, dissolved arsenic was detected at concentrations of 28 µg/L (I-205), 720 µg/L (I-206), and 3 µg/L (PZ-8) (Syverson 2007). During the 2008 sampling event, dissolved arsenic was detected at concentrations of 45.9 µg/L (I-205), 690 µg/L (I-206), and 3.6 µg/L (PZ-8) (ARI 2008a,b).

Information reviewed regarding stormwater management permits is as follows:

- In 1995, the King County Department of Metropolitan Services (Metro) issued permit #7599 for discharge into the Metro sewer system. An application for the permit references the use of 1,1,1-trichloroethane, nitrates, fiberglass, steel, aluminum, and hydraulic oil, and also references an oil/water separator, which collects washwater from Building 14-02.
- In 2001, Boeing submitted a request to the King County Department of Natural Resources (KCDNR) to cancel wastewater discharge permit #212. The letter indicates that the aqueous degreaser operation had been discontinued. A 2002 letter from KCDNR to Boeing confirms the cancellation of this permit.
- The subject property operates under Industrial Stormwater General Permit #S03-000148D. The permit was valid through May 31, 2008. Ecology conducted an inspection of the subject property in April 2007. The inspection report indicates that benchmark levels for zinc were exceeded in water samples collected from stormwater discharge points; however, no violations or other concerns were identified. A July 2007 letter from Boeing to Ecology indicated that no specific sources of zinc had been identified at the subject property.
- The stormwater pollution prevention plan (SWPPP) for the subject property indicates that there are 81 catch basins, 23 storm drains, and 2 oil/water separators located on the subject property. Stormwater from the subject property discharges to the Duwamish Waterway via two outfalls. A 48-inch storm line, which receives water from the King County International Airport, located east of the subject property across East Marginal Way South, crosses the subject property and discharges to the Duwamish Waterway via an outfall. The configuration of the 48-inch drain line is shown on Figure 2 in Appendix E. The SWPPP identifies four storage tanks on the subject property: a 20,000-gal diesel UST, which was abandoned in 2003; a 500-gal diesel AST and a 200-gal diesel AST, which are currently active; and a 5,000-gal aqueous wastewater AST, which is inactive.

Information reviewed regarding storage tanks is summarized in Table 4 and includes:

- A 20,000-gal diesel/heating fuel UST (TS-01) is located on the western side of Building 14-02. This UST was abandoned in place in 2003. Two borings were advanced west of the UST to evaluate subsurface soil and groundwater downgradient of the UST. Two rounds of groundwater samples were collected from well points that were installed in the borings. During the first round of groundwater sampling in January 2004, motor oil-range petroleum hydrocarbons were detected in one sample at a concentration of 0.7 mg/L, which slightly exceeded the MTCA Method A cleanup level (0.5 mg/L). Diesel- and motor oil-range petroleum hydrocarbons were not detected in samples collected from either of the two well points in February 2004 at concentrations greater than the laboratory reporting limits. Based on the results of this investigation, it was concluded that substantial leakage from the UST had not occurred (Landau Associates 2004).

- A 1,000-gal gasoline UST (TS-02) was removed from the western side of Building 14-02 in January 1990. Two composite soil samples were collected from the excavation. The samples were analyzed for benzene, toluene, ethylbenzene and xylenes (BTEX). BTEX compounds were detected in one sample at concentrations less than the MTCA Method A soil cleanup levels. Prior to removal of the tank, a tightness test was completed and the tank was determined to be tight. Based on the results of the tightness test and the laboratory analytical results, no further action was taken.
- A 500-gal diesel UST (TS-03) was removed from the western side of Building 14-02 in 1985. The UST served an emergency generator associated with the heating system and was replaced by an AST (TS-57, see below). No information is available regarding the condition of the tank or the surrounding soil at the time of the tank removal.
- A 4,000-gal UST (TS-04) was located in the former hydraulic test pad area east of Building 14-03. The tank is listed as a holding tank for an oil/water separator located in this area (TS-92/SEP-04) and an associated sump (SMPTS1). A release from this system was reported to Ecology in 1992 and is discussed in further detail below. The system, including the sump, holding tank, and oil/water separator, was removed in 1995.
- Two ASTs (BMA-14/TSA14/Tank A and BMA015/TSA-15/Tank B) were formerly located in the western yard of Building 14-01 and were removed in the mid-1990s. The ASTs were each 10,000 gal in capacity and contained wastewater from the downdraft paint system, which formerly operated in the western portion of Building 14-01. The ASTs were installed in 1985. Three sumps were formerly located on the southern side of Building 14-01 (BMA-67/TS-67, BMA-68/TS-68, and BMA-69/TS-69). The sumps collected wastewater via concrete trenches from the downdraft paint system, which was pumped into the ASTs.

An integrity assessment of the tanks and associated trenches, sumps, and piping was completed in 1993 by ENSR. The assessment report indicates that the rinse water within the tank contained acetone, methylene chloride, and methyl isobutyl ketone. Cracks and missing sealant were observed in the surface of the trenches. The trenches were coated with sealant following the assessment. No leaks were detected in the piping or the tanks (ENSR 1993).

- A 5,000-gal AST (BMA-21/TSA-21/Tank C) is located in the western yard of Building 14-01. The AST was installed in 1985 and was originally used to contain waste copper plating solution. This tank was later used for overflow containment for an aqueous degreaser located in the interior of Building 14-01. A 375-gal sump (BMA-26/TS-26) associated with the plating operation is located in the interior of Building 14-01, south of the aqueous degreaser.

An integrity assessment of the tank and associated sump and piping was completed in 1993 by ENSR. The assessment report indicates that the rinse water within the tank contained acetone, methyl ethyl ketone, methylene chloride, and heavy metals. No leaks were detected in the sump, piping, or tank (ENSR 1993).

- An approximately 200-gal diesel AST (BMA-25/TSA-25) is located on the northern side of Building 14-13. This tank was installed in 1965 and fuels an emergency generator associated with the fire protection system.
- Two 3,100-gal hydraulic oil ASTs (BMA 050 and BMA051) were formerly located inside Building 14-03. The ASTs were installed in 1981 and were associated with hydraulic system

testing. The ASTs have been removed; however, no information is available regarding the removal.

- An approximately 500-gal diesel AST (BMA-57/TSA-57) is located on the western side of Building 14-02. This tank serves an emergency generator associated with the heating system and was installed in 1985. This AST replaced UST TS-03.
- An approximately 500-gal propane AST (BMA-064) was located on the western side of Building 14-01. This AST is no longer present and may have been relocated to the western boundary of the subject property. A propane AST was observed along the western property boundary at the time of the site reconnaissance.
- Two oil/water separators (TS-91/SEP-3 and TS-93/SEP-N) are listed at the subject property. The oil/water separators are associated with the stormwater system at the subject property and are located near the western property boundary. All of the stormwater catch basins located on the subject property are routed through an oil/water separator prior to discharge to the Duwamish Waterway.

Information reviewed regarding hazardous waste activities is summarized as follows:

- Boeing provided a spreadsheet summary of hazardous waste activity at the subject property. The spreadsheet indicates that waste streams for the subject property from 1990 to 2007 included halogenated solvents (tetrachloroethene) and non-halogenated solvents (methyl ethyl ketone), petroleum solvents, heavy metals and inorganics (from waste paint, including chromium VI), corrosive waste, and PCB-containing wastes. The subject property is listed as a large quantity generator of hazardous waste under generator ID #WAD980982912 (EPA website 2008).

Information regarding removal of an oil/water separator and associated holding tank at the subject property is as follows:

- In late 1993, approximately 10 inches of petroleum product was observed in a monitoring well in the area of an oil/water separator located on the eastern side of Building 14-03. Based on the results of a soil investigation, which was completed in this area in December 1993, petroleum-impacted soil was identified in the area of the oil/water separator. The estimated volume of impacted soil was 825 cubic yards. The oil/water separator had been used to treat surface runoff from a hydraulic system testing area and was no longer in use in 1993. The oil/water separator system consisted of a 5,000-gal steel oil/water separator and an associated 4,000-gal fiberglass holding tank (TS-04; GeoEngineers 1994).
- The oil/water separator system was removed in August 1995. According to an undated internal Boeing memorandum, approximately 900 tons of petroleum-impacted soil were excavated from the area surrounding the oil/water separator and holding tank. The soil was transported to a treatment facility in Oregon operated by TPS Technologies.
- Daily field reports maintained by Boeing personnel indicate that soil samples were collected from the excavation boundaries; however, the results of sampling were not included in the reviewed files.

Based on available information, control of the subject property was transferred from the Boeing Defense and Space Group (D&SG) to the Boeing Commercial Airplane Group in 1994. The following actions were taken by D&SG in preparation for the transfer (Boeing 1994a):

- Troughs and drain lines associated with the plating system were removed. The floor was cleaned with an acid solution. The sump and storage tank associated with the plating system were drained and rinsed.
- Trenches associated with the washdown system were swept and cleaned. The sumps and storage tanks associated with the system were drained and rinsed.
- Samples of the hydraulic fluid from two elevators located in Building 14-01 were collected and analyzed for PCBs. Hydraulic fluid from the northeastern elevator contained more than 50 parts per million (ppm) of PCBs. The hydraulic fluid was drained from the system and replaced with new fluid (Boeing 1994b).
- Hydraulic tanks located in Building 14-03 were drained and the contents were shipped off site for appropriate disposal.

The reviewed memoranda indicate that soil sampling was not conducted as part of the property transfer. Impacts to soil were not suspected based on a visual assessment of the subject property.

## **7.2 BOEING INDUSTRIAL HYGIENE FILES**

Boeing provided copies of Industrial Hygiene (IH) files regarding the subject property. These files were evaluated as an indicator of chemicals used at the subject property. A list of chemicals identified in the IH files is provided as Table 5. The records indicate that paints, solvents, metals, acids, and petroleum products were used at the subject property.

## **7.3 BOEING RADIATION HEALTH PROTECTION**

Boeing provided copies of Radiation Health Protection (RHP) files for the subject property. The RHP files indicate that equipment containing radioactive materials was formerly used in Building 14-01 and Building 14-03. A static bar containing polonium-210 was used in 1987 and 1988 in Building 14-03. The static bar was transferred to another company in 1988. Wipe samples collected from the area where the equipment was used and stored did not identify residual contamination. Based on the results of the survey, Boeing recommended that the building be released for unrestricted use. A moisture density gauge containing americium-241 was reportedly used in Building 14-01 for 1 day in 1976 and a sealed source of cobalt-60 was used in Building 14-01 in 1981 and 1983. A January 2007 letter from Boeing to the Washington State Department of Health indicates that all radioactive materials have been removed from Building 14-01 and that no spills or leaks were detected while the materials were present on site. The

letter requested that the building be released for unrestricted use. On April 24, 2008, Building 14-01 was released for unrestricted use by the Department of Health (DOH 2008). In summary, radioactive materials are not currently used or stored on the subject property and no documented spills or leaks from radioactive sources have been identified.

#### **7.4 BOEING ABATEMENT SERVICES**

In February 2008, Boeing Abatement Services (BAS) conducted a file review to identify previous asbestos and heavy metal sampling completed at the subject property. Based on the available information, asbestos-containing material (ACM) has been identified at the subject property as follows:

- Building 14-01: ACM was identified in Building 14-01 including equipment brakes, hard fittings on fiberglass pipe runs, building siding, gaskets on pumps and pipe flanges, and roofing material. Fire doors within the building are assumed to contain asbestos. Metals including lead, cadmium, and chromium were detected in samples collected from this building.
- Building 14-02: ACM was identified in Building 14-02 including joint compound associated with the gypsum wallboard and the outer layer of the doors for the building.
- Building 14-03: ACM was not identified in this building; however, only the ceiling tiles were sampled.
- Building 14-11: ACM was identified in roofing materials and in black asphaltic fibers from this building.
- Building 14-13: ACM was not identified in this building; however, only the roofing material was sampled.
- Building 14-14: ACM was identified in samples collected from roofing materials in this building.
- Building 14-15: ACM was not identified in this building.
- Building 14-12 and 14-22: No samples were collected from either of these buildings.

In summary, ACM was positively identified in Buildings 14-01, 14-02, 14-11, and 14-14. Lead, cadmium, and chromium were detected in samples collected from building materials in Building 14-01. The remaining buildings on the subject property were not surveyed for metals.

## 8.0 SITE RECONNAISSANCE

On January 31, 2008, Ms. Kathryn Hartley and Mr. Brett Borgeson of Landau Associates conducted a reconnaissance of the subject and adjacent properties to assess current land use activities and environmental conditions. Landau Associates personnel were accompanied by Ms. Kathryn Lewis and Mr. Raymond Power of Boeing. A follow-up site inspection was completed on April 21, 2008. The reconnaissance was documented with notes and photographs. Observations made during the reconnaissance are discussed below and selected site photographs are provided in Appendix F. Tables 6 and 7 summarize information regarding environmental conditions at the subject and adjacent properties, respectively.

### 8.1 SUBJECT PROPERTY

This section presents information on environmental conditions observed at the subject property during the site reconnaissance. The focus of the reconnaissance was to visually identify conditions that have the potential to cause adverse environmental impacts at the subject property that could pose an environmental liability to a property owner or operator. The results of the site reconnaissance (see Table 6) are summarized below.

- The subject property is approximately 19.35 acres. The subject property is developed with nine buildings, a water tank, a substation and several hazardous waste accumulation trailers. Areas outside the building footprints are either asphalt-paved or covered in concrete.
- Building 14-01 is a large concrete and steel building, which occupies the eastern two-thirds of the subject property. The northern portion of the building consists of a three-story office area. The southern portion of the building consists of an open manufacturing area and warehouse space. The manufacturing area was not in use at the time of the site reconnaissance.
- An aqueous degreaser is located along the western wall of Building 14-01. The degreaser was not in use at the time of the site reconnaissance. A sign on the degreaser indicates that Daraclean 212, a non-hazardous substance, was used in the cleaning solution. Pumps and other equipment associated with the degreaser are located in a separate mechanical room to the south of the degreaser. A sump is located within the mechanical room. Liquid was observed in the sump at the time of the site reconnaissance. Labels on piping and equipment within the mechanical room indicate that the sump is associated with a brush plating system, which formerly operated near the current location of the aqueous degreaser. The sump and associated piping may have been converted for use associated with the aqueous degreaser.
- Areas labeled as hazardous materials collection areas were observed within Building 14-01, including in the area of the degreaser, near the center of the building, and along the northern wall of the center of the building. With the exception of the area along the northern wall of the building, no hazardous materials were observed in these areas during the site reconnaissance. Materials observed along the northern wall included batteries, chromate/

water-based paint waste, sec-butyl alcohol, toluene, and contaminated debris. These materials were stored in 55-gal drums and were being consolidated in this area for disposal. Several of the drums were located on secondary containment systems. There was no evidence of releases from any of the containers.

- Ducting associated with a former small paint booth was observed near the southwestern corner of Building 14-01. Limited paint staining was observed on the surface of the concrete floor in this area.
- Four linear patches were observed in the surface of the concrete floor in the southwestern portion of Building 14-01. The patches are oriented north to south and are approximately 4 ft in length and 18 inches in width. Based on available information, the patches are associated with former trenches that were part of a downdraft system, which is discussed further in Sections 7.2 and 9.0.
- Building 14-02 is the boiler house and is located near the northwestern corner of the subject property. The boiler and associated mechanical equipment are located in this building. A natural gas meter is located near the northwestern corner of the building. Electrical transformers are located along the northern exterior wall of the building and are not labeled as to PCB content.
- Building 14-03 is a concrete block mechanical building and is attached to the eastern side of Building 14-02. Equipment associated with a hydraulic systems test pad located to the east of Building 14-03 is in this building, but was not in use at the time of the site reconnaissance.
- Building 14-14 is a metal and concrete structure located to the west of Building 14-01 that houses condensers and chillers associated with Building 14-01 operations.
- Building 14-13 is a pump house associated with the fire protection system and is located in the southwestern corner of the subject property. A circular wooden water tank is located to the north of the pump house.
- One active and one inactive guard shack (unlabeled structure and Building 14-11 on Figure 2), a restroom/shower unit (Building 14-12), cafeteria (Building 14-15) and substation (Building 14-22) are located along the eastern boundary of the subject property. Dark staining was observed on the gravel surface along the northern side of the substation.
- The portions of the subject property that are outside of the building footprints are asphalt-paved or concrete-covered. A parking area is located to the north of Building 14-01 and equipment staging areas are located in the northern and western portions of the subject property. Stormwater catch basins located in the parking area are connected to oil/water separators, which discharge to the Duwamish Waterway via two outfalls along the western subject property boundary.
- Four ASTs were observed on the subject property. A 5,000-gal AST was observed in the western yard of Building 14-01. The AST is labeled “overflow for the aqueous degreaser” and is located within a covered concrete containment structure, which is closed on two sides. A 550-gal AST containing diesel fuel was observed on the western side of Building 14-02. This AST is associated with an emergency generator. A 240-gal AST containing diesel fuel was observed on the northern side of Building 14-13 and is associated with an emergency generator for the fire protection system. The diesel ASTs are located within covered concrete



containment structures. A propane AST was observed along the western subject property boundary. Evidence of releases from the ASTs was not observed during site reconnaissance.

- A patch was observed in the asphalt on the western side of Building 14-02. Based on available information discussed in Section 7.2, a 20,000-gal UST was abandoned in place in this area, and a 1,000-gal leaded gasoline UST and 500-gal diesel fuel UST were removed from this area.
- The subject property is located in an area of industrial properties. It is bordered on the north by the Boeing Isaacson property followed by Jorgensen Forge Corp., on the south by Insurance Auto Auctions (formerly Kenworth Truck Company and Paccar), on the east by East Marginal Way South, followed by North Boeing Field, and on the west by the Duwamish Waterway.

Based on the site reconnaissance, *recognized environmental conditions* have been identified at the subject property and are summarized in Section 10.0.

## 8.2 ADJACENT PROPERTIES

As part of the site reconnaissance, Landau Associates examined the adjacent properties from the subject property and adjacent public areas. Table 7 presents the results of the checklist for the adjacent properties based on observations made at the time of the site reconnaissance. The adjacent properties are shown on Figure 2. The subject property is located in an area of industrial properties and is bordered on the north by the Boeing Isaacson site followed by Jorgensen Forge Corp., on the south by Insurance Auto Auctions (formerly Kenworth Truck Company and Paccar), on the east by East Marginal Way South, followed by Boeing Field/King County International Airport, and on the west by the Duwamish Waterway.

The adjacent property to the south of the subject property is currently occupied by Insurance Auto Auctions and is approximately 6 ft lower in elevation than the subject property. A large steel building is located in the eastern portion of the site. An elevated water tank is located near the northwestern corner of the building. The western portion of the site is used for storage of damaged vehicles that are processed and sold at auctions, which are held on site. Structures are located along the western boundary of the site. Two pole-mounted electrical transformers were observed near the northwestern corner of the site and three transformers were observed on the ground surface in this area. Labels identifying the PCB content of the transformers, if present, were not visible at the time of the site reconnaissance. Electrical equipment was also observed near the northeastern corner of the site.

The adjacent property to the north of the subject property is owned by Boeing and is known as the Boeing Isaacson site. This site is currently vacant and is entirely covered by asphalt or concrete. An asphalt-paved mound is located along the northern boundary of the site and is the result of a soil

stabilization project that was conducted in 1991 (see Section 7.1). The site is currently used for limited storage of roll-off containers and trucks.

The property located east of the subject property, across East Marginal Way South is occupied by structures associated with King County International Airport/Boeing Field. Pole-mounted electrical transformers were observed along East Marginal Way South. Labels identifying the PCB content of the transformers, if present, were not visible at the time of the site reconnaissance.

## 9.0 INTERVIEWS

Mr. Carl Bach, Boeing Remediation, was interviewed on March 3, 2008. Mr. Bach provided the following information (Bach, C., 2008, personal communication):

- Mr. Bach has been associated with the subject property since approximately 1987.
- Boeing originally developed the subject property for production and assembly of the Boeing 737 airplane. The subject property was later used for the B-2 Bomber program. Composite sections were brought to the subject property for final assembly of the B-2 fuselage.
- A large area of the western portion of Building 14-01 was formerly used for washing and painting of airplane sections. Workers in this area washed various airplane sections with a solution containing methyl isobutyl ketone to prepare the sections for painting. A water washdown system was in place. Wastewater and overspray were washed into one of three concrete trenches, which ran north to south through the painting area. The trenches conveyed the solution to sumps located on the exterior of the southern side of Building 14-01, near the southwestern corner of the building. The waste was pumped from the sumps to two ASTs located in the western yard of Building 41-01 via underground piping. The ASTs were each approximately 10,000 gal in capacity and were located within a covered concrete containment structure.
- An AST containing waste generated from a brush plating system was formerly located in the western yard of Building 14-01. The brush plating system was active in the southwestern portion of Building 14-01 during the B-2 program. Parts were plated for lightning protection. The AST was later used to contain overflow from the aqueous degreaser located in the interior of Building 14-01.
- Mr. Bach indicated that records regarding the former waste tanks from the painting and brush plating operations were available for review at Boeing Plant 2. Additional information regarding the ASTs is presented in Section 3.7.

Mr. Patrick Williams of Seattle City Light was interviewed on July 25, 2008. Mr. Williams provided the following information (Williams, P., 2008, personal communication):

- The electrical substation located in the southeastern portion of the subject property, along East Marginal Way South is owned by Boeing.

## 10.0 SUMMARY AND CONCLUSIONS

Landau Associates has performed a Phase I ESA for the approximately 19.35-acre Boeing Thompson property, located at 8811 East Marginal Way South in Tukwila, Washington, in conformance with the scope and limitations of the ASTM Phase I ESA practice as part of an Environment, Health, and Safety (EHS) assessment for Boeing. The property is currently owned by Boeing and is improved with a 316,000 ft<sup>2</sup> industrial building (14-01) and several support structures including a boiler house (14-02), two mechanical buildings (14-03 and 14-14), a fire pump house and water tank (14-13), an electrical substation (14-22), two guard shacks (one out of use; unlabeled structure and Building 14-11), a cafeteria (14-15), a restroom/shower facility (14-12), and hazardous waste storage trailers (unlabeled). The facility was most recently occupied by the Propulsion Systems Division. Manufacturing operations were ceased at the subject property in 2007 and the property is currently used for office and warehouse space.

This assessment has revealed the following *historical recognized environmental condition*, as defined by ASTM, in connection with the subject property:

- A 1,000-gal gasoline UST has been removed from the western side of Building 14-02 and a 20,000-gal heating oil UST has been closed in place in this area. Soil and groundwater sampling completed in this area following tank decommissioning activities did not identify a release from either of the USTs. The presence and/or former presence of petroleum USTs on the subject property is a *historical recognized environmental condition*.

This assessment has revealed the following *recognized environmental conditions*, as defined by ASTM, in connection with the subject property:

- Arsenic was detected in soil and groundwater at the subject property at concentrations greater than the MTCA cleanup levels during previous investigations. Arsenic was detected in groundwater at the subject property at concentrations ranging from 3.6 µg/L to 690 µg/L during the most recently sampling event in 2008. The highest detected concentration of arsenic in soil at the subject property is 393 mg/L, which was detected in a sample collected in 1988 from within the former location of Slip 5. The presence of arsenic in soil and groundwater from the subject property at concentrations greater than MTCA cleanup levels is a *recognized environmental condition*.
- Based on previous subsurface investigations at the subject property, fill material within the former Slip 5 area includes bricks, wood debris and slag material. Debris within the fill material is a potential source of impact to subsurface soil and groundwater at the subject property. Metals have been detected in the fill material at concentrations greater than the MTCA Method A cleanup levels. The presence of metals at concentrations greater than the MTCA cleanup levels is a *recognized environmental condition*.
- A large area of the western portion of Building 14-01 was formerly used for washing and painting of airplane sections. Workers in this area washed various airplane sections with a solution containing methyl isobutyl ketone to prepare the sections for painting. Wastewater and overspray were washed into one of three concrete trenches, which ran north to south through the painting area. The trenches conveyed the solution to sumps located on the

exterior of the southern side of Building 14-01, near the southwestern corner of the building. The waste was pumped from the sumps to two ASTs located in the western yard of Building 14-01 via underground piping. The potential releases of waste solution to the subsurface soil and groundwater from the washdown system is considered a *recognized environmental condition*.

- Copper brush plating was previously conducted in the southwestern portion of Building 14-01. Waste plating solution was collected in a sump (discussed below) then conveyed to a 5,000-gal AST located in the western yard of Building 14-01 via underground piping. The potential release of waste solution to the subsurface soil and groundwater from the copper plating operation is considered a *recognized environmental condition*.
- An aqueous degreaser is located in the southwestern portion of Building 14-01. The degreaser has been out of use since approximately 2001. A sign on the degreaser indicates that Daraclean 212, a non-hazardous substance, was used in the cleaning solution; however, it is possible that chlorinated solvents were used previously. Pumps and other equipment associated with the degreaser are located in a separate mechanical room to the south of the degreaser. A sump is located within the mechanical room. Liquid was observed in the sump at the time of the site reconnaissance. Labels on piping and equipment within the mechanical room indicate that the sump is associated with a brush plating system that is no longer in operation. The sump and associated piping may have been converted for use associated with the aqueous degreaser. The potential release of degreaser solution to subsurface soil and groundwater is considered a *recognized environmental condition*.
- A 500-gal diesel UST was removed from the western side of Building 14-02. There are no data available regarding the condition of subsurface soil in the area of the 500-gal diesel UST. The former presence of a petroleum UST on the subject property, and the lack of sampling data, is a *recognized environmental condition*.
- A release of hydraulic oil from a holding tank associated with an oil/water separator located in the hydraulic test pad area (eastern yard of Building 14-03) was reported in 1992. The oil/water separator, holding tank, and associated piping were removed in 1995. Approximately 900 tons of petroleum-impacted soil were excavated from the area surrounding the oil/water separator and holding tank; however, there is no information available regarding the condition of subsurface soil and groundwater in the area of the excavation. The release of petroleum hydrocarbons to the subsurface soil, and the lack of confirmation sampling data, is a *recognized environmental condition*.
- Dark staining was observed on the gravel surface along the northern wall of the electrical substation (Building 14-22) located at the southeastern corner of the subject property, which may be indicative of a release of petroleum from the substation. The potential release of petroleum from the substation is a *recognized environmental condition*.

The following additional *recognized environmental conditions* were identified associated with the adjacent or surrounding properties:

- Impacts to soil and groundwater have been identified at the former Kenworth Truck Company property located adjacent to the south of the subject property. Impacts to sediment and surface water are also suspected by Ecology to be present. The contaminants of concern consist of petroleum products, phenolic compounds, non-halogenated solvents, halogenated organic compounds, and metals. The current status of this site is not known. The potential

exists for this site to impact the subject property and is considered a *recognized environmental condition*.

- Arsenic has been detected in soil and groundwater at concentrations greater than the applicable MTCA cleanup levels at the Boeing Isaacson site, located adjacent to the north of the subject property. Remedial activities, including excavation and soil stabilization, have been conducted at this site; however, based on available information, soil containing concentrations of arsenic greater than the cleanup level has been left in place and may be acting as a continual source of arsenic to groundwater. The potential for this site to impact the subject property is a *recognized environmental condition*.
- Historical records indicate that the Mineralized Cell Wood Preserving Company formerly operated in the vicinity of the subject property, on the northern side of the former Slip 5. The practice of this company involved heating a solution of arsenic and sulfate salts of copper and zinc, and applying the solution to the base of logs under pressure. Storage tanks associated with this operation were reportedly cleaned twice per day and sludge and remaining chemicals in the tanks were drained directly to the ground surface. The release of arsenic and metals to the ground surface is a *recognized environmental condition*.

Other findings of our investigations include:

- ACM was positively identified in Buildings 14-01, 14-03, 14-11, and 14-14. Lead, cadmium, and chromium were detected in samples collected from building materials in Building 14-01. The remaining buildings on the subject property were not surveyed for metals.
- Based on subsurface explorations completed on and in the area of the subject property, soil conditions at the subject property consist of approximately 6.5 to 17.5 ft of fill overlying native tideflat and river deposits with the thickest layers of fill occurring in the area of the former Slip 5. The fill generally consists of silty sand to sandy gravel. Fill material within the former Slip 5 area includes bricks, wood debris, and slag material. The near-surface groundwater regime within the Duwamish River valley is generally characterized as a shallow, single aquifer system. The subject property is located on the eastern bank of the Duwamish Waterway, at approximately 10 ft above mean sea level. Shallow groundwater (generally less than 10 ft below ground surface) is present throughout the subject property area. Based on topography and groundwater investigations conducted in the area, groundwater flow is generally to the west-southwest toward the Duwamish Waterway and semi-radially inward toward the former Slip 5.
- Based on a review of aerial photographs, topographic maps, and property tax records, the subject property was originally developed with a saw mill prior to 1929. Slip 5 was present along the northern boundary of the subject property at that time. Slip 5 was filled between the 1950s and 1966 and the subject property was redeveloped by Boeing in 1967. The adjacent properties have been developed for industrial use since prior to 1929. Uses of the adjacent property to the north include a lumber business, galvanizing plant, and steel manufacturing. Uses of the adjacent property to the south include a veneer factory and truck manufacturing. Uses of the property to the east of the subject property, across East Marginal Way South, include an acetylene plant, air products manufacturing, parking, and an air field.

## 10.1 DATA GAPS

The data gaps identified during our assessment and their potential impact on our findings are as follows:

- **Condition of soil and groundwater in areas of previous Boeing operations.** Based on available information, operations involving the use, generation, and/or storage of hazardous substances have been ongoing at the subject property since approximately 1967. To date, only limited soil and groundwater sampling has been conducted at the subject property in the areas of current and historical Boeing operations. This data gap is considered to be significant to evaluating current conditions on the subject property.
- **Condition of soil and groundwater at former Kenworth Truck Company site.** Contaminants of concern (petroleum products, phenolic compounds, non-halogenated solvents, halogenated organic compounds, and metals) have been identified in soil and groundwater (and are suspected in sediment and surface water) at the former Kenworth Truck Company site, adjacent to the south of the subject property. The current status of cleanup at this site is not known. Given that there is the potential for contaminants of concern at the Kenworth site to migrate to the subject property via groundwater, this data gap is considered to be significant to evaluating current conditions on the subject property.

## 11.0 USE OF THIS REPORT

This Environment, Health, and Safety Assessment/Phase I Environmental Site Assessment was undertaken and this report prepared for the exclusive use of Boeing (authorized user) for specific application to the subject property. It is intended to provide the authorized user with an understanding of the potential environmental liabilities associated with the property evaluated in this report. Reliance on this report by third parties or others who do not have a contractual relationship with Landau Associates on this project is at the sole risk of the third parties or others.

This report is based on observations and information obtained during two visits to the subject property and is based solely on the condition of the property on those days, supplemented with information obtained by Landau Associates and described herein. In evaluating the site, Landau Associates has relied in good faith on representations and information abstracted from sources noted in this report to the extent that they have not been contradicted by observations during the site reconnaissance or data obtained from other sources. Accordingly, Landau Associates accepts no responsibility for any deficiency, misstatements, omissions, or misrepresentations in the information provided to us.

Determining whether environmental conditions defined in this report indicate the presence of contamination at levels of concern is a matter of judgment. Liabilities associated with contaminated sites are defined in part by CERCLA. The findings and conclusions of this report are based on our evaluation of information obtained and reviewed for this project and reflect our professional judgment with respect to that information.

Landau Associates has performed the services and made the findings in accordance with generally accepted practices for Phase I ESAs in effect in Washington at the time the services were performed. The scope of services for this Phase I ESA was defined in our proposal and, unless specifically included in our scope of services and in this report, this Phase I ESA did not include services related to asbestos, radon, lead paint, lead in drinking water, wetlands, or indoor air quality or vapor intrusion issues (including the potential presence of mold or other biological contaminants).

This warranty stands in lieu of all other warranties, express or implied. While this report can be used as a guide, it is neither a rejection nor an endorsement of the property. It must also be understood that changing circumstances in the environment and use of the property can alter the conclusions and findings contained in this report.

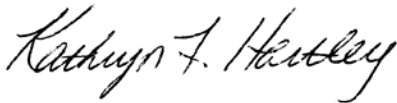


## 11.1 ENVIRONMENTAL PROFESSIONAL STATEMENT

We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in § 312.10 of 40 CFR 312, and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all appropriate inquiries in general conformance with the standards and practices set forth in 40 CFR Part 312 and ASTM E 1527-05.

Qualifications of the environmental professionals responsible for the site reconnaissance and generation of this report are provided in Appendix G.

LANDAU ASSOCIATES, INC.



Kathryn F. Hartley  
Senior Staff Scientist



Timothy L. Syverson, L.G.  
Senior Associate Geologist

KFH/TLS/ccy

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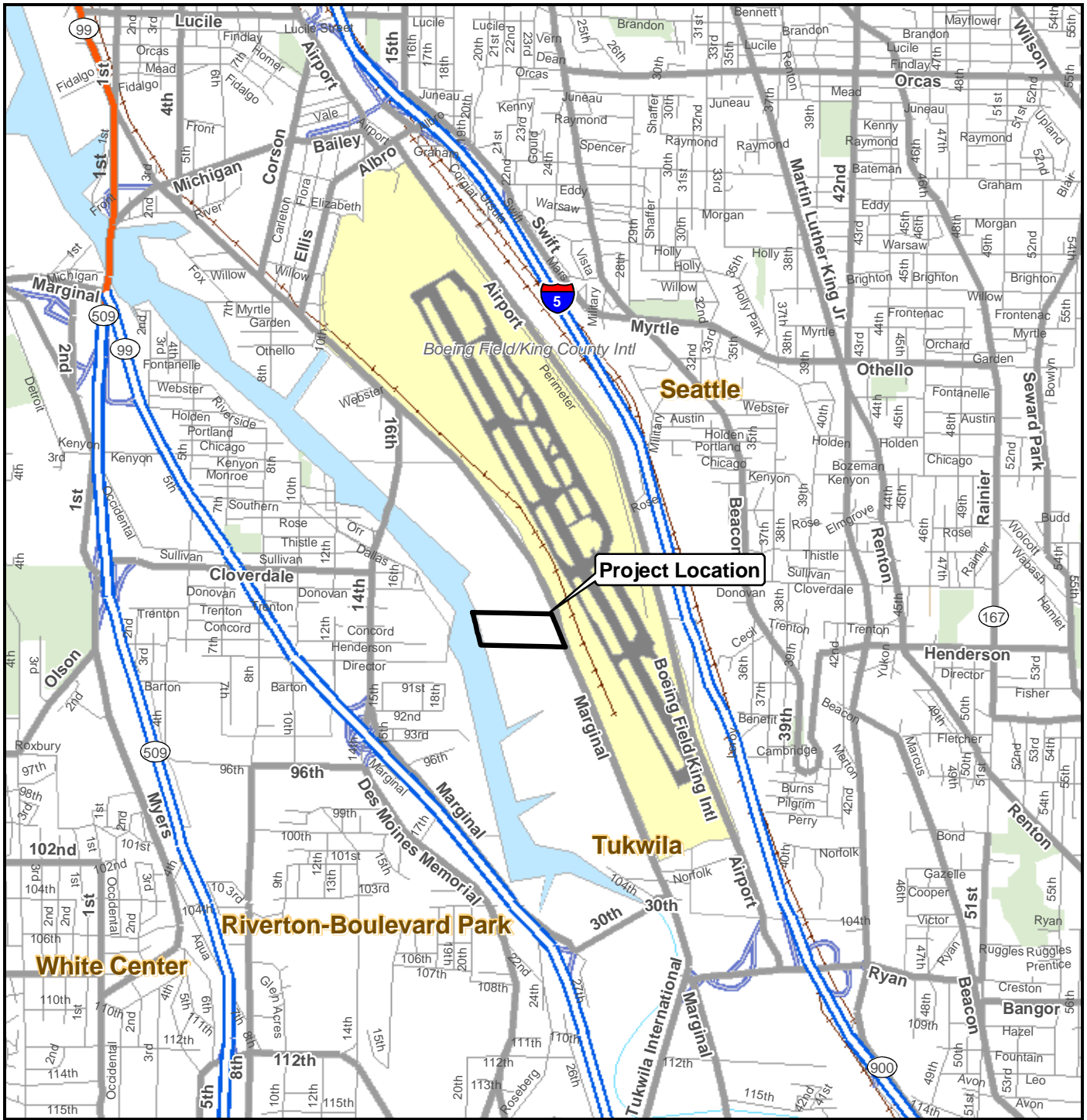
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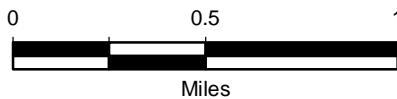
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Data Source: ESRI 2006

**Boeing Thompson Property  
Tukwila, Washington**

**Vicinity Map**

**Figure  
1**







Data Source: ESRI Image Server, King County Parcel Data



Boeing Thompson Property  
Tukwila, Washington

Site Plan

Figure  
2

**TABLE 1**  
**SUMMARY OF ENVIRONMENTAL SITE ASSESSMENT ELEMENTS**  
**BOEING THOMPSON PROPERTY – TUKWILA, WASHINGTON**

Phase I ESA Element per ASTM E 1527-05 (Including Elements of All Appropriate Inquiry Rule)	Report Section in Phase I ESA Where Element is Addressed	Comment
<b>Inquiry Performed by Environmental Professional</b>		
	Section 11.1	
<b>Visual Inspection by Environmental Professional</b>		
Interior of subject property	Section 8.1	
Exterior of subject property	Section 8.1	
Adjacent properties	Section 8.2	Visual inspection conducted from public rights-of-way.
<b>Interviews</b>		
Current owner	Section 9.0	Mr. Carl Bach, The Boeing Company
Past owners	Not conducted	No interviews conducted. Adequate file information.
Key site manager	Section 8.0	Representatives of Boeing accompanied Landau Associates during the site reconnaissance.
Current occupants/operators	Section 8.0	Representatives of Boeing accompanied Landau Associates during the site reconnaissance.
Past occupants/operators	Not conducted	No interviews conducted. Adequate file information.
Neighboring property owners (in the case of abandoned properties)	Not conducted	The subject property is in active use.
Local fire department	Section 6.2	Tukwila Fire Department
Local health department	Section 6.3	Public Health - Seattle & King County; no records available
State or local agency with jurisdiction over environmental matters	Section 6.3 / Section 6.6	Public Health - Seattle & King County / Washington State Department of Ecology
Local agency responsible for building permits and groundwater use permits	Section 6.5	Building records were reviewed at Puget Sound Regional Archives.
<b>Historical Source Review (first developed use or 1940, 5-year intervals)</b>		
Aerial photographs	Section 4.1	
Fire insurance maps	Section 4.3	
Property tax files	Section 6.4 / Section 6.5	Records obtained from King County Assessor's website and Puget Sound Regional Archives.
Land title records	Section 4.5	
U.S. Geological Survey topographic maps	Section 4.2	
Local street directories	Section 4.4	
Building department records	Section 6.5	Building records were reviewed at Puget Sound Regional Archives.
Zoning/land use records	Section 6.4	Records obtained from King County Assessor's website.
Other historical sources	Section 7.0	Records regarding previous assessments of the subject property and surrounding area sites were reviewed.

**TABLE 1**  
**SUMMARY OF ENVIRONMENTAL SITE ASSESSMENT ELEMENTS**  
**BOEING THOMPSON PROPERTY – TUKWILA, WASHINGTON**

Phase I ESA Element per ASTM E 1527-05 (Including Elements of All Appropriate Inquiry Rule)	Report Section in Phase I ESA Where Element is Addressed	Comment
<b>Government Record Review</b>		
Federal sites, including institutional controls and engineering controls registries	Section 6.1	
State sites, including institutional controls and engineering controls registries	Section 6.1	
Tribal sites, including institutional controls and engineering controls registries	Section 6.1	No tribal sites identified within 1 mile of subject property.
Local sites	Section 7.0	Records regarding previous assessments of the subject property and surrounding area sites were reviewed.
<b>Report Preparation</b>		
Scope of services	Section 1.1	
Documentation of findings	Sections 3, 4, 5, 6, 7, 8, 9	
Opinion regarding recognized environmental conditions at the subject property	Section 10.0	
Opinion regarding requirement for additional investigation at the subject property	Section 10.2	
Data gaps assessment/attempts to fill them	Section 10.1	
Conclusions	Section 10.0	
Detail of deviations from the ASTM standard	Table 1	
References	Section 12.0	
Signature	Section 11.0	
Environmental professional statement	Section 11.1	
Appendices including supporting documentation and qualifications of environmental professional	A-G	
<b>Review of User-Provided Information Conducted by Environmental Professional</b>		
Environmental cleanup lien search	Section 4.5	Title documents were reviewed; no liens were identified
Specialized and actual knowledge	Section 5.0	
Consider purchase price to fair market value	Section 5.0	No information provided by user.
Consider commonly known information	Section 5.0	
Consider degree of obviousness of contamination	Sections 3, 4, 5, 6, 7, 8, 9, 10	

**TABLE 2**  
**SUMMARY OF ENVIRONMENTAL HEALTH AND SAFETY ELEMENTS**  
**BOEING THOMPSON PROPERTY - TUKWILA, WASHINGTON**

Environment Health & Safety Element per Boeing Protocol	Report Section in Phase I ESA Where Element is Addressed	Comment
<b>Identification of EHS Issues</b>		
Known or likely presence of asbestos-containing materials, lead-based paint, mold, radon, radioactive materials, toxic dust, and/or polychlorinated biphenyls	Section 7.4	Assessment based on site reconnaissance observation, ages of buildings, file and document information provided by Boeing, personnel interviews, and publicly available information. Sampling was not included in the Phase I ESA scope of work.
<b>Interviews</b>		
Boeing Personnel	Section 9.0	Mr. Carl Bach, The Boeing Company
Non-Boeing Personnel	Not conducted	Sufficient file information was available regarding the history of the subject property.
<b>Review and Index of EHS Files</b>		
Boeing Provided Files	Section 7.0 / Appendix D	A complete index of files reviewed as part of this assessment is being provided under separate cover. A summary of the reviewed files is included in Section 7.0. Copies of historical property tax records is provided in Appendix D.
Landau Associates Files	Section 7.0	Documents regarding previous environmental investigations completed in the area of the subject property by Landau Associates on behalf of Boeing were reviewed as part of this assessment.
<b>EHS Permits</b>		
Agency and City Records Review	Section 7.0	Permits were included in EHS documents provided by Boeing.
<b>Phase I ESA / EHS Assessment Report</b>		
Phase I ESA / EHS Report	Section 1.0 to Section 12.0	The Phase I ESA / EHS Assessment report meets the requirements of ASTM E 1527-05 and is consistent with EPA standards for AAI under CERCLA Section 101(35)(B)(i)(I), 101(35)(B)(ii) and (iii) and 40 CFR 312.
Supporting Documentation	Appendix A-G	Supporting documentation including copies of aerial photographs, topographic maps, Environmental Data Resources reports, historical property tax records, figures from previous site investigations, selected site photographs, and qualifications are provided as appendices to the Phase I ESA report.



**TABLE 3  
SUMMARY OF REGULATORY DATABASE SEARCH RESULTS  
BOEING THOMPSON PROPERTY – TUKWILA, WASHINGTON**

<b>Database</b>	<b>Search Radius (Miles)</b>	<b>Number of Sites Identified</b>
NPL	1	1
PROPOSED NPL	1	1
CERCLIS	½	1
CERCLIS – NFRAP	½	5
CORRACTS	1	4
RCRA – TSD	½	1
RCRA – LQG	¼	3
RCRA – SQG	¼	10
CSCSL	1	29
HSL	1	1
CSCSL – NFA	½	5
LUST	½	14
UST	¼	4
MANIFEST	¼	4
ICR	½	21
VCP	½	4
BROWNFIELDS	½	1
EDR Historical Auto Stations*	¼	2

## Notes:

NPL	National Priority List
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CERCLIS – NFRAP	Comprehensive Environmental Response, Compensation and Liability Information System – No Further Remedial Action Planned
CORRACTS	Corrective Action Sites
RCRA – TSD	Resource Conservation and Recovery Act – Treatment, Storage Disposal
RCRA - LQG	Resource Conservation and Recovery Act – Large Quantity Generator of hazardous waste
RCRA – SQG	Resource Conservation and Recovery Act – Small Quantity Generator of hazardous waste
CSCSL	Confirmed and Suspected Contaminated Sites List
HSL	Hazardous Sites List
CSCSL – NFA	Confirmed and Suspected Contaminated Sites List – No Further Action
LUST	Leaking Underground Storage Tank database
UST	Underground Storage Tank database
MANIFEST	Hazardous waste manifest data
ICR	Independent Cleanup Report database
VCP	Voluntary Cleanup Program sites database
BROWNFIELDS	Brownfields Sites database

\* These records are EDR proprietary records. Specific sources for these records are not provided and these records are not part of a standard ASTM-compliant database review.

**TABLE 4**  
**STORAGE TANK INVENTORY**  
**THOMPSON PROPERTY – TUKWILA, WASHINGTON**

Tank Number	Alternate ID	Type	Building	Location	Purpose	Contents	Size (gallons)	Status
TS-01	TS 01	UST	14-02	West Yard	Reserve boiler fuel	Fuel oil #2	20,000	Closed-in-place
TS-02		UST	14-02	West Yard	Storage for dispensing	Gasoline	1,000	Removed
TS-03		UST	14-02	West Yard	Emergency generator fuel	Diesel	500	Removed
TS-04		UST	14-03	East Yard	Hold tank for OWS TS-92	Stormwater/oil	4,000	Removed
TSA-14	BMA 014 / Tank A	AST	14-01	West Yard	Accumulation for disposal	Paint booth waste	10,000	Removed
TSA-15	BMA 015 / Tank B	AST	14-01	West Yard	Accumulation for disposal	Paint booth waste	10,000	Removed
	BMA 021 / Tank C /					Copper plating / acid / aqueous degreaser		
TSA-21	BP-1	AST	14-01	West Yard	Accumulation for disposal	overflow	5,000	Inactive
TSA-25	BMA 025	AST	14-13	North Side	Emergency generator fuel	Diesel	200	Active
						Copper plating / aqueous degreaser		
TS-26	BMA 026 / BP-2	Sump	14-01	Column D1-6	Temporary holding sump	degreaser	400	Inactive
BMA046		Sump	14-01	Column B-12	Lift station sump	Sewage		Unknown
BMA050		AST	14-03	Inside Building	Fatigue test	Hydraulic oil	3,100	Removed
BMA051		AST	14-03	Inside Building	Fatigue test	Hydraulic oil	3,100	Removed
TS-57	BMA 057	AST	14-02	West Side	Emergency generator fuel	Diesel	500	Active
BMA064		AST	14-01	West Side	Fueling vehicles	Propane	500	Removed / relocated
TS-67	BMA 067	Sump	14-01	E7 (Outside)	Wastewater collection	Paint booth waste	100	Removed
TS-68	BMA 068	Sump	14-01	E8 (Outside)	Wastewater collection	Paint booth waste	100	Removed
TS-69	BMA 069	Sump	14-01	E9 (Outside)	Wastewater collection	Paint booth waste	100	Removed
TS-92	SEP 04	OWS	14-03	East Yard	Hydraulics and parking lot	Stormwater/oil		Removed
TS-93	SEP N	OWS	14-01	Southwest Yard	Oil trap for parking lot	Stormwater/oil		Active
TS-91	SEP S	OWS	14-03	North End	Oil trap for parking lot	Stormwater/oil		Active
SMPTS1		Sump	14-03	737 Fatigue Test Pad	Hydraulic fluid leaks	Hydraulic fluid		Removed

UST = Underground storage tank

AST = Aboveground storage tank

OWS = Oil/water separator

**TABLE 5**  
**SUMMARY OF CHEMICALS USED**  
**BOEING THOMPSON PROPERTY – TUKWILA, WASHINGTON**

**Chemicals Potentially Used/Stored or Present/Formerly Present on Subject Property**

2-Pentanone	Lead
Aliphatic Naphtha	Manganese
Ammonia	Methyl Cyclohexane
Aromatic Naphtha	Methyl Ethyl Ketaone (MEK)
Butyl Acetate	Methyl Isobutyl
Butyl Acetate, n-	Methyl Isobutyl Ketone (MIBK)
Butyl Alcohol, n-	Methylene Bisphenyl Isocyanate
Butyl Cellosolve	Methylene Chloride
Butyl Xylene	Methylene Diphenyl Diisocyanate (MDI)
Cellosolve Acetate	Naphtha
Chromate	Naphtha VM&P
Chromic acid and chromates (as $\text{CrO}_3$ )	n-Butanol
Copper Dust	n-Butyl Acetate
Cyclohexane	n-Propanol
Cyclohexanone	sec-Butanol
Ethoxy Ethyl Acetate	Stoddard solvent
Ethoxyethyl acetate, 2-	Toluene
Ethyl Acetate	Toluene diisocyanate (TDI)
Ethyl acrylate	Total Aldehydes (as Formaldehyde)
Hexamethylene Diisocyanate	Trimethyl Benzene
Hydrogen Cyanide	Xylen 2-Ethoxy Ethyl Acetate
Iron Oxide Fumes	Xylene
Isopropanol O	Xylene (mixed isomers)
Isopropyl Alcohol	

**Note:**

This list was developed based on Boeing Industrial Hygiene records.

**TABLE 6**  
**SUBJECT PROPERTY CHECKLIST**  
**BOEING THOMPSON PROPERTY – TUKWILA, WASHINGTON**

Checklist Item	Present	Not Observed	Remarks
Chemical Storage Areas	√		Several 55-gal drums were observed in a hazardous waste accumulation area in the north-central portion of Building 14-01. The drums were observed to be in good condition with no apparent leaks and are temporarily stored in this area awaiting disposal. Hazardous materials storage sheds are located west of Building 14-01 (south of Building 14-03). The sheds that were accessible at the time of the site reconnaissance were empty; however, not all of the sheds were accessible.
Solid Waste		√	
Hazardous Waste	√		Several 55-gal drums were observed in a hazardous waste accumulation area in the north-central portion of Building 14-01. The drums were observed to be in good condition with no apparent leaks and are temporarily stored in this area awaiting disposal.
Evidence of Dumping		√	
Use of Fill Material	√		Fill material was not observed at the time of the site reconnaissance; however, a slip of the Duwamish Waterway was formerly located on the subject property and is known to have been filled in the late 1950s and 1960s.
Soil or Groundwater Contamination	√		Based on the findings of previous investigations at the subject property, soil and groundwater are known to be contaminated with metals.
Underground Storage Tanks (USTs)	√		Three USTs were formerly located in the western yard of Building 14-02. One 20,000-gal UST was closed-in-place and two USTs were removed. A patch in the asphalt was observed in this area at the time of the site reconnaissance.
Aboveground Storage Tanks (ASTs)	√		Four ASTs were observed on the subject property. An approximately 500-gal AST containing diesel fuel is located on the western side of Building 14-02. An approximately 200-gal diesel AST is located on the northern side of Building 14-13. A 5,000-gal AST is located in the western yard of Building 14-01 and contains overflow from the aqueous degreaser on the interior of Building 14-01. A propane AST is located along the western property boundary.
Electrical Transformers	√		An electrical substation is located within a fenced area in the southeastern corner of the subject property. Electrical transformers are located on the northern side of Building 14-02. The transformers are not labeled as containing PCBs.
Septic Tanks		√	
Pits, Ponds, and Lagoons		√	

**TABLE 7**  
**ADJACENT PROPERTIES CHECKLIST**  
**BOEING THOMPSON PROPERTY – TUKWILA, WASHINGTON**

Checklist Item	Present	Not Observed	Remarks
Chemical Storage Areas		√	
Solid Waste		√	
Hazardous Waste		√	
Evidence of Dumping		√	
Use of Fill Material	√		Fill material was not observed at the time of the site reconnaissance; however, a slip of the Duwamish Waterway was formerly partially located on the adjacent property to the north and is known to have been filled in the late 1950s and 1960s.
Soil or Groundwater Contamination	√		Based on available information, impact to subsurface soil has been identified on the adjacent properties to the north and south of the subject property.
Underground Storage Tanks		√	
Aboveground Storage Tanks		√	
Electrical Transformers	√		Pole-mounted electrical transformers were observed to the east of the subject property, along East Marginal Way South and on the adjacent property to the south. Transformers were observed on the ground surface near the northwestern corner of the adjacent property to the south.
Septic Tanks		√	
Pits, Ponds, and Lagoons		√	

# Aerial Photographs

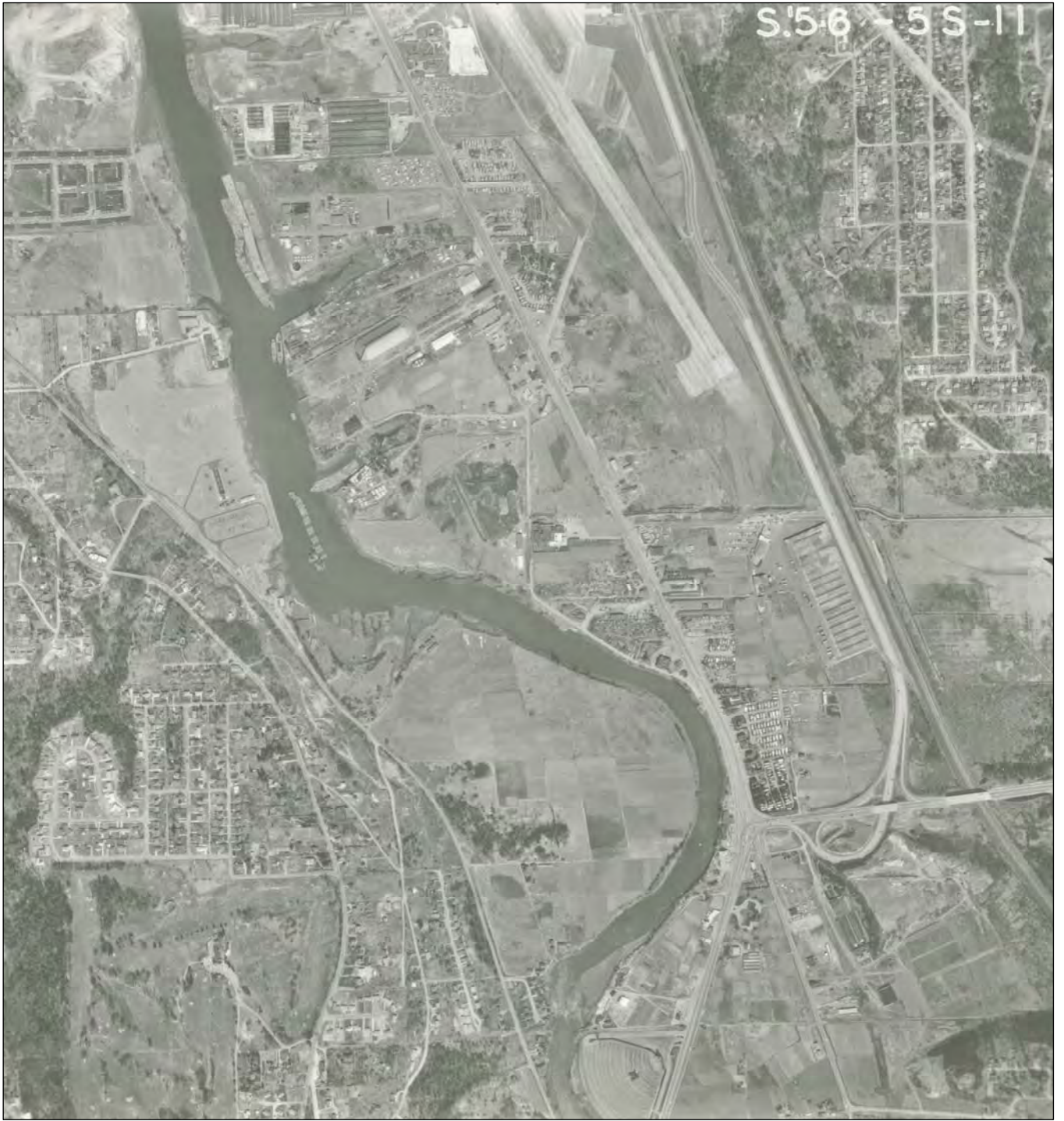








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Boeing Thompson Property  
Tukwila, Washington

**1956 Aerial Photograph**

Figure  
**A-3**



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Boeing Thompson Property  
Tukwila, Washington

**1961 Aerial Photograph**

Figure  
**A-4**

















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Boeing Thompson Property  
Tukwila, Washington

**1985 Aerial Photograph**

Figure  
**A-8**









# **Historical Topographic Maps and Sanborn<sup>®</sup> Map Report**

# **EDR Historical Topographic Map Report**

**Boeing Issacson/Thompson  
8625 East Marginal Way S  
Tukwila, WA 98108**

**Inquiry Number: 2105962.4**

**December 21, 2007**



**EDR**® Environmental  
Data Resources Inc

## **The Standard in Environmental Risk Information**

440 Wheelers Farms Rd  
Milford, Connecticut 06461

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Internet: [www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

## **Disclaimer - Copyright and Trademark Notice**

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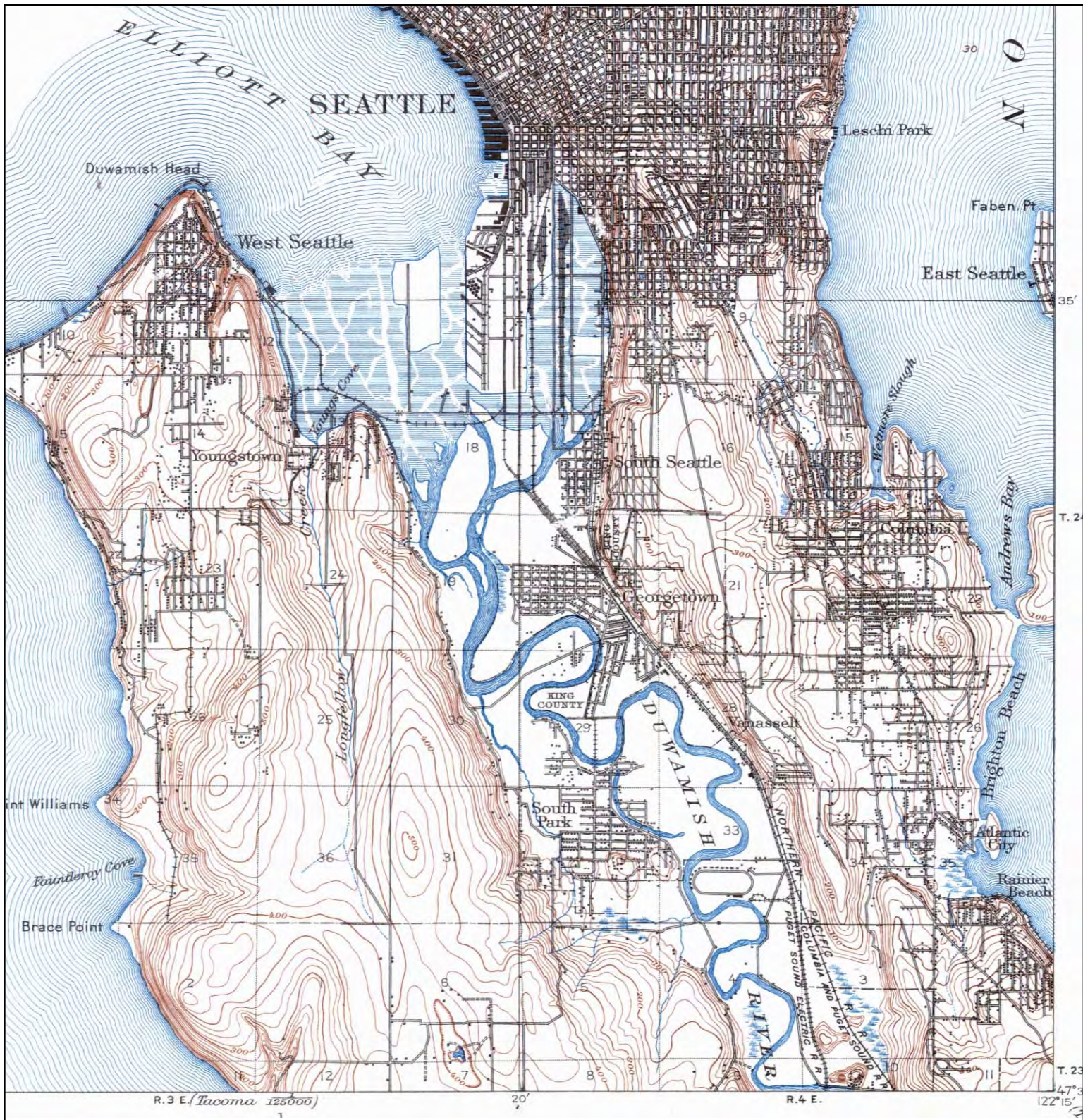
# Historical Topographic Map



	TARGET QUAD	SITE NAME:	Boeing Issacson/Thompson	CLIENT:	Landau Associates, Inc.
	NAME: Seattle, WA	ADDRESS:	8625 East Marginal Way S	CONTACT:	Brett Borgeson
	MAP YEAR: 1897	LAT/LONG:	47.5258 / 122.303	INQUIRY#:	2105962.4
	SERIES: 30			RESEARCH DATE:	12/21/2007
	SCALE: 1:125,000				



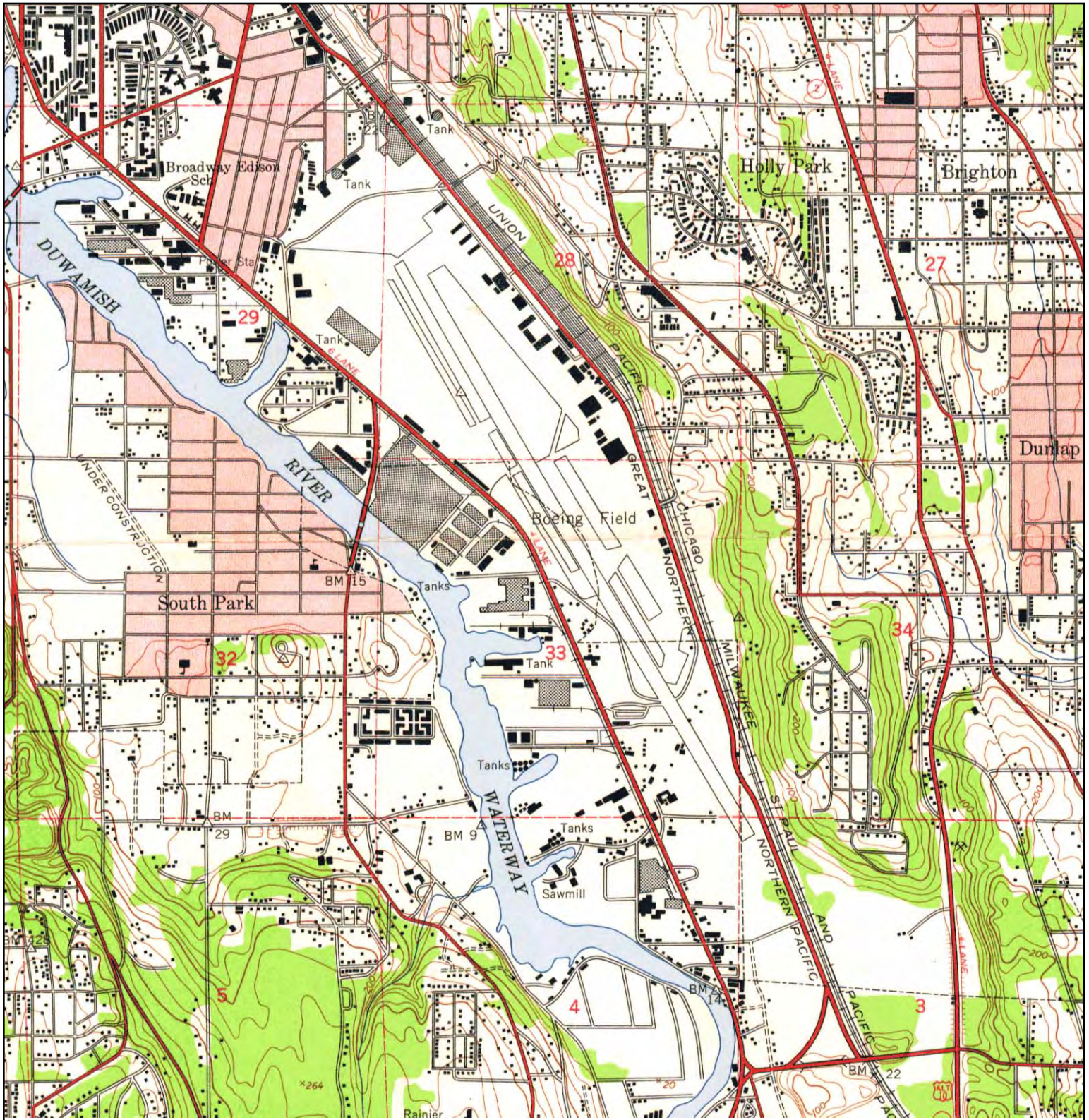
# Historical Topographic Map




	<b>TARGET QUAD</b> NAME: Seattle, WA MAP YEAR: 1909	<b>SITE NAME:</b> Boeing Issacson/Thompson <b>ADDRESS:</b> 8625 East Marginal Way S Tukwila, WA 98108 <b>LAT/LONG:</b> 47.5258 / 122.303	<b>CLIENT:</b> Landau Associates, Inc. <b>CONTACT:</b> Brett Borgeson <b>INQUIRY#:</b> 2105962.4 <b>RESEARCH DATE:</b> 12/21/2007
	SERIES: 15 SCALE: 1:62,500		



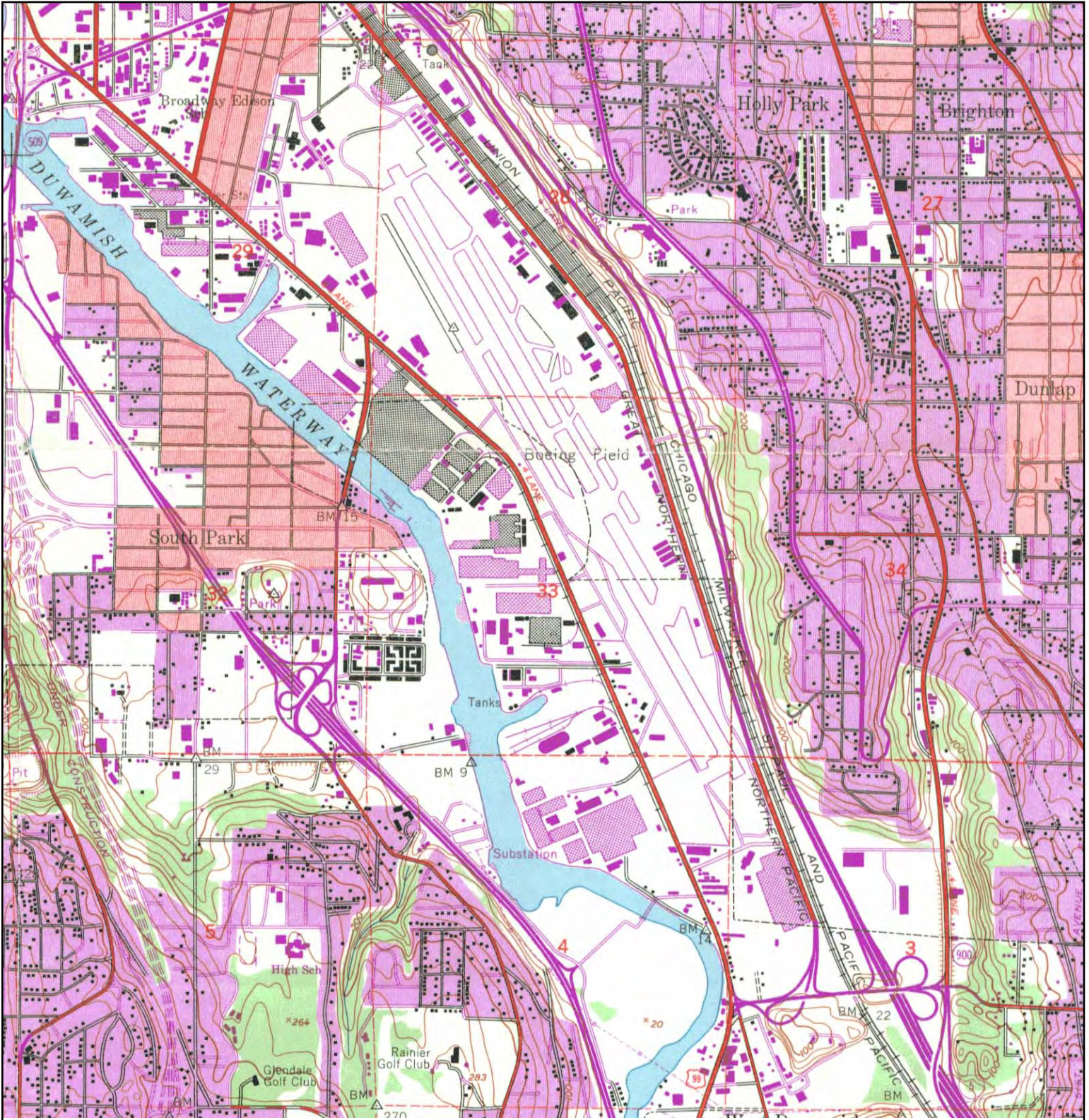
# Historical Topographic Map




	TARGET QUAD	SITE NAME:	Boeing Issacson/Thompson	CLIENT:	Landau Associates, Inc.
	NAME: Seattle South, WA	ADDRESS:	8625 East Marginal Way S	CONTACT:	Brett Borgeson
	MAP YEAR: 1949	LAT/LONG:	47.5258 / 122.303	INQUIRY#:	2105962.4
SERIES: 7.5				RESEARCH DATE:	12/21/2007
SCALE: 1:24,000					



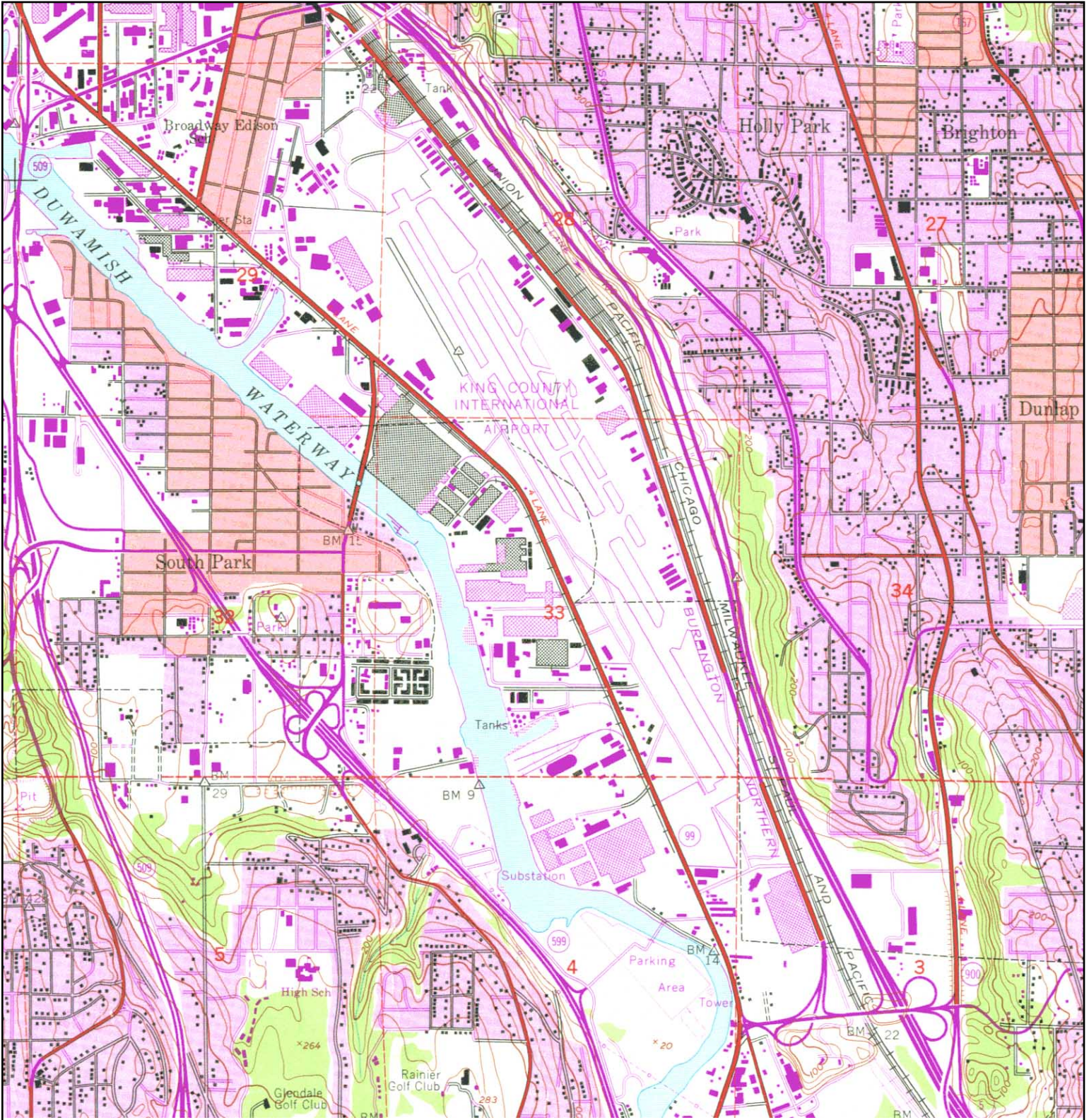
# Historical Topographic Map



	TARGET QUAD	SITE NAME:	Boeing Issacson/Thompson	CLIENT:	Landau Associates, Inc.
	NAME: Seattle South, WA	ADDRESS:	8625 East Marginal Way S	CONTACT:	Brett Borgeson
	MAP YEAR: 1968	LAT/LONG:	47.5258 / 122.303	INQUIRY#:	2105962.4
	PHOTOREVISED FROM: 1949			RESEARCH DATE:	12/21/2007
	SERIES: 7.5				
	SCALE: 1:24,000				



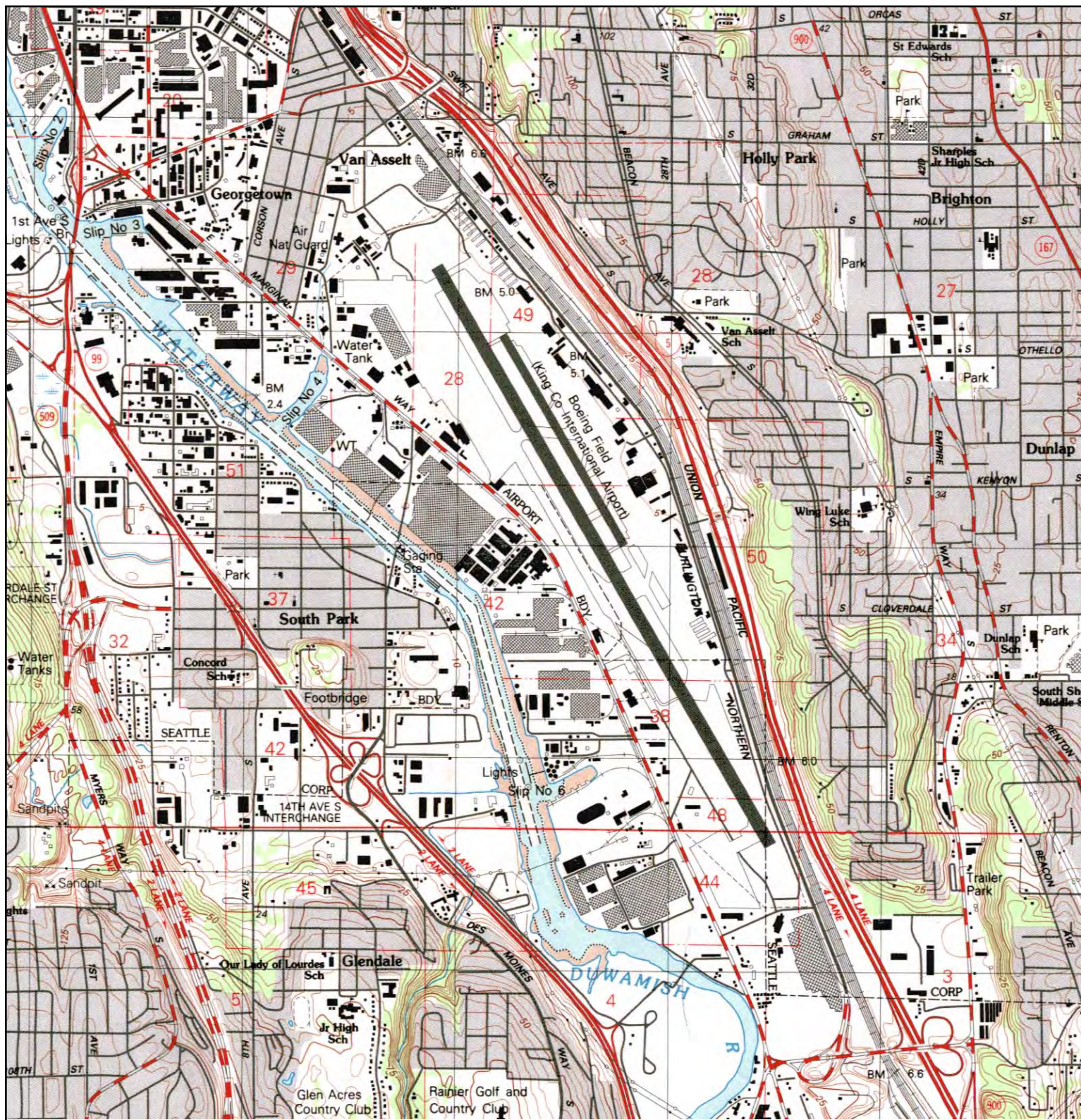
# Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME:	Boeing Issacson/Thompson	CLIENT:	Landau Associates, Inc.
	NAME: Seattle South, WA	ADDRESS:	8625 East Marginal Way S	CONTACT:	Brett Borgeson
	MAP YEAR: 1973		Tukwila, WA 98108	INQUIRY#:	2105962.4
	PHOTOREVISED FROM: 1949	LAT/LONG:	47.5258 / 122.303	RESEARCH DATE:	12/21/2007
	SERIES: 7.5				
	SCALE: 1:24,000				



# Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: Seattle South, WA MAP YEAR: 1983</p>	<p>SITE NAME: Boeing Issacson/Thompson ADDRESS: 8625 East Marginal Way S Tukwila, WA 98108 LAT/LONG: 47.5258 / 122.303</p>	<p>CLIENT: Landau Associates, Inc. CONTACT: Brett Borgeson INQUIRY#: 2105962.4 RESEARCH DATE: 12/21/2007</p>
	<p>SERIES: 7.5 SCALE: 1:25,000</p>		



# Certified Sanborn® Map Report



Sanborn® Library search results  
Certification # A00D-4366-BF39

**Boeing Issacson/Thompson  
8625 East Marginal Way S  
Tukwila, WA 98108**

**Inquiry Number 2105962.3s**

**December 21, 2007**



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# Certified Sanborn® Map Report

12/21/07

**Site Name:**

Boeing Issacson/Thompson  
8625 East Marginal Way S  
Tukwila, WA 98108

**Client Name:**

Landau Associates, Inc.  
130 Second Avenue South  
Edmonds, WA 98020

EDR Inquiry # 2105962.3s

Contact: Brett Borgeson



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Landau Associates, Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

## Certified Sanborn Results:

**Site Name:** Boeing Issacson/Thompson  
**Address:** 8625 East Marginal Way S  
**City, State, Zip:** Tukwila, WA 98108  
**Cross Street:**  
**P.O. #** NA  
**Project:** NA  
**Certification #** A00D-4366-BF39



Sanborn® Library search results  
Certification # A00D-4366-BF39

### Maps Identified - Number of maps indicated within "( )"

1966 (3)  
1949 (3)  
1929 (3)

Total Maps: 9

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

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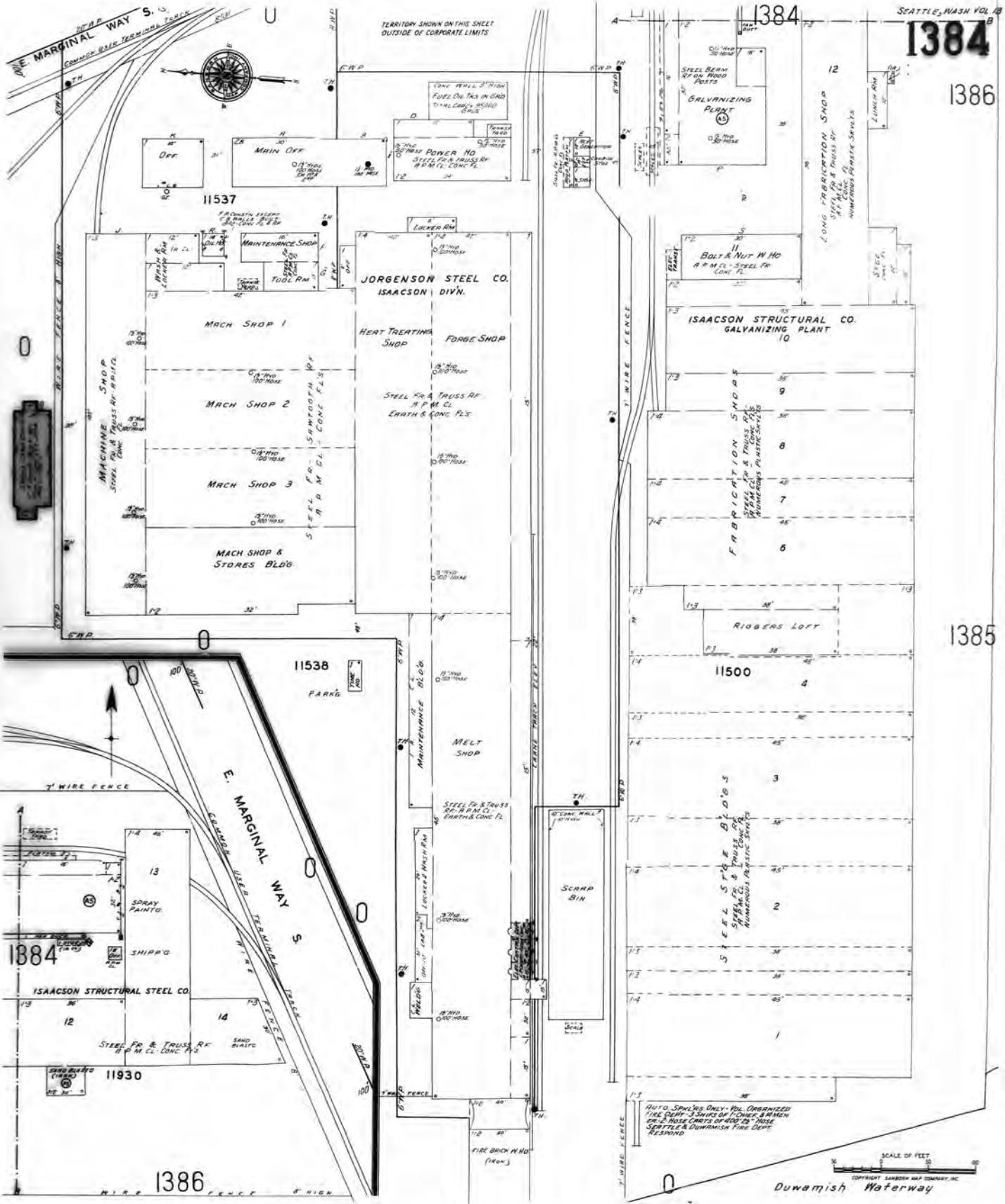
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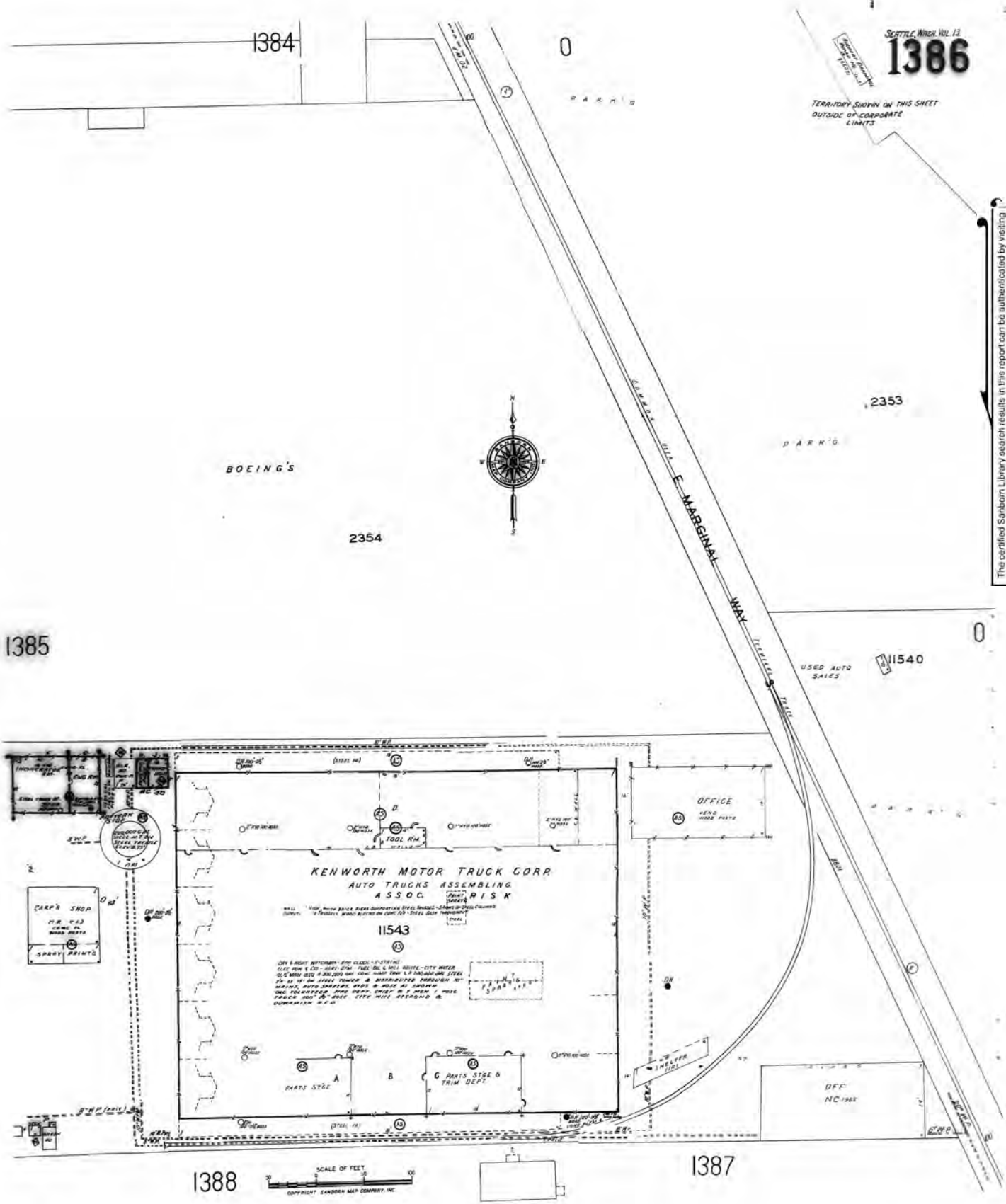
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 City, ST, ZIP: Tukwila WA 98108  
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 Copyright: 1966





SEATTLE MAPS VOL. 13  
**1385**

TERRITORY SHOWN ON THIS SHEET  
OUTSIDE OF CORPORATE LIMITS

1384

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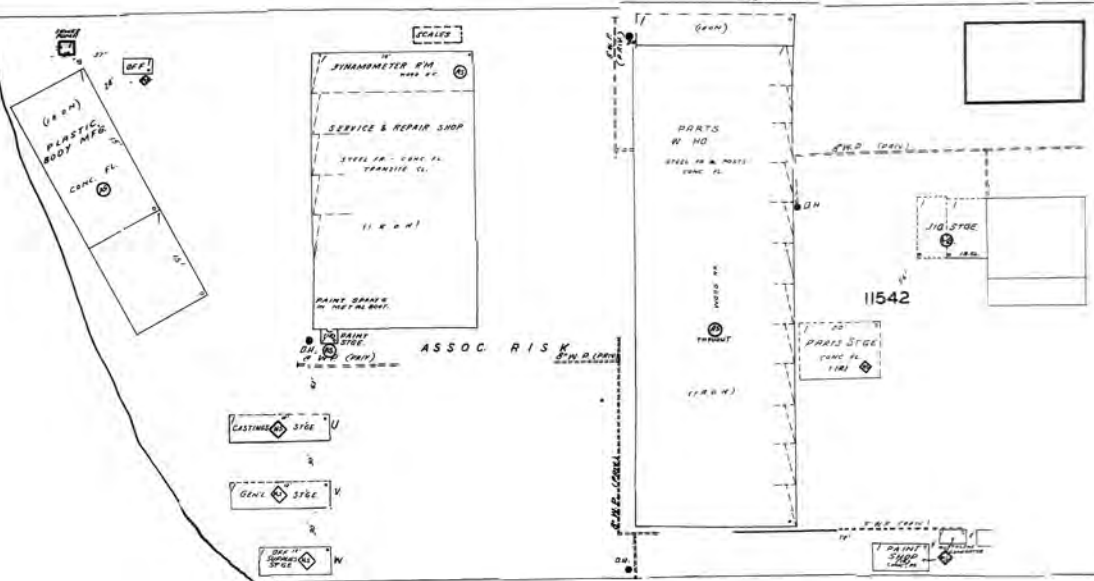
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Site Name: Boeing Issacson/Thompson  
Address: 8625 East Marginal Way S  
City, ST, ZIP: Tukwila WA 98108  
Client: Landau Associates, Inc.  
EDR Inquiry: 2105962.3s  
Order Date: 12/21/2007 10:58:48 AM  
Certification # A00D-4366-BF39

Copyright: 1966

SEATTLE, WASH VOL 13  
**1385**

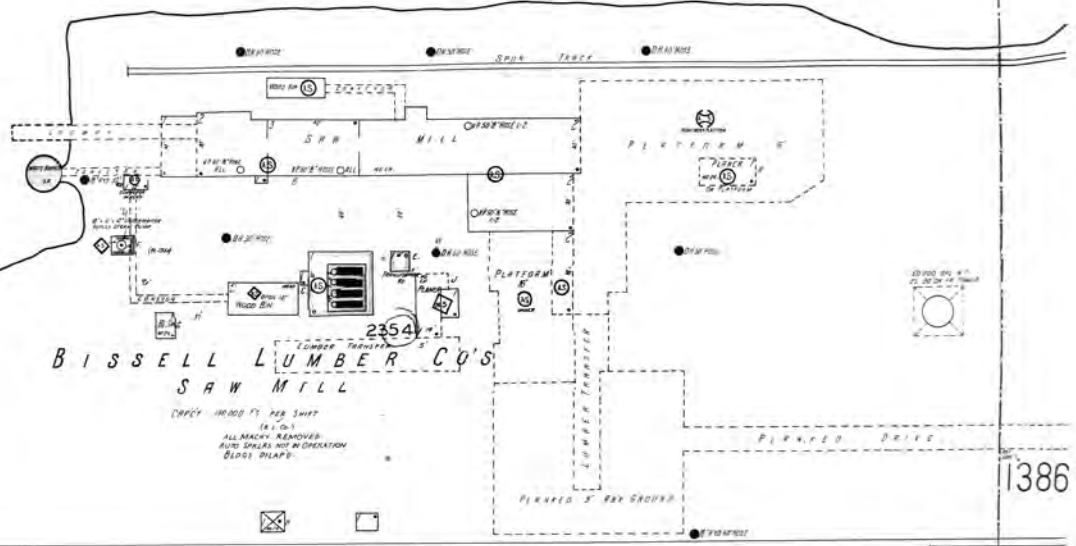
WASH 013

(3999 VOL 3)

TERRITORY SHOWN ON THIS SHEET  
OUTSIDE OF CORPORATE LIMITS

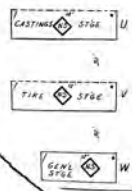
1384

Duwamish River Slough

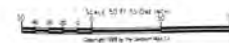


1386

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1388



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City, ST, ZIP: Tukwila WA 98108  
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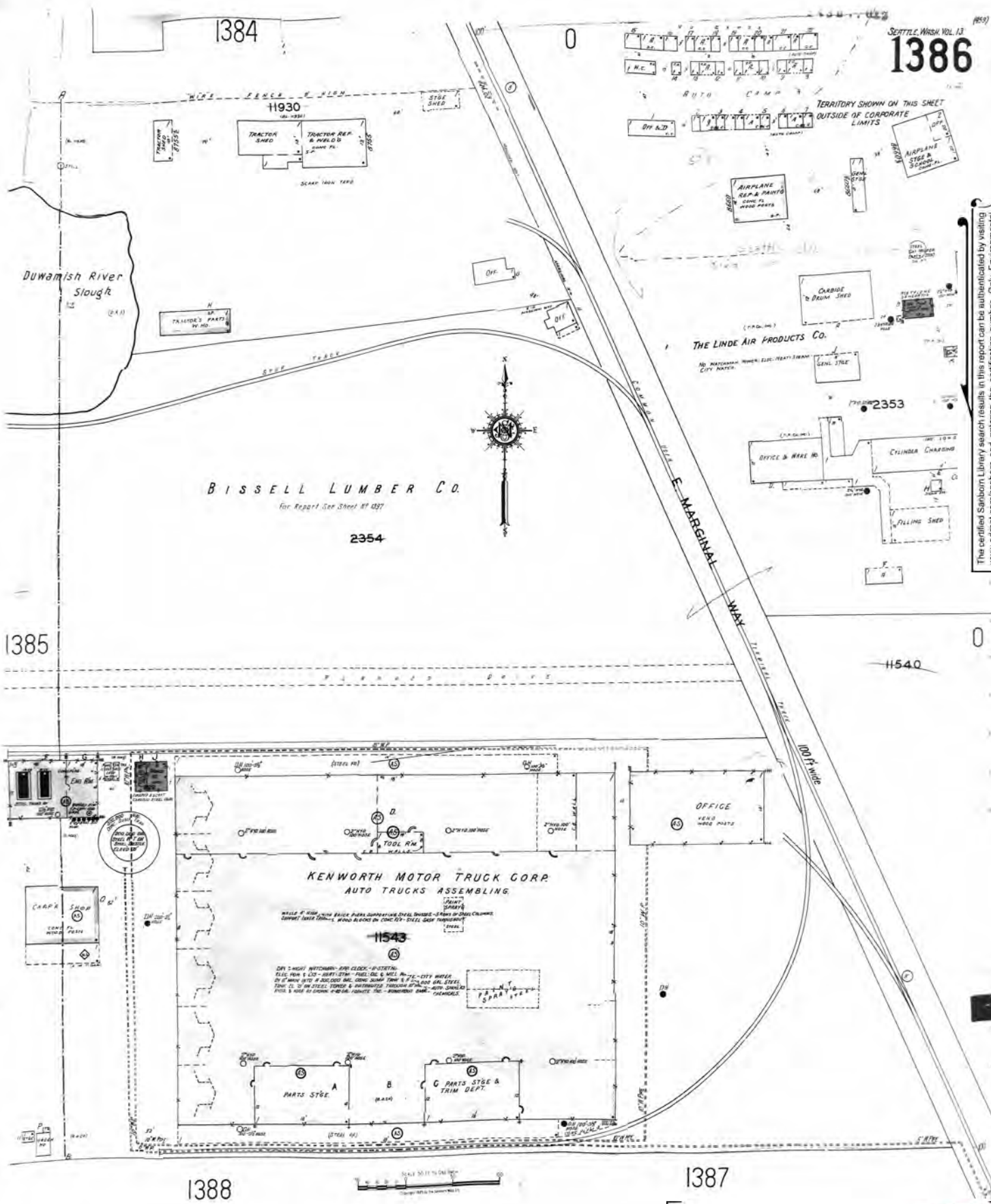
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 Client: Landau Associates, Inc.  
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SEATTLE WASH VOL 13  
**1386**

**1384**

**1385**

**1388**

**1387**

**BISSELL LUMBER CO.**  
 for Report See Sheet # 437

**2354**

**KENWORTH MOTOR TRUCK CORP.**  
**AUTO TRUCKS ASSEMBLING**

**11543**

**THE LINDE AIR PRODUCTS CO.**

**2353**

**11540**

Site Name: Boeing Issacson/Thompson  
 Address: 8625 East Marginal Way S  
 City, ST, ZIP: Tukwila WA 98108  
 Client: Landau Associates, Inc.  
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A00D-4366-BF39

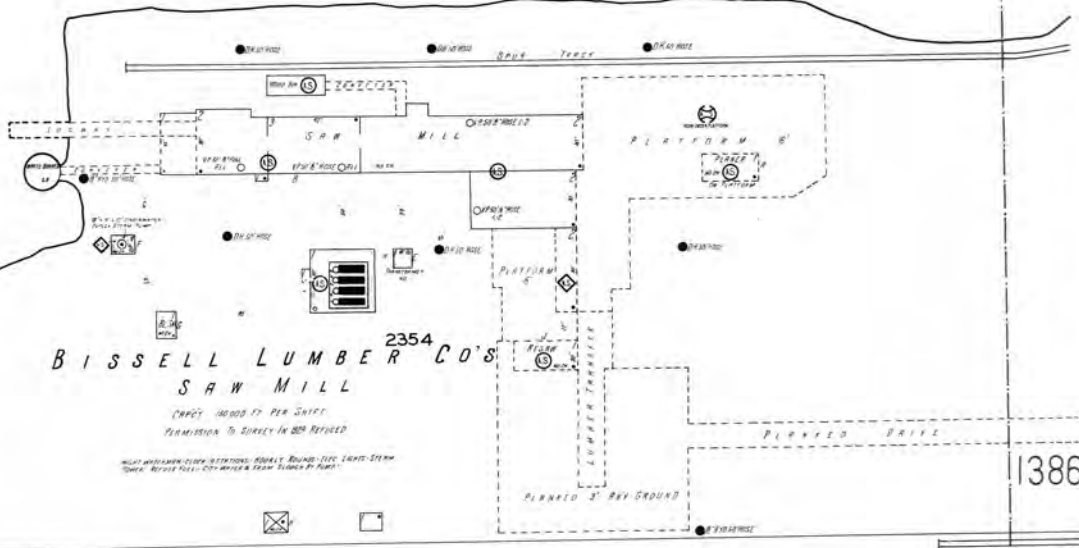
Certification #

Copyright: 1949

SEATTLE, WASH VOL. 13  
**1385**  
(3999 VOL.3)

1384

Duwamish River Slough



**BISSELL LUMBER CO'S**  
**2354**  
**SAW MILL**  
CAPACITY 100,000 FT<sup>3</sup> PER SHIFT  
PERMISSION TO SPURRY IN 2008 REVISED

NOTE: MILL AND OFFICE BUILT BY BISSELL LUMBER CO. IN 1910. BISSELL LUMBER CO. BUILT THE LIGHT SYSTEM  
IN 1910. BISSELL LUMBER CO. BUILT THE SPURRY IN 1910.

1386

11542

1388



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h e m j a t e m  
u s i m e w a n d

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Address: 8625 East Marginal Way S  
City, ST, ZIP: Tukwila WA 98108  
Client: Landau Associates, Inc.  
EDR Inquiry: 2105962.3s  
Order Date: 12/21/2007 10:58:48 AM  
Certification # A00D-4366-BF39



Copyright: 1929

11537

11538

11500  
(2380)

DUWAMISH LUMBER CO'S  
SAW MILL

D u w a m i s h R i v e r S t a m e n

D u w a m i s h W a t e r w a y

D I U M E S E U E T T



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Address: 8625 East Marginal Way S  
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Client: Landau Associates, Inc.  
EDR Inquiry: 2105962.3s  
Order Date: 12/21/2007 10:58:48 AM  
Certification #: A00D-4366-BF39





1384

DUWAMISH LUMBER Co.

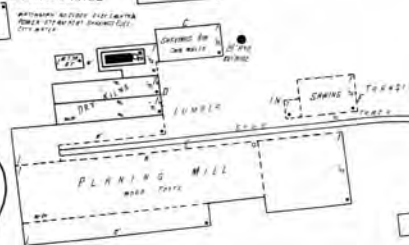
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SEATTLE, WASH. VOL. 13  
1386

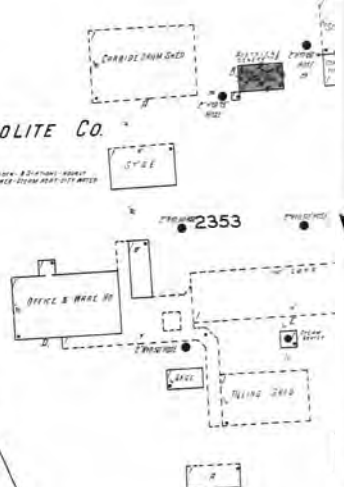
11930

TYEE LUMBER Co's  
PLANING MILL

Duwamish River Slough



THE PRESTOLITE Co.



BISSELL LUMBER Co.

For Report See Sheet No. 1387

2354



85

PLANNED DRIVE

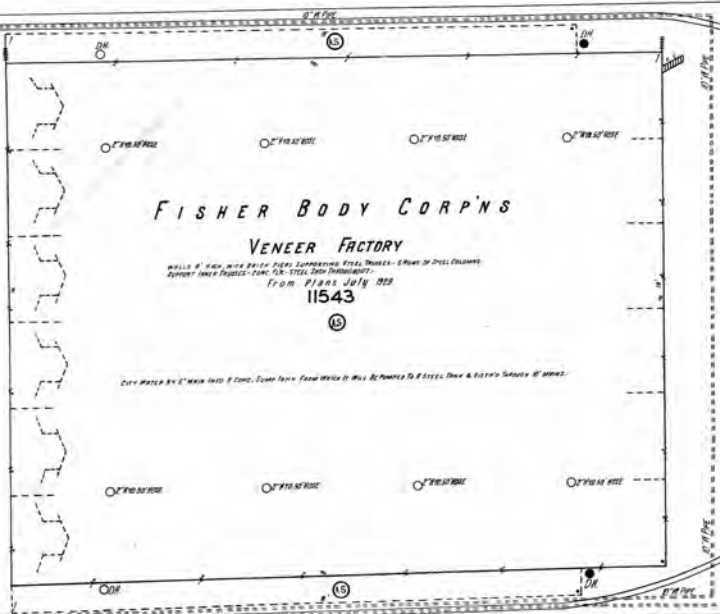
11540

FISHER BODY CORP'S  
VENEER FACTORY

MILLS 8' HIGH, WITH PAIR OF PIGS SUPPORTING EACH TRUSS - 6 PAIR OF PIGS EACH TRUSS  
SUPPORT UNDER TRUSSES - 2x4x8, 2x6x8, 2x8x8, 2x10x8, 2x12x8

11543

DATE MADE BY: E. W. HANCOCK, JR. CIVIL ENGINEER - 1928



1388

1387

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

**Boeing Issacson/Thompson  
8625 East Marginal Way S  
Tukwila, WA 98108**

**Inquiry Number: 2105962.2s**

**December 21, 2007**

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# TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	6
Orphan Summary .....	235
EPA Waste Codes .....	EPA-1
Government Records Searched/Data Currency Tracking .....	GR-1
 <b><u>GEOCHECK ADDENDUM</u></b>	
Physical Setting Source Addendum .....	A-1
Physical Setting Source Summary .....	A-2
Physical Setting Source Map .....	A-9
Physical Setting Source Map Findings .....	A-10
Physical Setting Source Records Searched .....	A-14

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

8625 EAST MARGINAL WAY S  
TUKWILA, WA 98108

#### COORDINATES

Latitude (North): 47.525780 - 47° 31' 32.8"  
Longitude (West): 122.302640 - 122° 18' 9.5"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 552496.4  
UTM Y (Meters): 5263611.5  
Elevation: 12 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 47122-E3 SEATTLE SOUTH, WA  
Most Recent Revision: 1983

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following 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>
BOEING ISAACSON PROPERTY 8625 E MARGINAL WAY SEATTLE, WA 98108	FINDS VCP	110015564646
ISAACSON PROPERTY 8625 E. MARGINAL WAY SEATTLE, WA 98108	ICR	N/A
BOEING ISAACSON PROPERTY 8625 E MARGINAL WAY SEATTLE, WA 98108	CSCSL	N/A



## EXECUTIVE SUMMARY

### 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 search radius around the target property for the following databases:

#### FEDERAL RECORDS

<b>Delisted NPL</b>	National Priority List Deletions
<b>NPL LIENS</b>	Federal Superfund Liens
<b>ERNS</b>	Emergency Response Notification System
<b>HMIRS</b>	Hazardous Materials Information Reporting System
<b>US ENG CONTROLS</b>	Engineering Controls Sites List
<b>US INST CONTROL</b>	Sites with Institutional Controls
<b>DOD</b>	Department of Defense Sites
<b>FUDS</b>	Formerly Used Defense Sites
<b>US BROWNFIELDS</b>	A Listing of Brownfields Sites
<b>CONSENT</b>	Superfund (CERCLA) Consent Decrees
<b>ROD</b>	Records Of Decision
<b>UMTRA</b>	Uranium Mill Tailings Sites
<b>ODI</b>	Open Dump Inventory
<b>TRIS</b>	Toxic Chemical Release Inventory System
<b>TSCA</b>	Toxic Substances Control Act
<b>FTTS</b>	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
<b>SSTS</b>	Section 7 Tracking Systems
<b>LUCIS</b>	Land Use Control Information System
<b>DOT OPS</b>	Incident and Accident Data
<b>ICIS</b>	Integrated Compliance Information System
<b>DEBRIS REGION 9</b>	Torres Martinez Reservation Illegal Dump Site Locations
<b>HIST FTTS</b>	FIFRA/TSCA Tracking System Administrative Case Listing
<b>US CDL</b>	Clandestine Drug Labs
<b>RADINFO</b>	Radiation Information Database
<b>LIENS 2</b>	CERCLA Lien Information
<b>PADS</b>	PCB Activity Database System
<b>MLTS</b>	Material Licensing Tracking System
<b>MINES</b>	Mines Master Index File
<b>RAATS</b>	RCRA Administrative Action Tracking System

#### STATE AND LOCAL RECORDS

<b>SWF/LF</b>	Solid Waste Facility Database
<b>SWTIRE</b>	Solid Waste Tire Facilities
<b>AST</b>	Aboveground Storage Tank Locations
<b>SPILLS</b>	Reported Spills
<b>INST CONTROL</b>	Institutional Control Site List
<b>DRYCLEANERS</b>	Drycleaner List
<b>CDL</b>	Clandestine Drug Lab Contaminated Site List
<b>NPDES</b>	Water Quality Permit System Data
<b>AIRS (EMI)</b>	Washington Emissions Data System
<b>Inactive Drycleaners</b>	Inactive Drycleaners

#### TRIBAL RECORDS

<b>INDIAN RESERV</b>	Indian Reservations
----------------------	---------------------

## EXECUTIVE SUMMARY

**INDIAN LUST**..... Leaking Underground Storage Tanks on Indian Land  
**INDIAN UST**..... Underground Storage Tanks on Indian Land

### EDR PROPRIETARY RECORDS

**Manufactured Gas Plants**... EDR Proprietary Manufactured Gas Plants  
**EDR Historical Cleaners**..... EDR Proprietary Historic Dry Cleaners

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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 RECORDS

**NPL:** Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 07/18/2007 has revealed that there is 1 NPL 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>
<b><i>LOWER DUWAMISH WATERWAY</i></b>	<b><i>RK 2.5 TO RK 10.8</i></b>	<b><i>0 - 1/8</i></b>	<b><i>0</i></b>	<b><i>8</i></b>

**Proposed NPL:** Proposed NPL sites . The source of this database is the U.S. EPA.

A review of the Proposed NPL list, as provided by EDR, and dated 08/09/2007 has revealed that there is 1 Proposed NPL 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>
<b><i>LOWER DUWAMISH WATERWAY</i></b>	<b><i>RK 2.5 TO RK 10.8</i></b>	<b><i>0 - 1/8</i></b>	<b><i>0</i></b>	<b><i>8</i></b>

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

A review of the CERCLIS list, as provided by EDR, and dated 04/23/2007 has revealed that there is 1

## EXECUTIVE SUMMARY

CERCLIS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>LOWER DUWAMISH WATERWAY</b>	<b>RK 2.5 TO RK 10.8</b>	<b>0 - 1/8</b>	<b>0</b>	<b>8</b>

**CERCLIS-NFRAP:** Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 06/21/2007 has revealed that there are 5 CERC-NFRAP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>KENWORTH TRUCK CO</b>	<b>8801 E MARGINAL WAY S</b>	<b>0 - 1/8 SSE</b>	<b>D10</b>	<b>41</b>
<b>SEATTLE PORT DALLAS AVE</b>	<b>8700 DALLAS AVE S</b>	<b>1/8 - 1/4 W</b>	<b>E15</b>	<b>54</b>
<b>DIMENSIONAL ENGINEERING</b>	<b>9407 E MARGINAL WY</b>	<b>1/4 - 1/2 SSE</b>	<b>P54</b>	<b>116</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>RHODIA INC</b>	<b>9229 E MARGINAL WY S RH</b>	<b>1/4 - 1/2 S</b>	<b>28</b>	<b>73</b>
<b>BOEING PLANT 2</b>	<b>7755 E MARGINAL WAY S</b>	<b>1/4 - 1/2 NNW</b>	<b>Q60</b>	<b>129</b>

**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 06/26/2007 has revealed that there are 4 CORRACTS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BOEING D&amp;SG MFC SITE</b>	<b>1008 E MARGINAL WAY S</b>	<b>0 - 1/8 N</b>	<b>11</b>	<b>46</b>
<b>BOEING A&amp;M DEVELOPMENTAL CENTE</b>	<b>9725 E MARGINAL WAY S</b>	<b>1/2 - 1 SSE</b>	<b>R68</b>	<b>174</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>RHODIA INC</b>	<b>9229 E MARGINAL WY S RH</b>	<b>1/4 - 1/2 S</b>	<b>28</b>	<b>73</b>
<b>BOEING PLANT 2</b>	<b>7755 E MARGINAL WAY S</b>	<b>1/4 - 1/2 NNW</b>	<b>Q60</b>	<b>129</b>

**RCRAInfo:** RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act ( RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database 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 generate over 1,000

## EXECUTIVE SUMMARY

kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite 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 RCRA-TSDF list, as provided by EDR, and dated 06/13/2006 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BOEING PLANT 2</b>	<b>7755 E MARGINAL WAY S</b>	<b>1/4 - 1/2 NNW</b>	<b>Q60</b>	<b>129</b>

**RCRAInfo:** RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act ( RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database 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 generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite 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 RCRA-LQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 3 RCRA-LQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BOEING THOMPSON</b>	<b>8701 E MARGINAL WAY S</b>	<b>0 - 1/8</b>	<b>B4</b>	<b>17</b>
<b>JORGENSEN FORGE CORP</b>	<b>8531 E MARGINAL WAY S</b>	<b>0 - 1/8 ENE</b>	<b>C7</b>	<b>24</b>
<b>FORMER BASIN OIL CO INC SEATTL</b>	<b>8661 DALLAS AVENUE SOUT</b>	<b>1/8 - 1/4 W</b>	<b>E12</b>	<b>48</b>

**RCRAInfo:** RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act ( RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database 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 generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite 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 RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 10 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BOEING ISAACSON THOMPSON</b>	<b>8541 E MARGINAL WAY S</b>	<b>0 - 1/8</b>	<b>C6</b>	<b>22</b>
<b>KENWORTH TRUCK CO</b>	<b>8801 E MARGINAL WAY S</b>	<b>0 - 1/8 SSE</b>	<b>D10</b>	<b>41</b>
<b>BOEING D&amp;SG MFC SITE</b>	<b>1008 E MARGINAL WAY S</b>	<b>0 - 1/8 N</b>	<b>11</b>	<b>46</b>
<b>SEATTLE PORT DALLAS AVE</b>	<b>8700 DALLAS AVE S</b>	<b>1/8 - 1/4 W</b>	<b>E15</b>	<b>54</b>
<b>SOUTH PARK MARINA</b>	<b>8604 DALLAS AVE S</b>	<b>1/8 - 1/4 W</b>	<b>F16</b>	<b>63</b>
<b>ALLIED BOLT CO</b>	<b>8619 17TH AVE S</b>	<b>1/8 - 1/4 W</b>	<b>F17</b>	<b>64</b>
<b>NORTHWEST ANTIFREEZE SVC INC</b>	<b>8661A DALLAS AVE S</b>	<b>1/8 - 1/4 W</b>	<b>F21</b>	<b>69</b>
<b>FRONTWATER SERVICES INC</b>	<b>8661 DALLAS AVE S</b>	<b>1/8 - 1/4 W</b>	<b>F22</b>	<b>70</b>



## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BOEING KING CNTY AIRPORT OFFIC</b>	<b>9010 E MARGINAL WAY S</b>	<b>1/8 - 1/4 SE</b>	<b>25</b>	<b>72</b>
<b>BOEING AIR TRAFFIC CONTROL TOW</b>	<b>8200 E MARGINAL WAY S</b>	<b>1/8 - 1/4 N</b>	<b>26</b>	<b>73</b>

### STATE AND LOCAL RECORDS

**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, and dated 08/09/2007 has revealed that there are 29 CSCSL sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BOEING ISAACSON THOMPSON</b>	<b>8541 E MARGINAL WAY S</b>	<b>0 - 1/8</b>	<b>C6</b>	<b>22</b>
<b>JORGENSEN FORGE CORP</b>	<b>8531 E MARGINAL WAY S</b>	<b>0 - 1/8 ENE</b>	<b>C7</b>	<b>24</b>
<b>KENWORTH TRUCK PLANT</b>	<b>8801 E. MARGINAL WAY S.</b>	<b>0 - 1/8 SSE</b>	<b>D9</b>	<b>36</b>
<b>SEATTLE PORT DALLAS AVE</b>	<b>8700 DALLAS AVE S</b>	<b>1/8 - 1/4 W</b>	<b>E15</b>	<b>54</b>
<b>BASIN OIL DRUM STORAGE 17TH AV</b>	<b>8617 17TH AVE S</b>	<b>1/8 - 1/4 W</b>	<b>F18</b>	<b>65</b>
<b>BASIN OIL CO DALLAS AVE</b>	<b>8661 DALLAS AVE S</b>	<b>1/8 - 1/4 W</b>	<b>F20</b>	<b>66</b>
<b>CHEVRON 98484</b>	<b>8700 14TH AVE S</b>	<b>1/4 - 1/2 W</b>	<b>I35</b>	<b>96</b>
<b>SPENCER INDUSTRIES INC</b>	<b>8410 DALLAS AVE S</b>	<b>1/4 - 1/2 WNW</b>	<b>N51</b>	<b>112</b>
<b>PRECISION ENGINEERING INC</b>	<b>1231 S DIRECTOR ST</b>	<b>1/4 - 1/2 WSW</b>	<b>O57</b>	<b>120</b>
<b>S 96TH ST DITCH</b>	<b>S 96TH ST / DUWAMISH</b>	<b>1/4 - 1/2 SSW</b>	<b>64</b>	<b>156</b>
<b>HANGAR HOLDINGS INC.</b>	<b>7675 PERIMETER RD S</b>	<b>1/2 - 1 N</b>	<b>67</b>	<b>167</b>
<b>BOEING A&amp;M DEVELOPMENTAL CENTE</b>	<b>9725 E MARGINAL WAY S</b>	<b>1/2 - 1 SSE</b>	<b>R68</b>	<b>174</b>
<b>BOEING DEVELOPMENT CENTER NORF</b>	<b>9725 E MARGINAL WAY</b>	<b>1/2 - 1 SSE</b>	<b>R69</b>	<b>192</b>
<b>BOEING S&amp;CS ELECTRONIC MANUFAC</b>	<b>7355 PERIMETER RD S</b>	<b>1/2 - 1 N</b>	<b>S70</b>	<b>193</b>
<b>BOEING ELECTRONIC MFG</b>	<b>7300 PERIMETER RD S</b>	<b>1/2 - 1 N</b>	<b>S71</b>	<b>199</b>
<b>AIR NATIONAL</b>	<b>7277 PERIMETER RD S 215</b>	<b>1/2 - 1 N</b>	<b>73</b>	<b>203</b>
<b>MOIMOI PROPERTY</b>	<b>10118 DES MOINES MEMORI</b>	<b>1/2 - 1 S</b>	<b>75</b>	<b>206</b>
<b>ADVANCE ELECTROPLATING</b>	<b>9585 8TH AVE. S.</b>	<b>1/2 - 1 WSW</b>	<b>77</b>	<b>213</b>
<b>ASSOCIATED GROCERS INCORPORATE</b>	<b>3301 SOUTH NORFOLK</b>	<b>1/2 - 1 SE</b>	<b>78</b>	<b>222</b>
<b>MANITOWAK WESTERN</b>	<b>8250 5TH AVE S</b>	<b>1/2 - 1 WNW</b>	<b>79</b>	<b>227</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>RHODIA INC</b>	<b>9229 E MARGINAL WY S RH</b>	<b>1/4 - 1/2 S</b>	<b>28</b>	<b>73</b>
<b>LOWER DUWAMISH WATERWAY</b>	<b>LOWER DUWAMISH WATERWAY</b>	<b>1/4 - 1/2 NW</b>	<b>46</b>	<b>107</b>
<b>BOEING PLANT 2</b>	<b>7755 E MARGINAL WAY S</b>	<b>1/4 - 1/2 NNW</b>	<b>Q60</b>	<b>129</b>
<b>SEATTLE DUWAMISH CO (W00952)</b>	<b>7000 E MARGINAL WAY</b>	<b>1/2 - 1 NNW</b>	<b>65</b>	<b>160</b>
<b>AIRGAS NORPAC SEATTLE</b>	<b>7700 14TH AVE S</b>	<b>1/2 - 1 NNW</b>	<b>66</b>	<b>162</b>
<b>BOEING NORTH FIELD</b>	<b>7370 E MARGINAL WAY S</b>	<b>1/2 - 1 NNW</b>	<b>72</b>	<b>200</b>
<b>DUWAMISH RIVER SLIP 4</b>	<b>SLIP 4 DUWAMISH RIVER</b>	<b>1/2 - 1 NW</b>	<b>74</b>	<b>205</b>
<b>INTERSTATE COATINGS</b>	<b>754 S CHICAGO</b>	<b>1/2 - 1 WNW</b>	<b>76</b>	<b>208</b>
<b>CROWLEY MARINE SERVICES INC 8T</b>	<b>7400 8TH AVE S</b>	<b>1/2 - 1 NW</b>	<b>80</b>	<b>230</b>

## EXECUTIVE SUMMARY

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

A review of the HSL list, as provided by EDR, and dated 08/28/2007 has revealed that there is 1 HSL 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>
EMERALD TOOL INC Facility Type: Hazardous Sites List		1/8 - 1/4 SSE	G23	72

**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 09/10/2007 has revealed that there are 5 CSCSL NFA sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>JORGENSEN FORGE CORP</b>	<b>8531 E MARGINAL WAY S</b>	<b>0 - 1/8 ENE</b>	<b>C7</b>	<b>24</b>
<b>FLIGHTCRAFT INC SEATTLE</b>	<b>8285 PERIMETER RD S</b>	<b>1/4 - 1/2 ENE</b>	<b>38</b>	<b>99</b>
KRS MARINE	1621 S 92ND PL	1/4 - 1/2 SW	L43	106
<b>KASPAC CHIYODA PROPERTY</b>	<b>1237 S DIRECTOR ST</b>	<b>1/4 - 1/2 WSW</b>	<b>O52</b>	<b>114</b>
DIMENSIONAL ENGINEERING	9407 E MARGINAL WY	1/4 - 1/2 SSE	P55	116

**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 09/10/2007 has revealed that there are 14 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>THOMPSON SITE</b>	<b>8701 E MARGINAL WAY</b>	<b>0 - 1/8</b>	<b>B5</b>	<b>21</b>
<b>EARLE M JORGENSEN COMPANY</b>	<b>8531 E MARGINAL WAY S</b>	<b>0 - 1/8 ENE</b>	<b>C8</b>	<b>34</b>
<b>KENWORTH TRUCK PLANT</b>	<b>8801 E. MARGINAL WAY S.</b>	<b>0 - 1/8 SSE</b>	<b>D9</b>	<b>36</b>
<b>MALARKEY ASPHALT COMPANY</b>	<b>8700 DALLAS AVENUE SOUT</b>	<b>1/8 - 1/4 W</b>	<b>E14</b>	<b>53</b>
<b>SCOTT ANDREWS</b>	<b>8520 14TH AVE S</b>	<b>1/4 - 1/2 W</b>	<b>H29</b>	<b>88</b>
<b>STEPHANIE CROSBY PROPERTY</b>	<b>8621 14TH AVE S</b>	<b>1/4 - 1/2 W</b>	<b>H31</b>	<b>90</b>
<b>CHEVRON 98484</b>	<b>8700 14TH AVE S</b>	<b>1/4 - 1/2 W</b>	<b>I34</b>	<b>95</b>
<b>SCHAUER NORTHWEST INC</b>	<b>8819 14TH S</b>	<b>1/4 - 1/2 WSW</b>	<b>J39</b>	<b>102</b>
<b>FIRESTONE RETREAD PLANT #12734</b>	<b>9220 E MARGINAL WAY S</b>	<b>1/4 - 1/2 SSE</b>	<b>K42</b>	<b>105</b>
<b>ARTHUR J WARNER</b>	<b>9001 14 AVE SOUTH</b>	<b>1/4 - 1/2 WSW</b>	<b>M47</b>	<b>108</b>
<b>BUS AND AIR PARCEL SERVICE INC</b>	<b>9004 14TH SOUTH</b>	<b>1/4 - 1/2 WSW</b>	<b>M49</b>	<b>110</b>
<b>PRECISION ENGINEERING INC.</b>	<b>1231 SOUTH DIRECTOR STR</b>	<b>1/4 - 1/2 WSW</b>	<b>O56</b>	<b>117</b>
<b>MUSEUM OF FLIGHT PROPERTY</b>	<b>9404 E MARGINAL WAY S</b>	<b>1/4 - 1/2 SSE</b>	<b>P59</b>	<b>128</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PLANT II	7755 E MARGINAL WAY S	1/4 - 1/2 NNW	Q61	155

## EXECUTIVE SUMMARY

**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 09/10/2007 has revealed that there are 4 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>THOMPSON SITE</b>	<b>8701 E MARGINAL WAY</b>	<b>0 - 1/8</b>	<b>B5</b>	<b>21</b>
<b>EARLE M JORGENSEN COMPANY</b>	<b>8531 E MARGINAL WAY S</b>	<b>0 - 1/8 ENE</b>	<b>C8</b>	<b>34</b>
<b>MALARKEY ASPHALT COMPANY</b>	<b>8700 DALLAS AVENUE SOUT</b>	<b>1/8 - 1/4 W</b>	<b>E14</b>	<b>53</b>
<b>WILLARD S CROW</b>	<b>8604 DALLAS AVE S</b>	<b>1/8 - 1/4 W</b>	<b>27</b>	<b>73</b>

**MANIFEST:** Hazardous waste manifest information.

A review of the WA MANIFEST list, as provided by EDR, and dated 12/31/2006 has revealed that there are 4 WA MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BOEING THOMPSON</b>	<b>8701 E MARGINAL WAY S</b>	<b>0 - 1/8</b>	<b>B4</b>	<b>17</b>
<b>JORGENSEN FORGE CORP</b>	<b>8531 E MARGINAL WAY S</b>	<b>0 - 1/8 ENE</b>	<b>C7</b>	<b>24</b>
<b>KENWORTH TRUCK CO</b>	<b>8801 E MARGINAL WAY S</b>	<b>0 - 1/8 SSE</b>	<b>D10</b>	<b>41</b>
<b>SEATTLE PORT DALLAS AVE</b>	<b>8700 DALLAS AVE S</b>	<b>1/8 - 1/4 W</b>	<b>E15</b>	<b>54</b>

**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 ICR list, as provided by EDR, and dated 12/01/2002 has revealed that there are 21 ICR sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>JORGENSEN FORGE CORP</b>	<b>8531 E MARGINAL WAY S</b>	<b>0 - 1/8 ENE</b>	<b>C7</b>	<b>24</b>
<b>KENWORTH TRUCK PLANT</b>	<b>8801 E. MARGINAL WAY S.</b>	<b>0 - 1/8 SSE</b>	<b>D9</b>	<b>36</b>
<b>MALARKEY ASPHALT</b>	<b>8700 DALLAS AVE. S.</b>	<b>1/8 - 1/4 W</b>	<b>E13</b>	<b>51</b>
<b>ANDREWS PROPERTY</b>	<b>8520 14TH AVE. S.</b>	<b>1/4 - 1/2 W</b>	<b>H30</b>	<b>90</b>
<b>CROSBY AUTO REPAIR SHOP</b>	<b>8621 14TH AVE. S.</b>	<b>1/4 - 1/2 W</b>	<b>H32</b>	<b>91</b>
<b>CHEVRON #9 8484</b>	<b>8700 14TH AVE. S.</b>	<b>1/4 - 1/2 W</b>	<b>I33</b>	<b>91</b>
<b>AUTOMAGIC SITE (FORMER)</b>	<b>8721 14TH AVE. SE</b>	<b>1/4 - 1/2 WSW</b>	<b>I36</b>	<b>98</b>
<b>BOEING COMMERCIAL AIRPLANE GRO</b>	<b>1420 S. TRENTON ST.</b>	<b>1/4 - 1/2 WSW</b>	<b>J37</b>	<b>99</b>
<b>FLIGHTCRAFT INC SEATTLE</b>	<b>8285 PERIMETER RD S</b>	<b>1/4 - 1/2 ENE</b>	<b>38</b>	<b>99</b>
<b>ARCO</b>	<b>8819 14TH AVE. S.</b>	<b>1/4 - 1/2 WSW</b>	<b>J40</b>	<b>104</b>
<b>KING COUNTY AIRPORT - HANGAR</b>	<b>9220 E. MARGINAL WAY S.</b>	<b>1/4 - 1/2 SSE</b>	<b>K41</b>	<b>105</b>
<b>KRS MARINE</b>	<b>1621 S. 92ND PL.</b>	<b>1/4 - 1/2 SW</b>	<b>L45</b>	<b>107</b>
<b>WARNERS' AUTO REPAIR</b>	<b>9001 14TH AVE. S.</b>	<b>1/4 - 1/2 WSW</b>	<b>M48</b>	<b>110</b>
<b>SPENCER INDUSTRIES, INC.</b>	<b>8410 DALLAS AVE. S.</b>	<b>1/4 - 1/2 WNW</b>	<b>N50</b>	<b>112</b>
<b>CHIYODA INTERNATIONAL/KASPAC</b>	<b>1237 S. DIRECTOR ST.</b>	<b>1/4 - 1/2 WSW</b>	<b>O53</b>	<b>115</b>
<b>PRECISION ENGINEERING INC.</b>	<b>1231 SOUTH DIRECTOR STR</b>	<b>1/4 - 1/2 WSW</b>	<b>O56</b>	<b>117</b>
<b>PRECISION ENGINEERING INC</b>	<b>1231 S DIRECTOR ST</b>	<b>1/4 - 1/2 WSW</b>	<b>O57</b>	<b>120</b>
<b>MUSEUM OF FLIGHT PROPERTY</b>	<b>9404 E. MARGINAL WAY S.</b>	<b>1/4 - 1/2 SSE</b>	<b>P58</b>	<b>128</b>
<b>GALVIN FLYING SERVICES INC</b>	<b>7777 PERIMETER ROAD S.</b>	<b>1/4 - 1/2 N</b>	<b>63</b>	<b>156</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BOEING PLANT 2</b>	<b>7755 E MARGINAL WAY S</b>	<b>1/4 - 1/2 NNW</b>	<b>Q60</b>	<b>129</b>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BOEING CO. PLANT 2 - BLDG. 2-6	7755 E. MARGINAL WAY S.	1/4 - 1/2 NNW	Q62	156

**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 09/10/2007 has revealed that there are 4 VCP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BASIN OIL CO DALLAS AVE</b>	<b>8661 DALLAS AVE S</b>	<b>1/8 - 1/4 W</b>	<b>F20</b>	<b>66</b>
<b>CHEVRON 98484</b>	<b>8700 14TH AVE S</b>	<b>1/4 - 1/2 W</b>	<b>I35</b>	<b>96</b>
<b>KRS MARINE</b>	<b>1621 S 92ND PL</b>	<b>1/4 - 1/2 SW</b>	<b>L44</b>	<b>107</b>
<b>PRECISION ENGINEERING INC</b>	<b>1231 S DIRECTOR ST</b>	<b>1/4 - 1/2 WSW</b>	<b>O57</b>	<b>120</b>

**BROWNFIELDS:** A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

A review of the BROWNFIELDS list, as provided by EDR, and dated 08/09/2007 has revealed that there is 1 BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>JORGENSEN FORGE CORP</b>	<b>8531 E MARGINAL WAY S</b>	<b>0 - 1/8 ENE</b>	<b>C7</b>	<b>24</b>

### EDR PROPRIETARY RECORDS

**EDR Historical Auto Stations:** EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

A review of the EDR Historical Auto Stations list, as provided by EDR, has revealed that there are 2 EDR Historical Auto Stations sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PERETTI FRANK	9000 E MARGINAL WAY	1/8 - 1/4 SSE	G19	66
TOELLNER AUG	9001 E MARGINAL WAY	1/8 - 1/4 SSE	G24	72

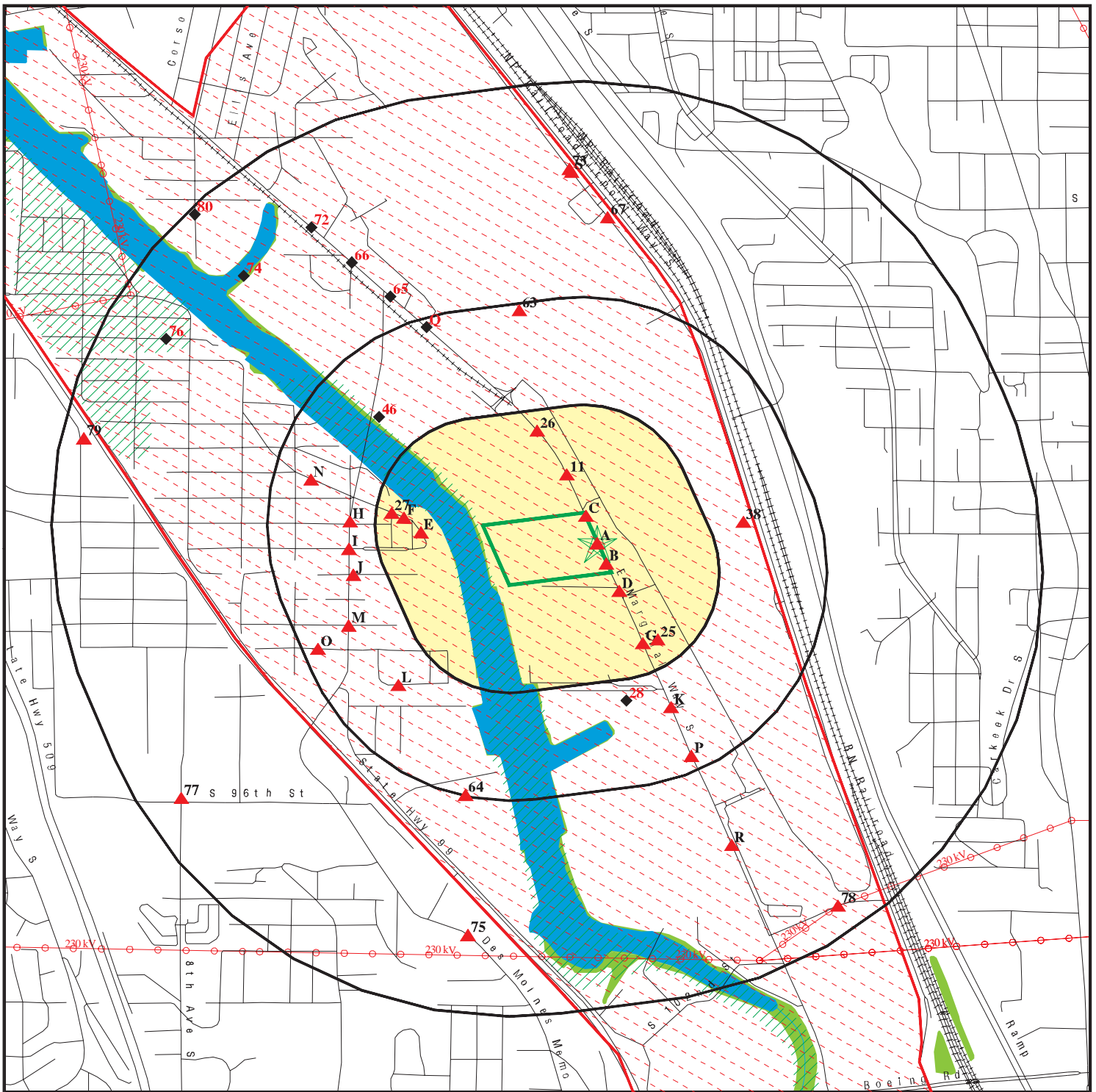














## EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
MCMICKEN HEIGHTS	SWF/LF
RENTON JUNCTION (MONSTER ROAD)	SWF/LF
BOW LAKE ABANDONED LANDFILL	SWF/LF
CORLISS ABANDONED LANDFILL	SWF/LF
PUYALLUP/KIT CORNER ABANDONED LAND	SWF/LF
WASTE MOBILE COLLECTIONS	SWF/LF
AUBURN (M & R STREET SITE)	SWF/LF
AUBURN (ROTARY PARK SITE)	SWF/LF
BOW LAKE	SWF/LF
CARTON & BORTH	SWF/LF
CORLISS LANDFILL	SWF/LF
EASTGATE ABANDONED LANDFILL	SWF/LF
ENUMCLAW	SWF/LF
FACTORIA PIT (SUNSET RAVINE PARK)	SWF/LF
H.H. OLESON	SWF/LF
HOUGHTON	SWF/LF
KENT ABANDONED LANDFILL (MILL CREE	SWF/LF
NORTH BEND	SWF/LF
PACIFIC CITY	SWF/LF
8801 E MARGINAL WAY S	UST

# OVERVIEW MAP - 2105962.2s



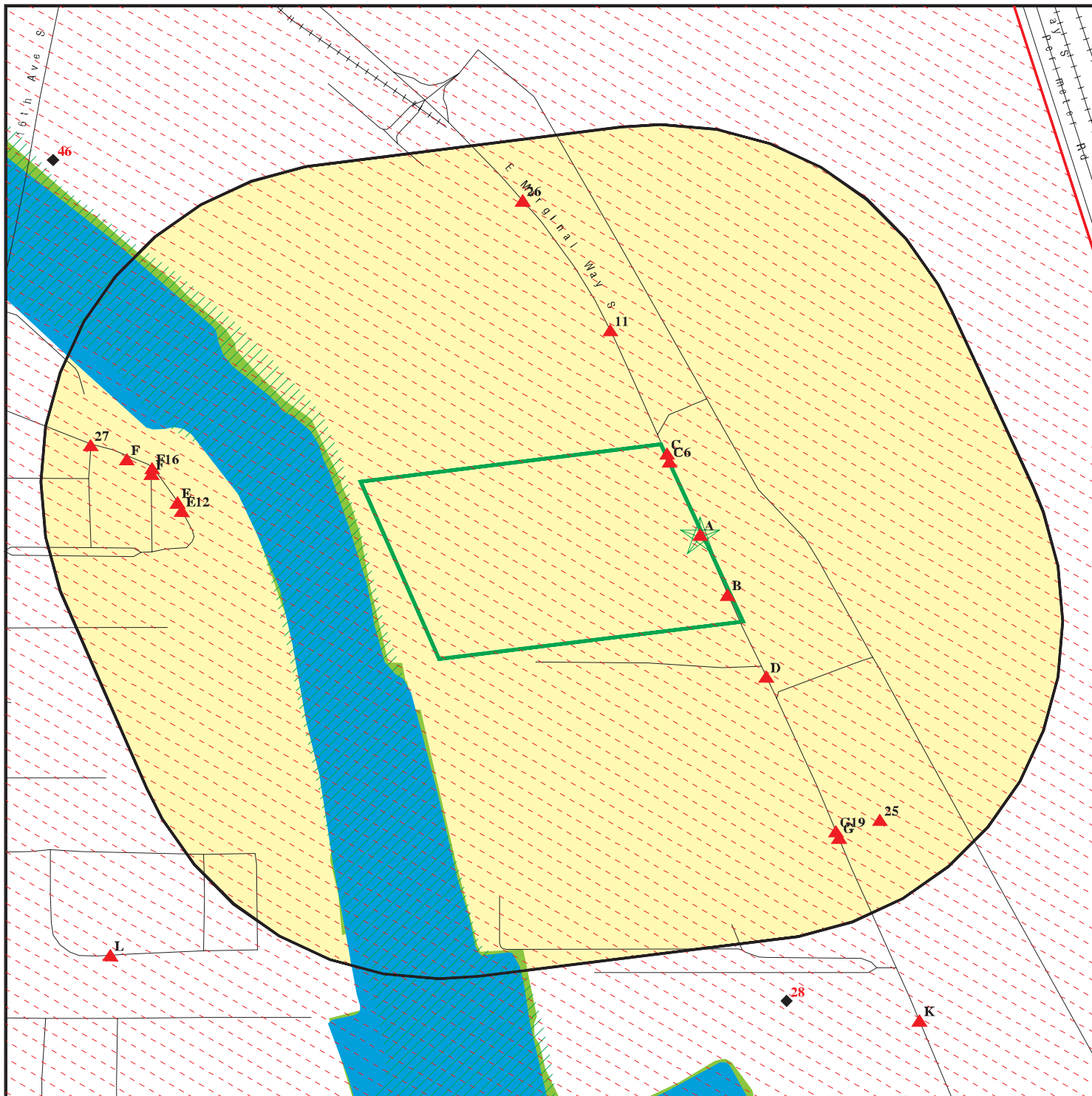
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  Oil & Gas pipelines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory








This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.






SITE NAME: Boeing Issacson/Thompson  
 ADDRESS: 8625 East Marginal Way S  
 Tukwila WA 98108  
 LAT/LONG: 47.5258 / 122.3026

CLIENT: Landau Associates, Inc.  
 CONTACT: Brett Borgeson  
 INQUIRY #: 2105962.2s  
 DATE: December 21, 2007 9:42 am

# DETAIL MAP - 2105962.2s



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Oil & Gas pipelines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Boeing Issacson/Thompson  
 ADDRESS: 8625 East Marginal Way S  
 Tukwila WA 98108  
 LAT/LONG: 47.5258 / 122.3026

CLIENT: Landau Associates, Inc.  
 CONTACT: Brett Borgeson  
 INQUIRY #: 2105962.2s  
 DATE: December 21, 2007 9:43 am

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL RECORDS</u></b>								
NPL		1.000	1	0	0	0	NR	1
Proposed NPL		1.000	1	0	0	0	NR	1
Delisted NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	1	0	0	NR	NR	1
CERC-NFRAP		0.500	1	1	3	NR	NR	5
CORRACTS		1.000	1	0	2	1	NR	4
RCRA TSD		0.500	0	0	1	NR	NR	1
RCRA Lg. Quan. Gen.		0.250	2	1	NR	NR	NR	3
RCRA Sm. Quan. Gen.		0.250	3	7	NR	NR	NR	10
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
LIENS 2		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
<b><u>STATE AND LOCAL RECORDS</u></b>								
CSCSL	X	1.000	3	3	7	16	NR	29
HSL		1.000	0	1	0	0	NR	1
CSCSL NFA		0.500	1	0	4	NR	NR	5
State Landfill		0.500	0	0	0	NR	NR	0
SWTIRE		0.500	0	0	0	NR	NR	0
LUST		0.500	3	1	10	NR	NR	14
UST		0.250	2	2	NR	NR	NR	4

## 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
AST		0.250	0	0	NR	NR	NR	0
MANIFEST		0.250	3	1	NR	NR	NR	4
SPILLS		TP	NR	NR	NR	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
ICR	X	0.500	2	1	18	NR	NR	21
VCP	X	0.500	0	1	3	NR	NR	4
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	1	0	0	NR	NR	1
CDL		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
WA Air Emissions		TP	NR	NR	NR	NR	NR	0
Inactive Drycleaners		0.250	0	0	NR	NR	NR	0
<b><u>TRIBAL RECORDS</u></b>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	2	NR	NR	NR	2
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

**NOTES:**

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**      **BOEING ISAACSON PROPERTY**  
**Target**    **8625 E MARGINAL WAY**  
**Property**   **SEATTLE, WA 98108**

**FINDS**    **1007079749**  
**VCP**      **110015564646**

**Site 1 of 3 in cluster A**

**Actual:**  
**12 ft.**

**FINDS:**  
 Other Pertinent Environmental Activity Identified at Site

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**VCP:**

Facility ID:      1138721  
 Ecology Status: Independent Remedial Action  
 WARM BIN #:    Not reported  
 NFA Code:       Not reported  
 Program Plan:   4

Facility ID:      1138721  
 Ecology Status: Independent Remedial Action  
 WARM BIN #:    Not reported  
 NFA Code:       Not reported  
 Program Plan:   4

**A2**      **ISAACSON PROPERTY**  
**Target**    **8625 E. MARGINAL WAY**  
**Property**   **SEATTLE, WA 98108**

**ICR**      **S104485944**  
**N/A**

**Site 2 of 3 in cluster A**

**Actual:**  
**12 ft.**

**ICR:**  
 Date Ecology Received Report:    04/06/2000  
 Contaminants Found at Site:        Metals  
 Media Contaminated:                Soil  
 Waste Management:                 Not reported  
 Region:                                  North Western  
 Type of Report Ecology Received:   Final cleanup report  
 Site Register Issue:                 98-25  
 County Code:                          17.00000  
 Contact:                                 Not reported  
 Report Title:                            Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Database(s)  
 EDR ID Number  
 EPA ID Number

**A3**      **BOEING ISAACSON PROPERTY**  
**Target**    **8625 E MARGINAL WAY**  
**Property**   **SEATTLE, WA 98108**

**CSCSL**    **S104490866**  
**N/A**

**Actual:**  
**12 ft.**

**Site 3 of 3 in cluster A**

CSCSL:

Facility ID:	1138721	
warm_bin_n:	Not reported	
Prog plan code:	4	
Latitude:	47.524931000000002	
Longitude:	-122.303364	
Lat/Long:	47.524931000000002 / -122.303364	
Lat/Long (dms):	47 31 29.7516000000081 / 122 18 12.1104000000071	
Media ID:	6932	
Media Type Desc:	Soil	
Media Status Desc:	Confirmed	
Affected Media:	Soil	
Affected Media Status:	C	
Pesticides:	Not reported	
Petroleum Products:	Not reported	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:	Not reported	
Base/Neutral/Acid Organics:	Not reported	
Halogenated Organic Compounds:	Not reported	
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels	
Metals - Other non-priority pollutant medals:	Not reported	
Polychlorinated biPhenyls (PCBs):	Not reported	
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported	
Conventional Contaminants, Organic:	Not reported	
Conventional Contaminants, Inorganic:	Not reported	
Tibutyl Tin Contaminant Group:	Not reported	
Bioassay/Benthic Failures Contaminant Group:	Not reported	
Wood Debris Contaminant Group:	Not reported	
Other Deleterious Substance Group:	Not reported	
Ecology Site Status (MTCA cleanup process):	Independent Remedial Action	
Independent Site Status (independent cleanup):	Final Independent Remedial Action Report received	

Facility ID:	1138721	
warm_bin_n:	Not reported	
Prog plan code:	4	
Latitude:	47.524931000000002	
Longitude:	-122.303364	
Lat/Long:	47.524931000000002 / -122.303364	
Lat/Long (dms):	47 31 29.7516000000081 / 122 18 12.1104000000071	
Media ID:	6933	
Media Type Desc:	Groundwater	
Media Status Desc:	Confirmed	
Affected Media:	Ground Water	
Affected Media Status:	C	

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING ISAACSON PROPERTY (Continued)**

**S104490866**

Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Responsible Unit:	Northwest Region
Arsenic Code:	Not reported
MTBE Code:	Not reported
UXO Code:	Not reported
Dioxin:	Not reported
Non-Halogenated Solvents:	Not reported
Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported
Tibutyl Tin Contaminant Group:	Not reported
Bioassay/Benthic Failures Contaminant Group:	Not reported
Wood Debris Contaminant Group:	Not reported
Other Deleterious Substance Group:	Not reported
Ecology Site Status (MTCA cleanup process):	Independent Remedial Action
Independent Site Status (independent cleanup):	Final Independent Remedial Action Report received

**NPL  
 Region**  
  
 < 1/8  
 1 ft.

**LOWER DUWAMISH WATERWAY  
 RK 2.5 TO RK 10.8  
 SEATTLE, WA 98168**

**CERCLIS 1001217075  
 FINDS WA0002329803  
 NPL  
 Proposed NPL**

CERCLIS:  
 Site ID: 1002020  
 Federal Facility: Not a Federal Facility  
 NPL Status: Currently on the Final NPL  
 Non NPL Status: Not reported

CERCLIS Site Contact Name(s):

Contact Name:	ALLISON HILTNER
Contact Tel:	(206) 553-2140
Contact Title:	Remedial Project Manager (RPM)
Contact Name:	MONICA TONEL
Contact Tel:	(206) 553-0323
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	KAREN KEELEY
Contact Tel:	(206) 553-2141
Contact Title:	Remedial Project Manager (RPM)
Contact Name:	KRIS FLINT
Contact Tel:	(206) 553-8155
Contact Title:	Remedial Project Manager (RPM)

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**LOWER DUWAMISH WATERWAY (Continued)**

**1001217075**

Contact Name: CLAIRE HONG  
Contact Tel: (206) 553-1813  
Contact Title: Remedial Project Manager (RPM)

Contact Name: Piper Peterson Lee  
Contact Tel: (206) 553-4951  
Contact Title: Remedial Project Manager (RPM)

CERCLIS Site Alias Name(s):

Alias Name: LOWER DUWAMISH RIVER RM 1.5  
Alias Address: RIVER MILE 1.5  
SEATTLE, WA 98134

Alias Name: LOWER DUWAMISH RIVER RM 2.5  
Alias Address: RIVER MILE 1.5  
SEATTLE, WA 98134

Alias Name: LOWER DUWAMISH RIVER KM 1.5  
Alias Address: RIVER KILOMETER 1.5  
SEATTLE, WA 98134

Alias Name: LOWER DUWAMISH RIVER KM 2.5  
Alias Address: RIVER KILOMETER 2.5  
SEATTLE, WA 98134

Alias Name: LOWER DUWAMISH WATERWAY  
Alias Address: RIVER KILOMETER 2.5 TO 11.5  
SEATTLE, WA 98134

Alias Name: LOWER DUWAMISH RIVER KM 2.5-10.8  
Alias Address: RIVER MILE 2.5  
SEATTLE, WA 98134

Alias Name: LOWER DUWAMISH RIVER KM 2.5-10.8  
Alias Address: KILOMETER 2.5 TO 10.8  
SEATTLE, WA 98134

Alias Name: LOWER DUWAMISH WATERWAY  
Alias Address: RK 2.5 TO RK 10.8  
SEATTLE, WA 98168

Site Description: Not reported

CERCLIS Assessment History:

Action: DISCOVERY  
Date Started: Not reported  
Date Completed: 03/25/1998  
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
Date Started: 04/15/1998  
Date Completed: 04/21/1999  
Priority Level: High

Action: SITE INSPECTION  
Date Started: 04/15/1998  
Date Completed: 04/21/1999  
Priority Level: High

Action: PROPOSAL TO NATIONAL PRIORITIES LIST  
Date Started: Not reported  
Date Completed: 12/01/2000  
Priority Level: Not reported

Action: HAZARD RANKING SYSTEM PACKAGE

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**LOWER DUWAMISH WATERWAY (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

1001217075

Date Started:	Not reported
Date Completed:	12/01/2000
Priority Level:	Being considered for proposal to the NPL
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	12/20/2000
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	12/20/2000
Date Completed:	Not reported
Priority Level:	Not reported
Action:	FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	09/13/2001
Priority Level:	Not reported
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	07/10/2003
Priority Level:	Not reported
Action:	ENGINEERING EVALUATION/COST ANALYSIS
Date Started:	07/07/2004
Date Completed:	07/22/2005
Priority Level:	Not reported
Action:	TECHNICAL ASSISTANCE GRANT
Date Started:	08/07/2001
Date Completed:	09/30/2005
Priority Level:	Not reported
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	10/17/2005
Priority Level:	Not reported
Action:	REMOVAL NEGOTIATIONS
Date Started:	Not reported
Date Completed:	10/17/2005
Priority Level:	Not reported
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	12/22/2005
Priority Level:	Not reported
Action:	REMOVAL NEGOTIATIONS
Date Started:	Not reported
Date Completed:	12/22/2005
Priority Level:	Not reported
Action:	TECHNICAL ASSISTANCE GRANT
Date Started:	03/06/2006



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**LOWER DUWAMISH WATERWAY (Continued)**

**1001217075**

Date Completed:	Not reported
Priority Level:	Not reported
Action:	ENGINEERING EVALUATION/COST ANALYSIS
Date Started:	06/15/2004
Date Completed:	05/05/2006
Priority Level:	Not reported
Action:	REMOVAL NEGOTIATIONS
Date Started:	Not reported
Date Completed:	08/11/2006
Priority Level:	Not reported
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	08/11/2006
Priority Level:	Not reported
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	09/28/2006
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIVE; BLE PARTY REMOVAL
Date Started:	09/05/2006
Date Completed:	11/10/2006
Priority Level:	Stabilized
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	02/02/2007
Priority Level:	Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**LOWER DUWAMISH WATERWAY (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

Site

**1001217075**

that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

**NPL:**

EPA ID: WA0002329803  
EPA Region: 10  
Federal: No  
Final Date: 09/13/2001

**Site Details:**

Site Name: LOWER DUWAMISH WATERWAY  
Site Status: Final  
Status Date: 09/13/01  
Site City: SEATTLE  
Site State: WA  
Federal Site: Not a Federal Facility  
HRS Score: 50.00  
GW Score: 0.00  
SW Score: 100.00  
Air Score: Not reported  
Soil Score: Not reported  
DC Score: Not reported  
FE Score: Not reported

**Substance Details:**

NPL Status: Currently on the Final NPL  
Substance ID: Not reported  
Substance: Not reported  
CAS #: Not reported  
Pathway: Not reported  
Scoring: Not reported

NPL Status: Currently on the Final NPL  
Substance ID: 3001  
Substance: ALFA-TOXINS  
CAS #: 333-41-5  
Pathway: NO PATHWAY INDICATED  
Scoring: 1

NPL Status: Currently on the Final NPL  
Substance ID: A005  
Substance: ARSENIC AND COMPOUNDS  
CAS #: Not reported  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: A008  
Substance: BENZOFLUORANTHENE, 2,3-  
CAS #: Not reported  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: A009

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

LOWER DUWAMISH WATERWAY (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1001217075

Substance: BENZO(K)FLUORANTHENE  
CAS #: 207-08-9  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: A020  
Substance: CHROMIUM AND COMPOUNDS  
CAS #: Not reported  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: A038  
Substance: NICKEL AND COMPOUNDS  
CAS #: Not reported  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: A046  
Substance: POLYCHLORINATED BIPHENYLS  
CAS #: 1336-36-3  
Pathway: SURFACE WATER PATHWAY  
Scoring: 4

NPL Status: Currently on the Final NPL  
Substance ID: C013  
Substance: ANTHRACENE  
CAS #: 120-12-7  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: C178  
Substance: COPPER AND COMPOUNDS  
CAS #: Not reported  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: C332  
Substance: PHENANTHRENE  
CAS #: 85-01-8  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: C385  
Substance: PYRENE  
CAS #: 129-00-0  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: C431  
Substance: FLUORENE

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

LOWER DUWAMISH WATERWAY (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1001217075

CAS #: 86-73-7  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: C460  
Substance: MERCURY  
CAS #: 7439-97-6  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: D006  
Substance: CADMIUM (CD)  
CAS #: 7440-43-9  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: U018  
Substance: BENZ(A)ANTHRACENE  
CAS #: 56-55-3  
Pathway: SURFACE WATER PATHWAY  
Scoring: 4

NPL Status: Currently on the Final NPL  
Substance ID: U022  
Substance: BENZO(A)PYRENE  
CAS #: 50-32-8  
Pathway: SURFACE WATER PATHWAY  
Scoring: 4

NPL Status: Currently on the Final NPL  
Substance ID: U028  
Substance: BIS(2-ETHYLHEXYL)PHTHALATE  
CAS #: 117-81-7  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: U050  
Substance: CHRYSENE  
CAS #: 218-01-9  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: U063  
Substance: DIBENZ(A,H)ANTHRACENE  
CAS #: 53-70-3  
Pathway: SURFACE WATER PATHWAY  
Scoring: 4

NPL Status: Currently on the Final NPL  
Substance ID: U120  
Substance: BENZO(J,K)FLUORENE  
CAS #: 206-44-0

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

EDR ID Number  
 EPA ID Number

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**LOWER DUWAMISH WATERWAY (Continued)**

**1001217075**

Pathway: SURFACE WATER PATHWAY  
 Scoring: 2

NPL Status: Currently on the Final NPL  
 Substance ID: U137  
 Substance: INDENO(1,2,3-CD)PYRENE  
 CAS #: 193-39-5  
 Pathway: SURFACE WATER PATHWAY  
 Scoring: 2

NPL Status: Currently on the Final NPL  
 Substance ID: Z038  
 Substance: TRIBUTYLTIN  
 CAS #: 688-73-3  
 Pathway: SURFACE WATER PATHWAY  
 Scoring: 2

NPL Status: Currently on the Final NPL  
 Substance ID: Z039  
 Substance: DI-N-BUTYLTIN  
 CAS #: 1002-53-5  
 Pathway: SURFACE WATER PATHWAY  
 Scoring: 2

NPL Status: Currently on the Final NPL  
 Substance ID: Z040  
 Substance: N-BUTYLTIN  
 CAS #: 2406-65-7  
 Pathway: NO PATHWAY INDICATED  
 Scoring: 1

NPL Status: Currently on the Final NPL  
 Substance ID: Z041  
 Substance: TETRA-N-BUTYLTIN  
 CAS #: 1461-25-2  
 Pathway: NO PATHWAY INDICATED  
 Scoring: 1

Summary Details:

Conditions at Proposal December 1, 2000): Sediments in the lower Duwamish River are contaminated with semivolatile organic compounds, PCBs, inorganics, and organotins. In order to address the long-term threat to the human food chain and sensitive environments in the river, the EPA is adding this site to the NPL. The Duwamish River originates at the confluence of the Green and Black Rivers near Tukwila, Washington, then flows northeast for approximately 21 river kilometers, dividing at the southern end of Harbor Island to form the East and West waterways prior to discharging into Elliot Bay at Seattle, Washington. A segment of the river is maintained by the US Army Corps of Engineers as a federal navigation channel i.e., the reachdownchannel of Turning Basin 3). The shorelines along the majority of the Duwamish Waterway have been developed for industrial and commercial operations. Much of the upland areas are heavily industrial. In addition, this reach of the river is the receiving water body for discharges from over 100 storm drains, combined sewer overflows CSOs), and other outfalls. Historical or current commercial and industrial operations include cargo handling and storage; marine construction; boatmanufacturing; marina operations; paper and metals fabrication; food processing; and airplane parts manufacturing. Contaminants



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**LOWER DUWAMISH WATERWAY (Continued)**

**1001217075**

may have entered the river via several transport mechanisms, including spillage during product shipping and handling, direct disposal or discharge, contaminated ground water discharge, surface water runoff, storm water discharge, or contaminated soil erosion. The presence of polychlorinated terphenyl (PCT), polychlorinated biphenyl (PCB), inorganic, semivolatle organic compound, and organotin contamination to surface sediments has been documented in the lower Duwamish River. In addition, subsurface sample results indicate that semivolatle organic compound, inorganic, and organotin contamination exists up to a depth of 1.2 meters (i.e., 4 feet) at some locations within the river. Numerous investigations performed by USEPA, the Boeing Company, King County Department of Natural Resources, and the National Oceanographic and Atmospheric Administration (NOAA) have been conducted with varying scopes and have led to the documentation of the contamination in the lower Duwamish River. The lower Duwamish River is fished for recreational, commercial, and subsistence purposes. Three salmon hatcheries within the Green-Duwamish River system release approximately 10 million juvenile salmon each year. The Duwamish River is part of the traditional fishing grounds for the Muckleshoot and Suquamish Indian tribes. The National Marine Fisheries Service, has conducted numerous studies on the effects of contaminated sediments on biotic resources in the Duwamish River and elsewhere in Puget Sound. This research has shown that juvenile salmon from the Duwamish River exhibit reduced growth and immune system function relative to salmon from uncontaminated areas. The lower Duwamish River serves as a migratory route, nursery, and osmoregulatory transition one for several species of Pacific salmon. Puget Sound Chinook salmon are federally listed as threatened and utilize the lower Duwamish River during a critical stage of their migration from a fresh water to a salt water environment. The federal candidate species Coho salmon also occurs in this area as does a nesting territory for the federal listed threatened Bald eagle and a wetland. Status September 2001): EPA is considering various alternatives for this site. The description of the site release) is based on information available at the time the site was evaluated with the HRS. The description may change as additional information is gathered on the sources and extent of contamination. See 56 FR 5600, February 11, 1991, or subsequent FR notices. For more information about the hazardous substances identified in this narrative summary, including general information regarding the effects of exposure to these substances on human health, please see the Agency for Toxic Substances and Disease Registry (ATSDR) ToxFAQs. ATSDR ToxFAQs can be found on the Internet at <http://www.atsdr.cdc.gov/toxfaq.html> or by telephone at 1-888-42-ATSDR or 1-888-422-8737.

Site Status Details:

NPL Status: Final  
Proposed Date: 12/01/2000  
Final Date: 09/13/2001  
Deleted Date: Not reported

Narratives Details:

NPL Name: LOWER DUWAMISH WATERWAY  
City: SEATTLE  
State: WA

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**B4**

**BOEING THOMPSON  
 8701 E MARGINAL WAY S  
 SEATTLE, WA 98108**

**FINDS  
 RCRA-LQG  
 WA MANIFEST**

**1000257109  
 WAD980982912**

< 1/8  
 1 ft.

**Site 1 of 2 in cluster B**

**Relative:  
 Higher**

FINDS:  
 Other Pertinent Environmental Activity Identified at Site

**Actual:  
 12 ft.**

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**RCRAInfo:**

Owner: BOEING CO  
 (425)865-2400  
 EPA ID: WAD980982912  
 Contact: TIMOTHY SAVAGE  
 (425) 237-9043  
 Classification: Large Quantity Generator  
 TSDF Activities: Not reported

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 2005

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	1225.00	D002	150.00
D005	14855.00	D006	14855.00
D007	15005.00	D008	15205.00
D009	350.00	D010	14505.00
D011	350.00	D018	13980.00
D035	350.00		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**BOEING THOMPSON (Continued)**

**1000257109**

Violation Status: No violations found

WA MANIFEST:

Facility Site ID Number: 83767996  
Permit by Rule: No  
Treatment by Generator: No  
Mixed radioactive waste: No  
Importer of hazardous waste: No  
Immediate recycler: No  
Treatment/Storage/Disposal/Recycling Facility: No  
Generator of dangerous fuel waste: No  
Generator marketing to burner: No  
"Other marketers (i.e., blender, distributor, etc.)": No  
Utility boiler burner: No  
Industry boiler burner: No  
Industrial Furnace: No  
Smelter deferral: No  
Universal waste - batteries - generate: No  
Universal waste - thermostats - generate: No  
Universal waste - mercury - generate: No  
Universal waste - lamps - generate: No  
Universal waste - batteries - accumulate: No  
Universal waste - thermostats - accumulate: No  
Universal waste - mercury - accumulate: No  
Universal waste - lamps - accumulate: No  
Destination Facility for Universal Waste: No  
Off-specification used oil burner - utility boiler: No  
Off-specification used oil burner - industrial boiler: No  
Off-specification used oil burner - industrial furnace: No  
EPA ID: WAD980982912  
Facility Address 2: Not reported  
TAX REG NBR: 910425694  
NAICS CD: 336411  
BUSINESS TYPE: Aircraft Manufacturing  
MAIL NAME: The Boeing Company  
MAIL ADDR LINE1: PO Box 3707 M/C 67-74  
MAIL CITY,ST,ZIP: SEATTLE, WA 98124-2207  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: The Boeing Company  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: Office of the General Counsel  
LEGAL ADDR LINE2: 100 N. Riverside  
LEGAL CITY,ST,ZIP: Chicago, IL 60606-1596  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: 312-544-2800  
LEGAL EFFECTIVE DATE: 7/30/1996  
LAND ORG NAME: The Boeing Company  
LAND ORG TYPE: Private  
LAND PERSON NAME: Not reported  
LAND ADDR LINE1: Office of the General Counsel  
LAND ADDR LINE2: 100 N. Riverside  
LAND CITY,ST,ZIP: Chicago, IL 60606-1596  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: 312-544-2800  
OPERATOR ORG NAME: The Boeing Company  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: PO BOX 3707 M/C 67-74

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**BOEING THOMPSON (Continued)**

**1000257109**

OPERATOR CITY,ST,ZIP: SEATTLE, WA 98124-2207  
 OPERATOR COUNTRY: UNITED STATES  
 OPERATOR PHONE NBR: 425.965-1567  
 OPERATOR EFFECTIVE DATE: 1/1/1997  
 SITE CONTACT NAME: Michael L Verhaar  
 SITE CONTACT ADDR LINE1: PO Box 3707 MS 67-74  
 SITE CONTACT ZIP: SEATTLE, WA 98124-2207  
 SITE CONTACT COUNTRY: UNITED STATES  
 SITE CONTACT PHONE NBR: (425)965-1567  
 SITE CONTACT EMAIL: Not reported  
 FORM CONTACT NAME: Timothy J Savage  
 FORM CONTACT ADDR LINE1: PO Box 3707  
 FORM CONTACT ADDR LINE2: M/C 67-74  
 FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98124-2207  
 FORM CONTACT COUNTRY: UNITED STATES  
 FORM CONTACT PHONE NBR: (425)965-1567  
 FORM CONTACT EMAIL: timothy.j.savage@boeing.com  
 GEN STATUS CD: LQG  
 MONTHLY GENERATION: Yes  
 BATCH GENERATION: No  
 ONE TIME GENERATION: No  
 TRANSPORTS OWN WASTE: No  
 TRANSPORTS OTHRS WASTE: No  
 RECYCLER ONSITE: No  
 TRANSFER FACILITY: No  
 OTHER EXEMPTION: Not reported  
 UW BATTERY GEN: No  
 USED OIL TRANSPORTER: No  
 USED OIL TRANSFER FACILITY: No  
 USED OIL PROCESSOR: No  
 USED OIL REREFINER: No  
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: No  
 USED OIL FUEL MRKTR MEETS SPECS: No  
  
 Facility Site ID Number: 83767996  
 Permit by Rule: FALSE  
 Treatment by Generator: FALSE  
 Mixed radioactive waste: FALSE  
 Importer of hazardous waste: FALSE  
 Immediate recycler: FALSE  
 Treatment/Storage/Disposal/Recycling Facility: FALSE  
 Generator of dangerous fuel waste: FALSE  
 Generator marketing to burner: FALSE  
 "Other marketers (i.e., blender, distributor, etc.)": FALSE  
 Utility boiler burner: FALSE  
 Industry boiler burner: FALSE  
 Industrial Furnace: FALSE  
 Smelter deferral: FALSE  
 Universal waste - batteries - generate: FALSE  
 Universal waste - thermostats - generate: FALSE  
 Universal waste - mercury - generate: FALSE  
 Universal waste - lamps - generate: FALSE  
 Universal waste - batteries - accumulate: FALSE  
 Universal waste - thermostats - accumulate: FALSE  
 Universal waste - mercury - accumulate: FALSE  
 Universal waste - lamps - accumulate: FALSE  
 Destination Facility for Universal Waste: FALSE

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**BOEING THOMPSON (Continued)**

**1000257109**

Off-specification used oil burner - utility boiler:    FALSE  
 Off-specification used oil burner - industrial boiler:    FALSE  
 Off-specification used oil burner - industrial furnace:    FALSE  
 EPA ID:    WAD980982912  
 Facility Address 2:    Not reported  
 TAX REG NBR:    910425694  
 NAICS CD:    336411  
 BUSINESS TYPE:    Aircraft Manufacturing  
 MAIL NAME:    The Boeing Company  
 MAIL ADDR LINE1:    PO Box 3707 M/C 67-74  
 MAIL CITY,ST,ZIP:    SEATTLE, WA 98124-2207  
 MAIL COUNTRY:    UNITED STATES  
 LEGAL ORG NAME:    The Boeing Company  
 LEGAL ORG TYPE:    Private  
 LEGAL ADDR LINE1:    Office of the General Counsel  
 LEGAL ADDR LINE2:    100 N. Riverside  
 LEGAL CITY,ST,ZIP:    Chicago, IL 60606-1596  
 LEGAL COUNTRY:    UNITED STATES  
 LEGAL PHONE NBR:    312-544-2800  
 LEGAL EFFECTIVE DATE:    7/30/1996  
 LAND ORG NAME:    The Boeing Company  
 LAND ORG TYPE:    Private  
 LAND PERSON NAME:    Not reported  
 LAND ADDR LINE1:    Office of the General Counsel  
 LAND ADDR LINE2:    100 N. Riverside  
 LAND CITY,ST,ZIP:    Chicago, IL 60606-1596  
 LAND COUNTRY:    UNITED STATES  
 LAND PHONE NBR:    312-544-2800  
 OPERATOR ORG NAME:    The Boeing Company  
 OPERATOR ORG TYPE:    Private  
 OPERATOR ADDR LINE1:    PO BOX 3707 M/C 67-74  
 OPERATOR CITY,ST,ZIP:    SEATTLE, WA 98124-2207  
 OPERATOR COUNTRY:    UNITED STATES  
 OPERATOR PHONE NBR:    425.965-1567  
 OPERATOR EFFECTIVE DATE:    1/1/1997  
 SITE CONTACT NAME:    Michael L Verhaar  
 SITE CONTACT ADDR LINE1:    PO Box 3707 MS 67-74  
 SITE CONTACT ZIP:    SEATTLE, WA 98124-2207  
 SITE CONTACT COUNTRY:    UNITED STATES  
 SITE CONTACT PHONE NBR:    (425)965-1567  
 SITE CONTACT EMAIL:    Not reported  
 FORM CONTACT NAME:    Daniel M Machut  
 FORM CONTACT ADDR LINE1:    PO Box 3707  
 FORM CONTACT ADDR LINE2:    M/C 67-74  
 FORM CONTACT CITY,ST,ZIP:    SEATTLE, WA 98124-2207  
 FORM CONTACT COUNTRY:    UNITED STATES  
 FORM CONTACT PHONE NBR:    (206)655-8344  
 FORM CONTACT EMAIL:    daniel.m.machut@boeing.com  
 GEN STATUS CD:    LQG  
 MONTHLY GENERATION:    TRUE  
 BATCH GENERATION:    FALSE  
 ONE TIME GENERATION:    FALSE  
 TRANSPORTS OWN WASTE:    FALSE  
 TRANSPORTS OTHRS WASTE:    FALSE  
 RECYCLER ONSITE:    FALSE  
 TRANSFER FACILITY:    FALSE  
 OTHER EXEMPTION:    Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**BOEING THOMPSON (Continued)**

1000257109

UW BATTERY GEN: FALSE  
USED OIL TRANSPORTER: FALSE  
USED OIL TRANSFER FACILITY: FALSE  
USED OIL PROCESSOR: FALSE  
USED OIL REREFINER: FALSE  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE  
USED OIL FUEL MRKTR MEETS SPECS: FALSE

B5  
< 1/8  
1 ft.

**THOMPSON SITE**  
**8701 E MARGINAL WAY**  
**SEATTLE, WA 98108**

LUST U000594522  
UST N/A

**Site 2 of 2 in cluster B**

Relative:  
Higher

LUST:  
FS ID: 83767996  
Facility ID: 10410  
Release ID: 2557  
Alternate Name: BOEING ISAACSON THOMPSON  
Release Notification Date: 1/1/1984 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.523781 / -122.302933

Actual:  
12 ft.

FS ID: 83767996  
Facility ID: 10410  
Release ID: 2557  
Alternate Name: BOEING ISAACSON THOMPSON  
Release Notification Date: 1/1/1984 00:00:00  
Release Status Date: 6/5/2000 00:00:00  
Facility Status: Reported Cleaned Up  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.523781 / -122.302933

UST:

Facility ID: 83767996  
Site ID: 10410  
**Status: Exempt**  
Tank Name: TS 04  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Used Oil/Waste Oil  
Ecology Region: North Western  
Tank ID: 7105  
Compartment ID: 7234  
Decimal Latitude: 47.523781  
Decimal Longitude: -122.302933

Facility ID: 83767996  
Site ID: 10410  
**Status: Exempt**  
Tank Name: TS 01  
Install Date: 12/31/1964 00:00:00

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**THOMPSON SITE (Continued)**

**U000594522**

Capacity: 20,000 to 29,999 Gallons  
Compartment #: 1  
Substance: Heating Fuel  
Ecology Region: North Western  
Tank ID: 7184  
Compartment ID: 7313  
Decimal Latitude: 47.523781  
Decimal Longitude: -122.302933

Facility ID: 83767996  
Site ID: 10410  
**Status: Removed**  
Tank Name: TS 02  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Leaded Gasoline  
Ecology Region: North Western  
Tank ID: 7053  
Compartment ID: 7181  
Decimal Latitude: 47.523781  
Decimal Longitude: -122.302933

**C6**  
**< 1/8**  
**3 ft.**

**BOEING ISAACSON THOMPSON**  
**8541 E MARGINAL WAY S**  
**SEATTLE, WA 98108**

**RCRA-SQG 1000145041**  
**CSCSL WAD980836159**  
**FINDS**

**Relative:**  
**Higher**

**Site 1 of 3 in cluster C**

**Actual:**  
**12 ft.**

RCRAInfo:  
Owner: ISAACSON CORP  
EPA ID: WAD980836159  
Contact: P V  
(206) 763-8660  
  
Classification: Small Quantity Generator  
TSDF Activities: Not reported  
  
Violation Status: No violations found

**CSCSL:**

Facility ID: 2218  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 47.523766999999999  
Longitude: -122.30289999999999  
Lat/Long: 47.523766999999999 / -122.30289999999999  
Lat/Long (dms): 47 31 25.56119999999979 / 122 18 10.43999999999782  
Media ID: 2894  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: Soil  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Not reported  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**BOEING ISAACSON THOMPSON (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000145041**

Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Not reported
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		Not reported
EPA Priority Pollutants - Metals and Cyanide:		Not reported
Metals - Other non-priority pollutant medals:		Confirmed above MTCA cleanup levels
Polychlorinated biPhenyls (PCBs):		Not reported
Polynuclear Aromatic Hydrocarbons (PAH):		Not reported
Conventional Contaminants, Organic:		Not reported
Conventional Contaminants, Inorganic:		Not reported
Tibutyl Tin Contaminant Group:		Not reported
Bioassay/Benthic Failures Contaminant Group:		Not reported
Wood Debris Contaminant Group:		Not reported
Other Deleterious Substance Group:		Not reported
Ecology Site Status (MTCA cleanup process):		Awaiting Site Hazard Assessment (SHA)
Independent Site Status (independent cleanup):		Not reported
Facility ID:	2218	
warm_bin_n:	Not reported	
Prog plan code:	Not reported	
Latitude:	47.523766999999999	
Longitude:	-122.30289999999999	
Lat/Long:	47.523766999999999 / -122.30289999999999	
Lat/Long (dms):	47 31 25.5611999999979 / 122 18 10.4399999999782	
Media ID:	2895	
Media Type Desc:	Groundwater	
Media Status Desc:	Suspected	
Affected Media:	Ground Water	
Affected 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	
Pesticides:	Not reported	
Petroleum Products:	Not reported	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Not reported
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		Not reported
EPA Priority Pollutants - Metals and Cyanide:		Not reported
Metals - Other non-priority pollutant medals:		Suspected to be present
Polychlorinated biPhenyls (PCBs):		Not reported
Polynuclear Aromatic Hydrocarbons (PAH):		Not reported
Conventional Contaminants, Organic:		Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**BOEING ISAACSON THOMPSON (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000145041**

Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**C7**  
**ENE**  
**< 1/8**  
**7 ft.**  
  
**Relative:**  
**Higher**  
  
**Actual:**  
**12 ft.**

**JORGENSEN FORGE CORP**  
**8531 E MARGINAL WAY S**  
**SEATTLE, WA 98108**

**Site 2 of 3 in cluster C**

**CSCSL 1000279321**  
**RCRA-LQG 98108RLMJR85**  
**TRIS**  
**RAATS**  
**BROWNFIELDS**  
**CSCSL NFA**  
**WA MANIFEST**  
**ICR**  
**HAZNET**

**CSCSL:**

Facility ID: 2382  
 warm\_bin\_n: 1  
 Prog plan code: Not reported  
 Latitude: 47.526161000000002  
 Longitude: -122.304153  
 Lat/Long: 47.526161000000002 / -122.304153  
 Lat/Long (dms): 47 31 34.17960000006801 / 122 18 14.950799999998001  
 Media ID: 3383  
 Media Type Desc: Groundwater  
 Media Status Desc: Suspected  
 Affected Media: Ground Water  
 Affected 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  
  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**JORGENSEN FORGE CORP (Continued)**

**1000279321**

Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Suspected to be present  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2382  
 warm\_bin\_n: 1  
 Prog plan code: Not reported  
 Latitude: 47.526161000000002  
 Longitude: -122.304153  
 Lat/Long: 47.526161000000002 / -122.304153  
 Lat/Long (dms): 47 31 34.179600000006801 / 122 18 14.950799999998001  
 Media ID: 3384  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 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  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JORGENSEN FORGE CORP (Continued)**

**1000279321**

Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
Independent Site Status (independent cleanup): Not reported

RCRAInfo:

Owner: JORGENSEN FORGE  
(206)762-1100  
EPA ID: WAD000602813  
Contact: RON ALTIER  
(206)762-1100 2

Classification: Large Quantity Generator  
TSD Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 2005

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	1837.56	D002	2220.08
D003	37.50	D005	120.00
D009	7.50	D035	1800.06
K061	286850.00	P106	37.50

Violation Status: Violations exist

Regulation Violated: -200(1)(e) / -330  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 03/06/2001  
Actual Date Achieved Compliance: 04/16/2001

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/29/2001  
Penalty Type: Not reported

Regulation Violated: 200(1)(e) & 330  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 09/24/1998  
Actual Date Achieved Compliance: 11/11/1998

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/06/1998  
Penalty Type: Not reported

Regulation Violated: 200(1)(b) & 630(7)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 09/24/1998  
Actual Date Achieved Compliance: 11/09/1998

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/06/1998  
Penalty Type: Not reported

Regulation Violated: 200(1)(c) & (1)(d)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 09/24/1998  
Actual Date Achieved Compliance: 11/03/1998

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/06/1998  
Penalty Type: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**JORGENSEN FORGE CORP (Continued)**

**1000279321**

Regulation Violated: 170 &070  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 09/24/1998  
Actual Date Achieved Compliance: 11/11/1998  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/06/1998  
Penalty Type: Not reported  
  
Regulation Violated: 200(1)(b)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 09/24/1998  
Actual Date Achieved Compliance: 11/03/1998  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/06/1998  
Penalty Type: Not reported  
  
Regulation Violated: Not reported  
Area of Violation: GENERATOR-MANIFEST REQUIREMENTS  
Date Violation Determined: 09/01/1988  
Actual Date Achieved Compliance: 09/01/1988  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/06/1998  
Penalty Type: Not reported  
  
Regulation Violated: Not reported  
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS  
Date Violation Determined: 09/01/1988  
Actual Date Achieved Compliance: 09/01/1988  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/06/1998  
Penalty Type: Not reported  
  
Regulation Violated: Not reported  
Area of Violation: GENERATOR-OTHER REQUIREMENTS  
Date Violation Determined: 09/01/1988  
Actual Date Achieved Compliance: 09/01/1988  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/06/1998  
Penalty Type: Not reported  
  
Regulation Violated: Not reported  
Area of Violation: GENERATOR-OTHER REQUIREMENTS  
Date Violation Determined: 06/01/1988  
Actual Date Achieved Compliance: 06/01/1988  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/06/1998  
Penalty Type: Not reported  
  
Regulation Violated: Not reported  
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS  
Date Violation Determined: 06/01/1988  
Actual Date Achieved Compliance: 06/01/1988  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/06/1998  
Penalty Type: Not reported  
  
Regulation Violated: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**JORGENSEN FORGE CORP (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000279321**

Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
 Date Violation Determined: 11/08/1983  
 Actual Date Achieved Compliance: 05/02/1984  
 Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 02/22/1984  
 Penalty Type: Not reported  
 Regulation Violated: Not reported  
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
 Date Violation Determined: 11/08/1983  
 Actual Date Achieved Compliance: 05/02/1984  
 Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 02/22/1984  
 Penalty Type: Not reported

There are 13 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	20010416
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19981111
	GENERATOR-GENERAL REQUIREMENTS	19981111
	GENERATOR-GENERAL REQUIREMENTS	19981109
	GENERATOR-GENERAL REQUIREMENTS	19981103
	GENERATOR-GENERAL REQUIREMENTS	19981103
Other Evaluation	GENERATOR-OTHER REQUIREMENTS	19880901
	GENERATOR-LAND BAN REQUIREMENTS	19880901
	GENERATOR-MANIFEST REQUIREMENTS	19880901
Compliance Evaluation Inspection	GENERATOR-OTHER REQUIREMENTS	19880601
	GENERATOR-LAND BAN REQUIREMENTS	19880601
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19840502
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19840502

**BROWNFIELDS:**

Facility ID: 2382  
 Site Stat Code: 2

Facility ID: 2382  
 Site Stat Code: 2

**CSCSL NFA:**

Facility/Site Id: 36575469  
 Ecology Status: Independent Remedial Action  
 Program Plan Code: Not reported  
 Independent Status Code: Final Independent RA Report received  
 WARM Bin Number: Not reported  
 NFA Code: NFA after Assesment IRAP or VCP  
 NFA Date: 10/11/1999 00:00:00  
 Latitude: 47.526161  
 Longitude: -122.304153

**WA MANIFEST:**

Facility Site ID Number: 2382  
 Permit by Rule: FALSE  
 Treatment by Generator: FALSE  
 Mixed radioactive waste: FALSE  
 Importer of hazardous waste: FALSE

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

JORGENSEN FORGE CORP (Continued)

1000279321

Immediate recycler: FALSE  
Treatment/Storage/Disposal/Recycling Facility: FALSE  
Generator of dangerous fuel waste: FALSE  
Generator marketing to burner: FALSE  
"Other marketers (i.e., blender, distributor, etc.)": FALSE  
Utility boiler burner: FALSE  
Industry boiler burner: FALSE  
Industrial Furnace: FALSE  
Smelter deferral: FALSE  
Universal waste - batteries - generate: FALSE  
Universal waste - thermostats - generate: FALSE  
Universal waste - mercury - generate: FALSE  
Universal waste - lamps - generate: FALSE  
Universal waste - batteries - accumulate: FALSE  
Universal waste - thermostats - accumulate: FALSE  
Universal waste - mercury - accumulate: FALSE  
Universal waste - lamps - accumulate: FALSE  
Destination Facility for Universal Waste: FALSE  
Off-specification used oil burner - utility boiler: FALSE  
Off-specification used oil burner - industrial boiler: FALSE  
Off-specification used oil burner - industrial furnace: FALSE  
EPA ID: WAD000602813  
Facility Address 2: Not reported  
TAX REG NBR: 601395226  
NAICS CD: 332111  
BUSINESS TYPE: Open die forging  
MAIL NAME: Jorgensen Forge  
MAIL ADDR LINE1: 8531 E MARGINAL WAY S  
MAIL CITY,ST,ZIP: SEATTLE, WA 98108-4018  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: Jorgensen Forge  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: 8531 E MARGINAL WAY S  
LEGAL CITY,ST,ZIP: SEATTLE, WA 98108-4018  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: (206)762-1100  
LEGAL EFFECTIVE DATE: 6/14/1996  
LAND ORG NAME: Jorgensen Forge  
LAND ORG TYPE: Private  
LAND PERSON NAME: Not reported  
LAND ADDR LINE1: 8531 E MARGINAL WAY S  
LAND CITY,ST,ZIP: SEATTLE, WA 98108-4018  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (206)762-1100  
OPERATOR ORG NAME: JORGENSEN FORGE CORPORATION  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: 8531 E. MARGINAL WAY S.  
OPERATOR CITY,ST,ZIP: SEATTLE, WA 98108-4018  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: 206-762-1100  
OPERATOR EFFECTIVE DATE: 1/1/1997  
SITE CONTACT NAME: Ron Altier  
SITE CONTACT ADDR LINE1: 8531 E Marginal Way S  
SITE CONTACT ZIP: SEATTLE, WA 98108-4018  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: (206) 676-9249  
SITE CONTACT EMAIL: raltier@jorgensenforge.com

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

JORGENSEN FORGE CORP (Continued)

1000279321

FORM CONTACT NAME: Ron Altier  
FORM CONTACT ADDR LINE1: 8531 E Marginal Way S  
FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98108-4018  
FORM CONTACT COUNTRY: UNITED STATES  
FORM CONTACT PHONE NBR: (206) 676-9249  
FORM CONTACT EMAIL: raltier@jorgensenforge.com  
GEN STATUS CD: LQG  
MONTHLY GENERATION: FALSE  
BATCH GENERATION: TRUE  
ONE TIME GENERATION: FALSE  
TRANSPORTS OWN WASTE: FALSE  
TRANSPORTS OTHRS WASTE: FALSE  
RECYCLER ONSITE: FALSE  
TRANSFER FACILITY: FALSE  
OTHER EXEMPTION: Not reported  
UW BATTERY GEN: FALSE  
USED OIL TRANSPORTER: FALSE  
USED OIL TRANSFER FACILITY: FALSE  
USED OIL PROCESSOR: FALSE  
USED OIL REREFINER: FALSE  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE  
USED OIL FUEL MRKTR MEETS SPECS: FALSE

Facility Site ID Number: 2382  
Permit by Rule: No  
Treatment by Generator: No  
Mixed radioactive waste: No  
Importer of hazardous waste: No  
Immediate recycler: No  
Treatment/Storage/Disposal/Recycling Facility: No  
Generator of dangerous fuel waste: No  
Generator marketing to burner: No  
"Other marketers (i.e., blender, distributor, etc.)": No  
Utility boiler burner: No  
Industry boiler burner: No  
Industrial Furnace: No  
Smelter defferal: No  
Universal waste - batteries - generate: No  
Universal waste - thermostats - generate: No  
Universal waste - mercury - generate: No  
Universal waste - lamps - generate: No  
Universal waste - batteries - accumulate: No  
Universal waste - thermostats - accumulate: No  
Universal waste - mercury - accumulate: No  
Universal waste - lamps - accumulate: No  
Destination Facility for Universal Waste: No  
Off-specification used oil burner - utility boiler: No  
Off-specification used oil burner - industrial boiler: No  
Off-specification used oil burner - industrial furnace: No  
EPA ID: WAD000602813  
Facility Address 2: Not reported  
TAX REG NBR: 601395226  
NAICS CD: 332111  
BUSINESS TYPE: Open die forging  
MAIL NAME: Jorgensen Forge  
MAIL ADDR LINE1: 8531 E MARGINAL WAY S  
MAIL CITY,ST,ZIP: SEATTLE, WA 98108-4018



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

JORGENSEN FORGE CORP (Continued)

1000279321

MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: Jorgensen Forge  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: 8531 E MARGINAL WAY S  
LEGAL CITY,ST,ZIP: SEATTLE, WA 98108-4018  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: (206)762-1100  
LEGAL EFFECTIVE DATE: 6/14/1996  
LAND ORG NAME: Jorgensen Forge  
LAND ORG TYPE: Private  
LAND PERSON NAME: Not reported  
LAND ADDR LINE1: 8531 E MARGINAL WAY S  
LAND CITY,ST,ZIP: SEATTLE, WA 98108-4018  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (206)762-1100  
OPERATOR ORG NAME: JORGENSEN FORGE CORPORATION  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: 8531 E. MARGINAL WAY S.  
OPERATOR CITY,ST,ZIP: SEATTLE, WA 98108-4018  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: 206-762-1100  
OPERATOR EFFECTIVE DATE: 1/1/1997  
SITE CONTACT NAME: Ron Altier  
SITE CONTACT ADDR LINE1: 8531 E Marginal Way S  
SITE CONTACT ZIP: SEATTLE, WA 98108-4018  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: (206) 676-9249  
SITE CONTACT EMAIL: raltier@jorgensenforge.com  
FORM CONTACT NAME: Ron Altier  
FORM CONTACT ADDR LINE1: 8531 E Marginal Way S  
FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98108-4018  
FORM CONTACT COUNTRY: UNITED STATES  
FORM CONTACT PHONE NBR: (206)762-1100 249  
FORM CONTACT EMAIL: raltier@jorgensenforge.com  
GEN STATUS CD: LQG  
MONTHLY GENERATION: No  
BATCH GENERATION: Yes  
ONE TIME GENERATION: No  
TRANSPORTS OWN WASTE: No  
TRANSPORTS OTHRS WASTE: No  
RECYCLER ONSITE: No  
TRANSFER FACILITY: No  
OTHER EXEMPTION: Not reported  
UW BATTERY GEN: No  
USED OIL TRANSPORTER: No  
USED OIL TRANSFER FACILITY: No  
USED OIL PROCESSOR: No  
USED OIL REREFINER: No  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: No  
USED OIL FUEL MRKTR MEETS SPECS: No

ICR:

Date Ecology Received Report: 05/11/1998  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: North Western

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**JORGENSEN FORGE CORP (Continued)**

**1000279321**

Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-06  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 09/13/1999  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: 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: 09/14/1999  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: 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

Date Ecology Received Report: 05/13/1991  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Not reported  
Site Register Issue: 91-29  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 02/13/1992  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-19  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 03/09/1992  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-40

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

**JORGENSEN FORGE CORP (Continued)**

**1000279321**

County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported  
  
Date Ecology Received Report: 05/10/1993  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-51  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

**HAZNET:**

Gepaid: WAD000602813  
Contact: THE JORGENSEN FORGE CORP  
Telephone: 2067621100  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 8531 E MARGINAL WAY S  
Mailing City,St,Zip: SEATTLE, WA 981084018  
Gen County: 99  
TSD EPA ID: CAT000646117  
TSD County: Kings  
Waste Category: Other inorganic solid waste  
Disposal Method: Treatment, Tank  
Tons: 62.6200  
Facility County: 99

Gepaid: WAD000602813  
Contact: THE JORGENSEN FORGE CORP  
Telephone: 2067621100  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 8531 E MARGINAL WAY S  
Mailing City,St,Zip: SEATTLE, WA 981084018  
Gen County: 99  
TSD EPA ID: WAD020257945  
TSD County: 99  
Waste Category: Not reported  
Disposal Method: Not reported  
Tons: 16.6800  
Facility County: 99

Gepaid: WAD000602813  
Contact: THE JORGENSEN FORGE CORP  
Telephone: 2067621100  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 8531 E MARGINAL WAY S  
Mailing City,St,Zip: SEATTLE, WA 981084018  
Gen County: 99  
TSD EPA ID: CAT000646117  
TSD County: Kings  
Waste Category: Other inorganic solid waste

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

JORGENSEN FORGE CORP (Continued)

1000279321

Disposal Method: \*\*\*  
Tons: 15.0000  
Facility County: 99  
  
Gepaid: WAD000602813  
Contact: THE JORGENSEN FORGE CORP  
Telephone: 2067621100  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 8531 E MARGINAL WAY S  
Mailing City,St,Zip: SEATTLE, WA 981084018  
Gen County: 99  
TSD EPA ID: CAT000646117  
TSD County: Kings  
Waste Category: Other inorganic solid waste  
Disposal Method: Treatment, Tank  
Tons: 25.0000  
Facility County: 99

Gepaid: WAD000602813  
Contact: THE JORGENSEN FORGE CORP  
Telephone: 2067621100  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 8531 E MARGINAL WAY S  
Mailing City,St,Zip: SEATTLE, WA 981084018  
Gen County: 99  
TSD EPA ID: CAT000646117  
TSD County: Kings  
Waste Category: Other inorganic solid waste  
Disposal Method: Not reported  
Tons: 15.0000  
Facility County: 99

[Click this hyperlink](#) while viewing on your computer to access additional CA\_HAZNET: detail in the EDR Site Report.

C8  
ENE  
< 1/8  
7 ft.

EARLE M JORGENSEN COMPANY  
8531 E MARGINAL WAY S  
SEATTLE, WA 98108

LUST U000590825  
UST N/A

Site 3 of 3 in cluster C

Relative:  
Higher

LUST:  
FS ID: 36575469  
Facility ID: 6163  
Release ID: 2054  
Alternate Name: JORGENSEN STEEL  
Release Notification Date: 2/26/1991 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.526161000000002 / -122.304153

Actual:  
12 ft.

FS ID: 36575469  
Facility ID: 6163  
Release ID: 2054

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

EARLE M JORGENSEN COMPANY (Continued)

U000590825

Alternate Name: JORGENSEN STEEL  
Release Notification Date: 2/26/1991 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Ground Water  
Site Response Unit Code: NW  
Lat/Long: 47.526161000000002 / -122.304153

FS ID: 36575469  
Facility ID: 6163  
Release ID: 2054  
Alternate Name: JORGENSEN STEEL  
Release Notification Date: 2/26/1991 00:00:00  
Release Status Date: 10/11/1999 00:00:00  
Facility Status: Reported Cleaned Up  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.526161000000002 / -122.304153

FS ID: 36575469  
Facility ID: 6163  
Release ID: 2054  
Alternate Name: JORGENSEN STEEL  
Release Notification Date: 2/26/1991 00:00:00  
Release Status Date: 10/11/1999 00:00:00  
Facility Status: Reported Cleaned Up  
Affected Media: Ground Water  
Site Response Unit Code: NW  
Lat/Long: 47.526161000000002 / -122.304153

UST:

Facility ID: 36575469  
Site ID: 6163  
**Status: Removed**  
Tank Name: 2.  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Leaded Gasoline  
Ecology Region: North Western  
Tank ID: 14527  
Compartment ID: 14751  
Decimal Latitude: 47.526161000000002  
Decimal Longitude: -122.304153

Facility ID: 36575469  
Site ID: 6163  
**Status: Removed**  
Tank Name: 1. GASOLINE  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Leaded Gasoline  
Ecology Region: North Western  
Tank ID: 31393  
Compartment ID: 31842  
Decimal Latitude: 47.526161000000002

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**EARLE M JORGENSEN COMPANY (Continued)**

**U000590825**

Decimal Longitude: -122.304153  
  
 Facility ID: 36575469  
 Site ID: 6163  
**Status: Removed**  
 Tank Name: 3.  
 Install Date: 12/31/1964 00:00:00  
 Capacity: Not reported  
 Compartment #: 1  
 Substance: Leaded Gasoline  
 Ecology Region: North Western  
 Tank ID: 18497  
 Compartment ID: 18775  
 Decimal Latitude: 47.526161000000002  
 Decimal Longitude: -122.304153

**D9**  
**SSE**  
 < 1/8  
 247 ft.

**KENWORTH TRUCK PLANT**  
**8801 E. MARGINAL WAY S.**  
**SEATTLE, WA 98108**

**CSCSL** **U003028407**  
**LUST** **N/A**  
**ICR**

**Site 1 of 2 in cluster D**

**Relative:**  
**Higher**

**Actual:**  
**12 ft.**

**CSCSL:**  
 Facility ID: 2072  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.522150000000003  
 Longitude: -122.301533000000001  
 Lat/Long: 47.522150000000003 / -122.301533000000001  
 Lat/Long (dms): 47 31 19.74000000012401 / 122 18 5.5188000000225701  
 Media ID: 2600  
 Media Type Desc: Sediment  
 Media Status Desc: Suspected  
 Affected Media: Sediments  
 Affected 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  
  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Suspected to be present  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
  
 Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): 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

**KENWORTH TRUCK PLANT (Continued)**

**U003028407**

Tibutyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2072  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.522150000000003  
 Longitude: -122.301533000000001  
 Lat/Long: 47.522150000000003 / -122.301533000000001  
 Lat/Long (dms): 47 31 19.74000000012401 / 122 18 5.5188000000225701  
 Media ID: 2597  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: Ground Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Suspected to be present  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tibutyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2072  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.522150000000003  
 Longitude: -122.301533000000001  
 Lat/Long: 47.522150000000003 / -122.301533000000001  
 Lat/Long (dms): 47 31 19.74000000012401 / 122 18 5.5188000000225701  
 Media ID: 2598  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**KENWORTH TRUCK PLANT (Continued)**

**U003028407**

Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Confirmed above MTCA cleanup levels  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2072  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.522150000000003  
 Longitude: -122.30153300000001  
 Lat/Long: 47.522150000000003 / -122.30153300000001  
 Lat/Long (dms): 47 31 19.74000000012401 / 122 18 5.5188000000225701  
 Media ID: 2599  
 Media Type Desc: Surface Water  
 Media Status Desc: Suspected  
 Affected Media: Surface Water  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Suspected to be present  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Suspected to be present

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**KENWORTH TRUCK PLANT (Continued)**

**U003028407**

Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: S  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

**LUST:**

FS ID: 2072  
Facility ID: 8218  
Release ID: 552588  
Alternate Name: KENWORTH TRUCK CO / PACCAR INC  
Release Notification Date: 5/13/1997 00:00:00  
Release Status Date: 5/13/1997 00:00:00  
Facility Status: Awaiting Cleanup  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.522150000000003 / -122.30153300000001

FS ID: 2072  
Facility ID: 8218  
Release ID: 552588  
Alternate Name: KENWORTH TRUCK CO / PACCAR INC  
Release Notification Date: 5/13/1997 00:00:00  
Release Status Date: 7/15/1999 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Surface Water  
Site Response Unit Code: NW  
Lat/Long: 47.522150000000003 / -122.30153300000001

FS ID: 2072  
Facility ID: 8218  
Release ID: 552588  
Alternate Name: KENWORTH TRUCK CO / PACCAR INC  
Release Notification Date: 5/13/1997 00:00:00  
Release Status Date: 7/15/1999 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.522150000000003 / -122.30153300000001

FS ID: 2072  
Facility ID: 8218  
Release ID: 552588  
Alternate Name: KENWORTH TRUCK CO / PACCAR INC  
Release Notification Date: 5/13/1997 00:00:00  
Release Status Date: 5/13/1997 00:00:00  
Facility Status: Awaiting Cleanup  
Affected Media: Ground Water

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**KENWORTH TRUCK PLANT (Continued)**

**U003028407**

Site Response Unit Code: NW  
Lat/Long: 47.522150000000003 / -122.30153300000001

FS ID: 2072  
Facility ID: 8218  
Release ID: 552588  
Alternate Name: KENWORTH TRUCK CO / PACCAR INC  
Release Notification Date: 5/13/1997 00:00:00  
Release Status Date: 7/15/1999 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Ground Water  
Site Response Unit Code: NW  
Lat/Long: 47.522150000000003 / -122.30153300000001

FS ID: 2072  
Facility ID: 8218  
Release ID: 552588  
Alternate Name: KENWORTH TRUCK CO / PACCAR INC  
Release Notification Date: 5/13/1997 00:00:00  
Release Status Date: 5/13/1997 00:00:00  
Facility Status: Awaiting Cleanup  
Affected Media: Surface Water  
Site Response Unit Code: NW  
Lat/Long: 47.522150000000003 / -122.30153300000001

ICR:

Date Ecology Received Report: 08/08/1999  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Surface water, Soil  
Waste Management: 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: 09/29/1990  
Contaminants Found at Site: Halogenated organic compounds, Petroleum products, Phenolic compounds,  
Non-halogenated solvents  
Media Contaminated: Groundwater, Soil  
Waste Management: Spill, Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 90-14  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 09/25/1995  
Contaminants Found at Site: Metals, Petroleum products  
Media Contaminated: Soil  
Waste Management: Unknown  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 94-08  
County Code: 17.00000

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**KENWORTH TRUCK PLANT (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**U003028407**

Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	08/08/1999
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Surface water, Soil
Waste Management:	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:	UST Investigation Report
Date Ecology Received Report:	02/11/2000
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Surface water, Soil
Waste Management:	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:	Intent to Undertake Remedial Action

**D10  
 SSE  
 < 1/8  
 247 ft.**

**KENWORTH TRUCK CO  
 8801 E MARGINAL WAY S  
 SEATTLE, WA 98108**

**RCRA-SQG 1000438637  
 FINDS WAD009249509  
 CERC-NFRAP  
 WA MANIFEST**

**Site 2 of 2 in cluster D**

**Relative:  
 Higher**

RCRAInfo:  
 Owner: KENWORTH TRUCK COMPANY  
 EPA ID: WAD009249509  
 Contact: Not reported  
 Classification: Small Quantity Generator  
 TSDF Activities: Not reported

**Actual:  
 12 ft.**

Violation Status: Violations exist

Regulation Violated:	200 & 630 (5)(a)
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	09/01/1998
Actual Date Achieved Compliance:	10/02/1998
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/08/1998
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	04/26/1990
Actual Date Achieved Compliance:	08/27/1990
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/08/1990
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**KENWORTH TRUCK CO (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000438637**

Date Violation Determined: 04/06/1984  
 Actual Date Achieved Compliance: 08/22/1984  
 Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 07/07/1984  
 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-ALL REQUIREMENTS (OVERSIGHT)	19981002
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19900827
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19840822

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**CERC-NFRAP:**

Site ID: 1000617  
 Federal Facility: Not a Federal Facility  
 NPL Status: Not on the NPL  
 Non NPL Status: NFRAP

Site Description: Not reported

**CERCLIS-NFRAP Assessment History:**

Action: DISCOVERY



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**KENWORTH TRUCK CO (Continued)**

**1000438637**

Date Started:	Not reported
Date Completed:	11/01/1979
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	04/16/1985
Date Completed:	05/08/1985
Priority Level:	High
Action:	SITE INSPECTION
Date Started:	02/19/1987
Date Completed:	03/12/1987
Priority Level:	NFRAP (No Futher Remedial Action Planned)
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	03/12/1987
Priority Level:	Not reported

**WA MANIFEST:**

Facility Site ID Number:	2072
Permit by Rule:	FALSE
Treatment by Generator:	FALSE
Mixed radioactive waste:	FALSE
Importer of hazardous waste:	FALSE
Immediate recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of dangerous fuel waste:	FALSE
Generator marketing to burner:	FALSE
"Other marketers (i.e., blender, distributor, etc.)":	FALSE
Utility boiler burner:	FALSE
Industry boiler burner:	FALSE
Industrial Furnace:	FALSE
Smelter defferal:	FALSE
Universal waste - batteries - generate:	FALSE
Universal waste - thermostats - generate:	FALSE
Universal waste - mercury - generate:	FALSE
Universal waste - lamps - generate:	FALSE
Universal waste - batteries - accumulate:	FALSE
Universal waste - thermostats - accumulate:	FALSE
Universal waste - mercury - accumulate:	FALSE
Universal waste - lamps - accumulate:	FALSE
Destination Facility for Universal Waste:	FALSE
Off-specification used oil burner - utility boiler:	FALSE
Off-specification used oil burner - industrial boiler:	FALSE
Off-specification used oil burner - industrial furnace:	FALSE
EPA ID:	WAD009249509
Facility Address 2:	Not reported
TAX REG NBR:	177000505
NAICS CD:	33612
BUSINESS TYPE:	Not reported
MAIL NAME:	PACCAR Inc
MAIL ADDR LINE1:	777 106TH AVE NE
MAIL CITY,ST,ZIP:	BELLEVUE, WA 98004-5001
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Paccar Inc
LEGAL ORG TYPE:	Private

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**KENWORTH TRUCK CO (Continued)**

**1000438637**

LEGAL ADDR LINE1: 777 106TH AVE NE  
LEGAL CITY,ST,ZIP: BELLEVUE, WA 98004-5001  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: (425)468-7400  
LEGAL EFFECTIVE DATE: 6/18/1996  
LAND ORG NAME: Merrill Creek Holdings, LLC  
LAND ORG TYPE: Private  
LAND PERSON NAME: Not reported  
LAND ADDR LINE1: 600 University Street, Suite 2820  
LAND CITY,ST,ZIP: SEATTLE, WA 98101  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (206)613-5300  
OPERATOR ORG NAME: International Auto Auction Inc  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: 8801 E MARGINAL WAY S  
OPERATOR CITY,ST,ZIP: SEATTLE, WA 98108  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: (000)000-0000  
OPERATOR EFFECTIVE DATE: 1/1/1997  
SITE CONTACT NAME: Alex Buccilli  
SITE CONTACT ADDR LINE1: 777 106TH AVE NE  
SITE CONTACT ZIP: BELLEVUE, WA 98004-5001  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: (425)468-7928  
SITE CONTACT EMAIL: alex.buccilli@paccar.com  
FORM CONTACT NAME: Alex Buccilli  
FORM CONTACT ADDR LINE1: 777 106TH AVE NE  
FORM CONTACT CITY,ST,ZIP: BELLEVUE, WA 98004-5001  
FORM CONTACT COUNTRY: UNITED STATES  
FORM CONTACT PHONE NBR: (425)468-7928  
FORM CONTACT EMAIL: alex.buccilli@paccar.com  
GEN STATUS CD: XQG  
MONTHLY GENERATION: FALSE  
BATCH GENERATION: FALSE  
ONE TIME GENERATION: FALSE  
TRANSPORTS OWN WASTE: FALSE  
TRANSPORTS OTHRS WASTE: FALSE  
RECYCLER ONSITE: FALSE  
TRANSFER FACILITY: FALSE  
OTHER EXEMPTION: Not reported  
UW BATTERY GEN: FALSE  
USED OIL TRANSPORTER: FALSE  
USED OIL TRANSFER FACILITY: FALSE  
USED OIL PROCESSOR: FALSE  
USED OIL REREFINER: FALSE  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE  
USED OIL FUEL MRKTR MEETS SPECS: FALSE  
  
Facility Site ID Number: 2072  
Permit by Rule: No  
Treatment by Generator: No  
Mixed radioactive waste: No  
Importer of hazardous waste: No  
Immediate recycler: No  
Treatment/Storage/Disposal/Recycling Facility: No  
Generator of dangerous fuel waste: No  
Generator marketing to burner: No

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**KENWORTH TRUCK CO (Continued)**

**1000438637**

"Other marketers (i.e., blender, distributor, etc.)": No  
Utility boiler burner: No  
Industry boiler burner: No  
Industrial Furnace: No  
Smelter defferal: No  
Universal waste - batteries - generate: No  
Universal waste - thermostats - generate: No  
Universal waste - mercury - generate: No  
Universal waste - lamps - generate: No  
Universal waste - batteries - accumulate: No  
Universal waste - thermostats - accumulate: No  
Universal waste - mercury - accumulate: No  
Universal waste - lamps - accumulate: No  
Destination Facility for Universal Waste: No  
Off-specification used oil burner - utility boiler: No  
Off-specification used oil burner - industrial boiler: No  
Off-specification used oil burner - industrial furnace: No  
EPA ID: WAD009249509  
Facility Address 2: Not reported  
TAX REG NBR: 177000505  
NAICS CD: 33612  
BUSINESS TYPE: Not reported  
MAIL NAME: PACCAR Inc  
MAIL ADDR LINE1: 777 106TH AVE NE  
MAIL CITY,ST,ZIP: BELLEVUE, WA 98004-5001  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: Paccar Inc  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: 777 106TH AVE NE  
LEGAL CITY,ST,ZIP: BELLEVUE, WA 98004-5001  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: (425)468-7400  
LEGAL EFFECTIVE DATE: 6/18/1996  
LAND ORG NAME: Merrill Creek Holdings LLC  
LAND ORG TYPE: Private  
LAND PERSON NAME: Not reported  
LAND ADDR LINE1: 600 University Street Suite 2820  
LAND CITY,ST,ZIP: SEATTLE, WA 98101  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (206)613-5300  
OPERATOR ORG NAME: International Auto Auction Inc  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: 8801 E MARGINAL WAY S  
OPERATOR CITY,ST,ZIP: SEATTLE, WA 98108  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: (000)000-0000  
OPERATOR EFFECTIVE DATE: 1/1/1997  
SITE CONTACT NAME: Alex Buccilli  
SITE CONTACT ADDR LINE1: 777 106TH AVE NE  
SITE CONTACT ZIP: BELLEVUE, WA 98004-5001  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: (425)468-7928  
SITE CONTACT EMAIL: alex.buccilli@paccar.com  
FORM CONTACT NAME: Alex Buccilli  
FORM CONTACT ADDR LINE1: 777 106TH AVE NE  
FORM CONTACT CITY,ST,ZIP: BELLEVUE, WA 98004-5001  
FORM CONTACT COUNTRY: UNITED STATES

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**KENWORTH TRUCK CO (Continued)**

**1000438637**

FORM CONTACT PHONE NBR: (425)468-7928  
 FORM CONTACT EMAIL: alex.buccilli@pacarr.com  
 GEN STATUS CD: XQG  
 MONTHLY GENERATION: No  
 BATCH GENERATION: No  
 ONE TIME GENERATION: No  
 TRANSPORTS OWN WASTE: No  
 TRANSPORTS OTHRS WASTE: No  
 RECYCLER ONSITE: No  
 TRANSFER FACILITY: No  
 OTHER EXEMPTION: Not reported  
 UW BATTERY GEN: No  
 USED OIL TRANSPORTER: No  
 USED OIL TRANSFER FACILITY: No  
 USED OIL PROCESSOR: No  
 USED OIL REREFINER: No  
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: No  
 USED OIL FUEL MRKTR MEETS SPECS: No

**11  
 North  
 < 1/8  
 493 ft.**

**BOEING D&SG MFC SITE  
 1008 E MARGINAL WAY S  
 SEATTLE, WA 98108**

**RCRA-SQG 1000455948  
 FINDS WAD988475943  
 CORRACTS**

**Relative:  
 Higher**

RCRAInfo Corrective Action Summary:

Event: RFA Determination Of Need For An RFI, RFI is Necessary;  
 Event Date: 05/21/1997  
 Event: CA Prioritization, Facility or area was assigned a medium corrective action  
 priority.  
 Event Date: 05/21/1997  
 Event: Stabilization Measures Evaluation, This facility is not amenable to  
 stabilization activity at the present time for reasons other than 1) it  
 appears to be technically infeasible or inappropriate (NF) or 2) there is a  
 lack of technical information (IN). Reasons for this conclusion may be the  
 status of closure at the facility, the degree of risk, timing  
 considerations, the status of corrective action work at the facility, or  
 other administrative considerations.  
 Event Date: 09/21/1994  
 Event: CA Prioritization, Facility or area was assigned a low corrective action  
 priority.  
 Event Date: 01/13/1993

**Actual:  
 12 ft.**

RCRAInfo:  
 Owner: THE BOEING COMPANY  
 (206) 655-7431  
 EPA ID: WAD988475943  
 Contact: Not reported  
 Classification: Small Quantity Generator  
 TSDF Activities: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number

**BOEING D&SG MFC SITE (Continued)**

**1000455948**

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**CORRACTS:**

- EPA ID: WAD988475943  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 01/13/1993  
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority  
NAICS Code(s): 336411  
Aircraft Manufacturing
  
- EPA ID: WAD988475943  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 05/21/1997  
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority  
NAICS Code(s): 336411  
Aircraft Manufacturing
  
- EPA ID: WAD988475943  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 05/21/1997  
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary  
NAICS Code(s): 336411  
Aircraft Manufacturing
  
- EPA ID: WAD988475943  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 09/21/1994  
Action: CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING D&SG MFC SITE (Continued)**

**1000455948**

inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations

NAICS Code(s): 336411  
 Aircraft Manufacturing

**E12 FORMER BASIN OIL CO INC SEATTLE**  
**West 8661 DALLAS AVENUE SOUTH**  
**1/8-1/4 SEATTLE, WA 98108**  
**748 ft.**

**FINDS 1000455947**  
**RCRA-LQG WAD988477501**

**Site 1 of 4 in cluster E**

**Relative:  
 Higher**

**FINDS:**  
 Other Pertinent Environmental Activity Identified at Site

**Actual:  
 20 ft.**

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORMER BASIN OIL CO INC SEATTLE (Continued)**

**1000455947**

RCRAInfo:

Owner: PETER HOFMANN  
(206)767-0301  
EPA ID: WAD988477501

Contact: Not reported

Classification: Large Quantity Generator  
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: -610(12) / -620(1)(e)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 01/09/2006  
Actual Date Achieved Compliance: Not reported

Regulation Violated: -515(6)(b)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 08/19/2004  
Actual Date Achieved Compliance: Not reported

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/07/2004  
Penalty Type: Not reported

Regulation Violated: -070(3) / -170(1)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 08/19/2004  
Actual Date Achieved Compliance: Not reported

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/07/2004  
Penalty Type: Not reported

Regulation Violated: -170(1)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 12/18/2002  
Actual Date Achieved Compliance: 08/11/2003

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/13/2003  
Penalty Type: Not reported

Regulation Violated: -515(6)(b), (9)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 12/18/2002  
Actual Date Achieved Compliance: 04/30/2003

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/13/2003  
Penalty Type: Not reported

Regulation Violated: -515(9)(b)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 12/18/2002  
Actual Date Achieved Compliance: 07/18/2003

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/13/2003  
Penalty Type: Not reported

Regulation Violated: -515(6&9), 279.22(c) 279.54(f)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**FORMER BASIN OIL CO INC SEATTLE (Continued)**

**1000455947**

Date Violation Determined:	09/26/2000
Actual Date Achieved Compliance:	12/21/2000
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/07/2000
Penalty Type:	Not reported
Regulation Violated:	-320
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	09/26/2000
Actual Date Achieved Compliance:	12/21/2000
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/07/2000
Penalty Type:	Not reported
Regulation Violated:	-515(9)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	09/26/2000
Actual Date Achieved Compliance:	12/21/2000
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/07/2000
Penalty Type:	Not reported
Regulation Violated:	-516(6)(b), (9)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	09/26/2000
Actual Date Achieved Compliance:	12/18/2002
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/07/2000
Penalty Type:	Not reported
Regulation Violated:	-515(6)(a), (9)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	09/26/2000
Actual Date Achieved Compliance:	12/21/2000
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/07/2000
Penalty Type:	Not reported
Regulation Violated:	-515(9)(a)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	09/26/2000
Actual Date Achieved Compliance:	12/21/2000
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/07/2000
Penalty Type:	Not reported
Regulation Violated:	-515(9)(b)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	09/26/2000
Actual Date Achieved Compliance:	07/18/2003
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/07/2000
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/13/2003
Penalty Type:	Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**FORMER BASIN OIL CO INC SEATTLE (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000455947**

Regulation Violated: 240(5)  
 Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/08/1992  
 Actual Date Achieved Compliance: 09/02/1993

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 08/03/1993  
 Penalty Type: Not reported

Regulation Violated: 250(5)  
 Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/08/1992  
 Actual Date Achieved Compliance: 09/02/1993

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 08/03/1993  
 Penalty Type: Not reported

Regulation Violated: 060(2)  
 Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/08/1992  
 Actual Date Achieved Compliance: 09/02/1993

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 08/03/1993  
 Penalty Type: Not reported

There are 16 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Schedule Evaluation	GENERATOR-GENERAL REQUIREMENTS	
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20030430
	GENERATOR-GENERAL REQUIREMENTS	20030718
	GENERATOR-GENERAL REQUIREMENTS	20030718
	GENERATOR-GENERAL REQUIREMENTS	20030811
	GENERATOR-GENERAL REQUIREMENTS	20011221
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20001221
	GENERATOR-GENERAL REQUIREMENTS	20021218
	GENERATOR-GENERAL REQUIREMENTS	20001221
	GENERATOR-GENERAL REQUIREMENTS	20030718
	GENERATOR-GENERAL REQUIREMENTS	20001221
	GENERATOR-GENERAL REQUIREMENTS	20001221
	GENERATOR-GENERAL REQUIREMENTS	2001221
	GENERATOR-GENERAL REQUIREMENTS	20001221
Compliance Evaluation Inspection	TRANSPORTER-GENERAL REQUIREMENTS	19930902
	TRANSPORTER-GENERAL REQUIREMENTS	19930902
	TRANSPORTER-GENERAL REQUIREMENTS	19930902

**E13  
 West  
 1/8-1/4  
 760 ft.**

**MALARKEY ASPHALT  
 8700 DALLAS AVE. S.  
 SEATTLE, WA 98108**

**ICR 1000155598  
 N/A**

**Site 2 of 4 in cluster E**

**Relative:  
 Higher**

ICR:  
 Date Ecology Received Report: 12/22/1997  
 Contaminants Found at Site: PCB's  
 Media Contaminated: Groundwater, Soil  
 Waste Management: Not reported  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report

**Actual:  
 20 ft.**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**MALARKEY ASPHALT (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000155598**

<p>Site Register Issue:          County Code:          Contact:          Report Title:</p> <p>Date Ecology Received Report:          Contaminants Found at Site:          Media Contaminated:          Waste Management:          Region:          Type of Report Ecology Received:          Site Register Issue:          County Code:          Contact:          Report Title:</p> <p>Date Ecology Received Report:          Contaminants Found at Site:          Media Contaminated:          Waste Management:          Region:          Type of Report Ecology Received:          Site Register Issue:          County Code:          Contact:          Report Title:</p> <p>Date Ecology Received Report:          Contaminants Found at Site:          Media Contaminated:          Waste Management:          Region:          Type of Report Ecology Received:          Site Register Issue:          County Code:          Contact:          Report Title:</p> <p>Date Ecology Received Report:          Contaminants Found at Site:          Media Contaminated:          Waste Management:          Region:          Type of Report Ecology Received:          Site Register Issue:          County Code:          Contact:          Report Title:</p> <p>Date Ecology Received Report:          Contaminants Found at Site:          Media Contaminated:          Waste Management:          Region:          Type of Report Ecology Received:          Site Register Issue:          County Code:          Contact:          Report Title:</p> <p>Date Ecology Received Report:          Contaminants Found at Site:          Media Contaminated:          Waste Management:          Region:          Type of Report Ecology Received:          Site Register Issue:          County Code:          Contact:          Report Title:</p>	<p>98-04          17.00000          Not reported          Not reported</p> <p>05/21/1998          Petroleum products, PCB's          Groundwater, Soil          Not reported          North Western          Final cleanup report          98-04          17.00000          Not reported          Not reported</p> <p>07/08/1998          PCB's, Petroleum products          Groundwater, Soil          Not reported          North Western          Interim cleanup report          98-06          17.00000          Not reported          Not reported</p> <p>01/31/2000          Petroleum products          Soil          Tank          North Western          Interim cleanup report          98-23          17.00000          Not reported          Not reported</p> <p>05/07/1992          Petroleum products          Groundwater, Soil          Tank          North Western          Interim cleanup report          92-37          17.00000          Not reported          Not reported</p> <p>05/31/1996          Petroleum products, Polynuclear aromatic hydrocarbons, PCB's          Soil, Groundwater, Surface water, SE          Tank, Spill, Impoundment          North Western          Interim cleanup report          94-31          17.00000</p>
--	---

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**MALARKEY ASPHALT (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

Contact: Not reported  
 Report Title: Not reported

1000155598

**E14**  
**West**  
**1/8-1/4**  
**760 ft.**

**MALARKEY ASPHALT COMPANY**  
**8700 DALLAS AVENUE SOUTH**  
**SEATTLE, WA 98108**

**LUST** **U003029265**  
**UST** **N/A**

**Site 3 of 4 in cluster E**

**Relative:**  
**Higher**

**LUST:**  
 FS ID: 37657495  
 Facility ID: 9901  
 Release ID: 3975  
 Alternate Name: MALARKEY ASPHALT CO  
 Release Notification Date: 5/7/1992 00:00:00  
 Release Status Date: 6/1/1995 00:00:00  
 Facility Status: Cleanup Started  
 Affected Media: Ground Water  
 Site Response Unit Code: NW  
 Lat/Long: 47.526456000000003 / -122.311369

**Actual:**  
**20 ft.**

FS ID: 37657495  
 Facility ID: 9901  
 Release ID: 3975  
 Alternate Name: MALARKEY ASPHALT CO  
 Release Notification Date: 5/7/1992 00:00:00  
 Release Status Date: 6/1/1995 00:00:00  
 Facility Status: Cleanup Started  
 Affected Media: Soil  
 Site Response Unit Code: NW  
 Lat/Long: 47.526456000000003 / -122.311369

**UST:**

Facility ID: 37657495  
 Site ID: 9901  
**Status: Closed in Place**  
 Tank Name: G2  
 Install Date: 12/31/1964 00:00:00  
 Capacity: Not reported  
 Compartment #: 1  
 Substance: Unleaded Gasoline  
 Ecology Region: North Western  
 Tank ID: 19845  
 Compartment ID: 20132  
 Decimal Latitude: 47.526456000000003  
 Decimal Longitude: -122.311369

Facility ID: 37657495  
 Site ID: 9901  
**Status: Removed**  
 Tank Name: 1  
 Install Date: 1/1/1900 00:00:00  
 Capacity: Not reported  
 Compartment #: 1  
 Substance: Diesel  
 Ecology Region: North Western  
 Tank ID: 522544

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**MALARKEY ASPHALT COMPANY (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**U003029265**

Compartment ID: 522545  
Decimal Latitude: 47.526456000000003  
Decimal Longitude: -122.311369

Facility ID: 37657495  
Site ID: 9901  
**Status: Removed**  
Tank Name: R1  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Used Oil/Waste Oil  
Ecology Region: North Western  
Tank ID: 14262  
Compartment ID: 14481  
Decimal Latitude: 47.526456000000003  
Decimal Longitude: -122.311369

Facility ID: 37657495  
Site ID: 9901  
**Status: Closed in Place**  
Tank Name: G1  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: North Western  
Tank ID: 19706  
Compartment ID: 19991  
Decimal Latitude: 47.526456000000003  
Decimal Longitude: -122.311369

Facility ID: 37657495  
Site ID: 9901  
**Status: Closed in Place**  
Tank Name: D1  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Not reported  
Ecology Region: North Western  
Tank ID: 15575  
Compartment ID: 15808  
Decimal Latitude: 47.526456000000003  
Decimal Longitude: -122.311369

**E15**  
**West**  
**1/8-1/4**  
**760 ft.**

**SEATTLE PORT DALLAS AVE**  
**8700 DALLAS AVE S**  
**SEATTLE, WA 98108**  
**Site 4 of 4 in cluster E**

**Relative:**  
**Higher**

**Actual:**  
**20 ft.**

**PADS 1001121615**  
**RCRA-SQG WAR000010413**  
**CSCSL**  
**FINDS**  
**CERC-NFRAP**  
**WA MANIFEST**



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**SEATTLE PORT DALLAS AVE (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1001121615**

**RCRAInfo:**

Owner: DUWAMISH PROPERTIES  
 (503)283-1191  
 EPA ID: WAR000010413  
 Contact: Not reported  
 Classification: Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

**CSCSL:**

Facility ID: 2202  
 warm\_bin\_n: 1  
 Prog plan code: Not reported  
 Latitude: 47.526505999999998  
 Longitude: -122.3115  
 Lat/Long: 47.526505999999998 / -122.3115  
 Lat/Long (dms): 47 31 35.421599999991699 / 122 18 41.3999999999982803  
 Media ID: 2850  
 Media Type Desc: Air  
 Media Status Desc: Suspected  
 Affected Media: Air  
 Affected 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  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Suspected to be present  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Remedial Action in progress  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2202  
 warm\_bin\_n: 1  
 Prog plan code: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**SEATTLE PORT DALLAS AVE (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1001121615**

Latitude: 47.526505999999998  
 Longitude: -122.3115  
 Lat/Long: 47.526505999999998 / -122.3115  
 Lat/Long (dms): 47 31 35.421599999991699 / 122 18 41.3999999999982803  
 Media ID: 2851  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: Ground Water  
 Affected Media Status: C  
 Pesticides: Confirmed above MTCA cleanup levels  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels  
 Halogenated Organic Compounds: Not reported  
 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  
 Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Remedial Action in progress  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2202  
 warm\_bin\_n: 1  
 Prog plan code: Not reported  
 Latitude: 47.526505999999998  
 Longitude: -122.3115  
 Lat/Long: 47.526505999999998 / -122.3115  
 Lat/Long (dms): 47 31 35.421599999991699 / 122 18 41.3999999999982803  
 Media ID: 2852  
 Media Type Desc: Surface Water  
 Media Status Desc: Confirmed  
 Affected Media: Surface Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SEATTLE PORT DALLAS AVE (Continued)**

**1001121615**

Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels  
 Halogenated Organic Compounds: Not reported  
 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  
 Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Remedial Action in progress  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2202  
 warm\_bin\_n: 1  
 Prog plan code: Not reported  
 Latitude: 47.526505999999998  
 Longitude: -122.3115  
 Lat/Long: 47.526505999999998 / -122.3115  
 Lat/Long (dms): 47 31 35.421599999991699 / 122 18 41.399999999982803  
 Media ID: 2853  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Confirmed above MTCA cleanup levels  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Confirmed above MTCA cleanup levels  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels  
 Halogenated Organic Compounds: Not reported  
 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  
 Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**SEATTLE PORT DALLAS AVE (Continued)**

**1001121615**

Ecology Site Status (MTCA cleanup process): Remedial Action in progress  
Independent Site Status (independent cleanup): Not reported

Facility ID: 2202  
warm\_bin\_n: 1  
Prog plan code: Not reported  
Latitude: 47.526505999999998  
Longitude: -122.3115  
Lat/Long: 47.526505999999998 / -122.3115  
Lat/Long (dms): 47 31 35.421599999991699 / 122 18 41.3999999999982803  
Media ID: 2854  
Media Type Desc: Sediment  
Media Status Desc: Suspected  
Affected Media: Sediments  
Affected 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  
  
Pesticides: Not reported  
Petroleum Products: Not reported  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Remedial Action in progress  
Independent Site Status (independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

SEATTLE PORT DALLAS AVE (Continued)

1001121615

information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

CERC-NFRAP:

Site ID: 1001310  
Federal Facility: Not a Federal Facility  
NPL Status: Site is Part of NPL Site  
Non NPL Status: Not reported

CERCLIS-NFRAP Site Contact Name(s):

Contact Name: JEFF RODIN  
Contact Tel: (206) 553-6709  
Contact Title: On-Scene Coordinator (OSC)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY  
Date Started: Not reported  
Date Completed: 06/06/1989  
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
Date Started: 11/15/1990  
Date Completed: 11/15/1990  
Priority Level: Low

Action: SITE INSPECTION  
Date Started: 09/28/1994  
Date Completed: 09/28/1994  
Priority Level: Low

Action: ADMINISTRATIVE ORDER ON CONSENT  
Date Started: Not reported  
Date Completed: 04/26/1996  
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMOVAL  
Date Started: 06/27/1996

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**SEATTLE PORT DALLAS AVE (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1001121615**

Date Completed: 07/13/1998  
 Priority Level: Stabilized

Action: SITE REASSESSMENT  
 Date Started: 06/30/2000  
 Date Completed: 09/14/2000  
 Priority Level: NFRAP (No Futher Remedial Action Planned)

Action: ARCHIVE SITE  
 Date Started: Not reported  
 Date Completed: 09/20/2000  
 Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT  
 Date Started: Not reported  
 Date Completed: 09/21/2000  
 Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMOVAL  
 Date Started: 09/21/2000  
 Date Completed: 09/21/2000  
 Priority Level: Cleaned up

**WA MANIFEST:**

Facility Site ID Number: 2202  
 Permit by Rule: No  
 Treatment by Generator: No  
 Mixed radioactive waste: No  
 Importer of hazardous waste: No  
 Immediate recycler: No  
 Treatment/Storage/Disposal/Recycling Facility: No  
 Generator of dangerous fuel waste: No  
 Generator marketing to burner: No  
 "Other marketers (i.e., blender, distributor, etc.)": No  
 Utility boiler burner: No  
 Industry boiler burner: No  
 Industrial Furnace: No  
 Smelter defferal: No  
 Universal waste - batteries - generate: No  
 Universal waste - thermostats - generate: No  
 Universal waste - mercury - generate: No  
 Universal waste - lamps - generate: No  
 Universal waste - batteries - accumulate: No  
 Universal waste - thermostats - accumulate: No  
 Universal waste - mercury - accumulate: No  
 Universal waste - lamps - accumulate: No  
 Destination Facility for Universal Waste: No  
 Off-specification used oil burner - utility boiler: No  
 Off-specification used oil burner - industrial boiler: No  
 Off-specification used oil burner - industrial furnace: No  
 EPA ID: WAR000010413  
 Facility Address 2: Not reported  
 TAX REG NBR: 178003644  
 NAICS CD: 324122  
 BUSINESS TYPE: Not reported  
 MAIL NAME: Port of Seattle  
 MAIL ADDR LINE1: 2711 Alaskan Way



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SEATTLE PORT DALLAS AVE (Continued)**

**1001121615**

MAIL CITY,ST,ZIP: SEATTLE, WA 98121  
 MAIL COUNTRY: UNITED STATES  
 LEGAL ORG NAME: Seattle Port  
 LEGAL ORG TYPE: District  
 LEGAL ADDR LINE1: 2711 Alaskan Way  
 LEGAL CITY,ST,ZIP: SEATTLE, WA 98121  
 LEGAL COUNTRY: UNITED STATES  
 LEGAL PHONE NBR: (206)728-3000  
 LEGAL EFFECTIVE DATE: 3/10/2000  
 LAND ORG NAME: Port of Seattle  
 LAND ORG TYPE: District  
 LAND PERSON NAME: Not reported  
 LAND ADDR LINE1: 2711 Alaskan Way  
 LAND CITY,ST,ZIP: SEATTLE, WA 98121  
 LAND COUNTRY: UNITED STATES  
 LAND PHONE NBR: (206)728-3000  
 OPERATOR ORG NAME: Port of Seattle  
 OPERATOR ORG TYPE: District  
 OPERATOR ADDR LINE1: 2711 Alaskan Way  
 OPERATOR CITY,ST,ZIP: SEATTLE, WA 98121  
 OPERATOR COUNTRY: UNITED STATES  
 OPERATOR PHONE NBR: 206-728-3000  
 OPERATOR EFFECTIVE DATE: 11/18/1996  
 SITE CONTACT NAME: Peter K Ressler  
 SITE CONTACT ADDR LINE1: 2711 Alaskan Way  
 SITE CONTACT ZIP: SEATTLE, WA 98121  
 SITE CONTACT COUNTRY: UNITED STATES  
 SITE CONTACT PHONE NBR: (206)728-3763  
 SITE CONTACT EMAIL: ressler.p@portseattle.org  
 FORM CONTACT NAME: Peter K Ressler  
 FORM CONTACT ADDR LINE1: 2711 Alaskan Way  
 FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98121  
 FORM CONTACT COUNTRY: UNITED STATES  
 FORM CONTACT PHONE NBR: (206)728-3763  
 FORM CONTACT EMAIL: ressler.p@portseattle.org  
 GEN STATUS CD: XQG  
 MONTHLY GENERATION: No  
 BATCH GENERATION: No  
 ONE TIME GENERATION: No  
 TRANSPORTS OWN WASTE: No  
 TRANSPORTS OTHRS WASTE: No  
 RECYCLER ONSITE: No  
 TRANSFER FACILITY: No  
 OTHER EXEMPTION: Not reported  
 UW BATTERY GEN: No  
 USED OIL TRANSPORTER: No  
 USED OIL TRANSFER FACILITY: No  
 USED OIL PROCESSOR: No  
 USED OIL REREFINER: No  
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: No  
 USED OIL FUEL MRKTR MEETS SPECS: No  
  
 Facility Site ID Number: 2202  
 Permit by Rule: FALSE  
 Treatment by Generator: FALSE  
 Mixed radioactive waste: FALSE  
 Importer of hazardous waste: FALSE

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SEATTLE PORT DALLAS AVE (Continued)**

**1001121615**

Immediate recycler: FALSE  
 Treatment/Storage/Disposal/Recycling Facility: FALSE  
 Generator of dangerous fuel waste: FALSE  
 Generator marketing to burner: FALSE  
 "Other marketers (i.e., blender, distributor, etc.)": FALSE  
 Utility boiler burner: FALSE  
 Industry boiler burner: FALSE  
 Industrial Furnace: FALSE  
 Smelter defferal: FALSE  
 Universal waste - batteries - generate: FALSE  
 Universal waste - thermostats - generate: FALSE  
 Universal waste - mercury - generate: FALSE  
 Universal waste - lamps - generate: FALSE  
 Universal waste - batteries - accumulate: FALSE  
 Universal waste - thermostats - accumulate: FALSE  
 Universal waste - mercury - accumulate: FALSE  
 Universal waste - lamps - accumulate: FALSE  
 Destination Facility for Universal Waste: FALSE  
 Off-specification used oil burner - utility boiler: FALSE  
 Off-specification used oil burner - industrial boiler: FALSE  
 Off-specification used oil burner - industrial furnace: FALSE  
 EPA ID: WAR000010413  
 Facility Address 2: Not reported  
 TAX REG NBR: 178003644  
 NAICS CD: 324122  
 BUSINESS TYPE: Not reported  
 MAIL NAME: Port of Seattle  
 MAIL ADDR LINE1: 2711 Alaskan Way  
 MAIL CITY,ST,ZIP: SEATTLE, WA 98121  
 MAIL COUNTRY: UNITED STATES  
 LEGAL ORG NAME: Seattle Port  
 LEGAL ORG TYPE: District  
 LEGAL ADDR LINE1: 2711 Alaskan Way  
 LEGAL CITY,ST,ZIP: SEATTLE, WA 98121  
 LEGAL COUNTRY: UNITED STATES  
 LEGAL PHONE NBR: (206)728-3000  
 LEGAL EFFECTIVE DATE: 3/10/2000  
 LAND ORG NAME: Port of Seattle  
 LAND ORG TYPE: District  
 LAND PERSON NAME: Not reported  
 LAND ADDR LINE1: 2711 Alaskan Way  
 LAND CITY,ST,ZIP: SEATTLE, WA 98121  
 LAND COUNTRY: UNITED STATES  
 LAND PHONE NBR: (206)728-3000  
 OPERATOR ORG NAME: Port of Seattle  
 OPERATOR ORG TYPE: District  
 OPERATOR ADDR LINE1: 2711 Alaskan Way  
 OPERATOR CITY,ST,ZIP: SEATTLE, WA 98121  
 OPERATOR COUNTRY: UNITED STATES  
 OPERATOR PHONE NBR: 206-728-3000  
 OPERATOR EFFECTIVE DATE: 11/18/1996  
 SITE CONTACT NAME: Peter K Ressler  
 SITE CONTACT ADDR LINE1: 2711 Alaskan Way  
 SITE CONTACT ZIP: SEATTLE, WA 98121  
 SITE CONTACT COUNTRY: UNITED STATES  
 SITE CONTACT PHONE NBR: (206)728-3763  
 SITE CONTACT EMAIL: resslers.p@portseattle.org

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SEATTLE PORT DALLAS AVE (Continued)**

**1001121615**

FORM CONTACT NAME: Peter K Ressler  
 FORM CONTACT ADDR LINE1: 2711 Alaskan Way  
 FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98121  
 FORM CONTACT COUNTRY: UNITED STATES  
 FORM CONTACT PHONE NBR: (206)728-3763  
 FORM CONTACT EMAIL: resslers.p@portseattle.org  
 GEN STATUS CD: SQG  
 MONTHLY GENERATION: FALSE  
 BATCH GENERATION: FALSE  
 ONE TIME GENERATION: TRUE  
 TRANSPORTS OWN WASTE: FALSE  
 TRANSPORTS OTHRS WASTE: FALSE  
 RECYCLER ONSITE: FALSE  
 TRANSFER FACILITY: FALSE  
 OTHER EXEMPTION: Not reported  
 UW BATTERY GEN: FALSE  
 USED OIL TRANSPORTER: FALSE  
 USED OIL TRANSFER FACILITY: FALSE  
 USED OIL PROCESSOR: FALSE  
 USED OIL REREFINER: FALSE  
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE  
 USED OIL FUEL MRKTR MEETS SPECS: FALSE

**F16  
 West  
 1/8-1/4  
 862 ft.**

**SOUTH PARK MARINA  
 8604 DALLAS AVE S  
 SEATTLE, WA 98108**

**RCRA-SQG 1004794412  
 FINDS WAD988513248  
 NPDES**

**Site 1 of 6 in cluster F**

**Relative:  
 Higher**

RCRAInfo:  
 Owner: SOUTH PARK MARINA  
 (206)762-3880  
 EPA ID: WAD988513248  
 Contact: Not reported  
 Classification: Conditionally Exempt Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

**Actual:  
 21 ft.**

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**SOUTH PARK MARINA (Continued)**

1004794412

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

NPDES:

Facility Type: Boatyard  
Latitude: 47.52694  
Longitude: 122.31139  
Contact Name: Guy Crow  
Contact Phone Number: 206.762.3880  
Permit ID: WAG030045C  
Permit Issue Date: 2-Nov-05  
Facility Size: General Permits  
Ecology Contact: Gary Bailey  
WRIA: Cedar-Sammamish  
Permit Expiration Date: 2-Nov-10

F17  
West  
1/8-1/4  
864 ft.

**ALLIED BOLT CO**  
**8619 17TH AVE S**  
**SEATTLE, WA 98108**

**RCRA-SQG 1000215305**  
**FINDS WAD982659740**

**Site 2 of 6 in cluster F**

Relative:  
Higher

Actual:  
22 ft.

RCRAInfo:  
Owner: FOSTENERS INC  
(206)763-7275  
EPA ID: WAD982659740  
Contact: DAVE ALLEN  
(206)763-2275  
Classification: Small Quantity Generator  
TSD Activities: Not reported  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**F18**      **BASIN OIL DRUM STORAGE 17TH AVE S**  
**West**      **8617 17TH AVE S**  
**1/8-1/4**      **SEATTLE, WA 98108**  
**864 ft.**

**CSCSL**      **S108653602**  
                  **N/A**

**Relative:**  
**Higher**

**Site 3 of 6 in cluster F**

**Actual:**  
**22 ft.**

CSCSL:

Facility ID:	8901731	
warm_bin_n:	Not reported	
Prog plan code:	Not reported	
Latitude:	47.5261	
Longitude:	-122.3121	
Lat/Long:	47.5261 / -122.3121	
Lat/Long (dms):	47 31 33.959999999998402 / 122 18 43.560000000003399	
Media ID:	13141	
Media Type Desc:	Soil	
Media Status Desc:	Confirmed	
Affected Media:	Soil	
Affected Media Status:	C	
Pesticides:	Not reported	
Petroleum Products:	Confirmed above MTCA cleanup levels	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:	Not reported	
Base/Neutral/Acid Organics:	Not reported	
Halogenated Organic Compounds:	S	
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	
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported	
Conventional Contaminants, Organic:	Not reported	
Conventional Contaminants, Inorganic:	Not reported	
Tibutyl Tin Contaminant Group:	Not reported	
Bioassay/Benthic Failures Contaminant Group:	Not reported	
Wood Debris Contaminant Group:	Not reported	
Other Deleterious Substance Group:	Not reported	
Ecology Site Status (MTCA cleanup process):	Awaiting Site Hazard Assessment (SHA)	
Independent Site Status (independent cleanup):	Not reported	

Facility ID:	8901731	
warm_bin_n:	Not reported	
Prog plan code:	Not reported	
Latitude:	47.5261	
Longitude:	-122.3121	
Lat/Long:	47.5261 / -122.3121	
Lat/Long (dms):	47 31 33.959999999998402 / 122 18 43.560000000003399	
Media ID:	13140	
Media Type Desc:	Groundwater	
Media Status Desc:	Suspected	
Affected Media:	Ground Water	
Affected Media Status:	S (Suspected) - Due to preliminary investigations or the nature of	

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**BASIN OIL DRUM STORAGE 17TH AVE S (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**S108653602**

business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 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  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

**G19  
 SSE  
 1/8-1/4  
 947 ft.**

**PERETTI FRANK  
 9000 E MARGINAL WAY  
 SEATTLE, WA**

**EDR Historical Auto Stations 1009384695  
 N/A**

**Site 1 of 3 in cluster G**

**Relative:  
 Higher**

EDR Historical Auto Stations:

**Actual:  
 12 ft.**

Name: MOORE AARON L  
 Year: 1935  
 Type: GASOLINE AND OIL SERVICE STATIONS

Name: PERETTI FRANK  
 Year: 1940  
 Type: GASOLINE AND OIL SERVICE STATIONS

**F20  
 West  
 1/8-1/4  
 970 ft.**

**BASIN OIL CO DALLAS AVE  
 8661 DALLAS AVE S  
 SEATTLE, WA 98108**

**CSCSL S105991853  
 SPILLS N/A  
 VCP**

**Site 4 of 6 in cluster F**

**Relative:  
 Higher**

CSCSL:  
 Facility ID: 83476734  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.526209999999999

**Actual:  
 23 ft.**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BASIN OIL CO DALLAS AVE (Continued)**

**S105991853**

Longitude: -122.31152  
 Lat/Long: 47.526209999999999 / -122.31152  
 Lat/Long (dms): 47 31 34.359999999999999 / 122 18 41.469999999999999  
 Media ID: 11050  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received  
  
 Facility ID: 83476734  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.526209999999999  
 Longitude: -122.31152  
 Lat/Long: 47.526209999999999 / -122.31152  
 Lat/Long (dms): 47 31 34.359999999999999 / 122 18 41.469999999999999  
 Media ID: 11049  
 Media Type Desc: Surface Water  
 Media Status Desc: Suspected  
 Affected Media: Surface Water  
 Affected 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  
  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BASIN OIL CO DALLAS AVE (Continued)**

**S105991853**

Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

Facility ID: 83476734  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.526209999999999  
 Longitude: -122.31152  
 Lat/Long: 47.526209999999999 / -122.31152  
 Lat/Long (dms): 47 31 34.359999999999999 / 122 18 41.469999999999999  
 Media ID: 11048  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: Ground Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BASIN OIL CO DALLAS AVE (Continued)**

**S105991853**

Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

**SPILLS:**

Facility ID: 424316  
 Medium: SOIL  
 Material Desc: PETROLEUM - UNKNOWN  
 Material Qty: 200  
 Material Units: GALLON  
 Date Received: 6/13/1996  
 Contact Name: DREXLER  
 Company Name: BASIN OIL

**VCP:**

Facility ID: 83476734  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

Facility ID: 83476734  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

Facility ID: 83476734  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

**F21  
 West  
 1/8-1/4  
 970 ft.**

**NORTHWEST ANTIFREEZE SVC INC  
 8661A DALLAS AVE S  
 SEATTLE, WA 98108**

**RCRA-SQG 1001234015  
 FINDS WAH000004234**

**Site 5 of 6 in cluster F**

**Relative:  
 Higher**

RCRAInfo:  
 Owner: NORTHWEST ANTIFREEZE SVC INC  
 (206)763-2948  
 EPA ID: WAH000004234  
 Contact: SHELLEY HOOD  
 (206)763-2948

**Actual:  
 23 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

**NORTHWEST ANTIFREEZE SVC INC (Continued)**

**1001234015**

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**F22  
 West  
 1/8-1/4  
 970 ft.**

**FRONTWATER SERVICES INC  
 8661 DALLAS AVE S  
 SEATTLE, WA 98108**

**RCRA-SQG 1000323046  
 WAD988466991**

**Site 6 of 6 in cluster F**

**Relative:  
 Higher**

RCRAInfo:  
 Contact: PETER HOFMANN  
 (206) 767-0301

**Actual:  
 23 ft.**

Classification: Small Quantity Generator  
 TSD Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 250(1)  
 Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/08/1992  
 Actual Date Achieved Compliance: 05/07/1993

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 02/01/1993  
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 08/06/1993  
 Penalty Type: Not reported

Regulation Violated: 250(3)  
 Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/08/1992  
 Actual Date Achieved Compliance: 05/07/1993

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 02/01/1993  
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 08/06/1993  
 Penalty Type: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**FRONTWATER SERVICES INC (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000323046**

Regulation Violated:	350(2)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	12/08/1992
Actual Date Achieved Compliance:	05/07/1993
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/01/1993
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	08/06/1993
Penalty Type:	Not reported
Regulation Violated:	250(6)
Area of Violation:	TRANSPORTER-GENERAL REQUIREMENTS
Date Violation Determined:	12/08/1992
Actual Date Achieved Compliance:	05/07/1993
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/01/1993
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	08/06/1993
Penalty Type:	Not reported
Regulation Violated:	330(1)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	12/08/1992
Actual Date Achieved Compliance:	05/07/1993
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/01/1993
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	08/06/1993
Penalty Type:	Not reported
Regulation Violated:	250(5A)
Area of Violation:	TRANSPORTER-GENERAL REQUIREMENTS
Date Violation Determined:	12/08/1992
Actual Date Achieved Compliance:	05/07/1993
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/01/1993
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	08/06/1993
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	TRANSPORTER-GENERAL REQUIREMENTS	19930507
	TRANSPORTER-GENERAL REQUIREMENTS	19930507
	GENERATOR-GENERAL REQUIREMENTS	19930507
	TRANSPORTER-GENERAL REQUIREMENTS	19930507
	TRANSPORTER-GENERAL REQUIREMENTS	19930507
	GENERATOR-GENERAL REQUIREMENTS	19930507

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**G23**           **EMERALD TOOL INC**  
**SSE**  
**1/8-1/4**       **SEATTLE, WA**  
**976 ft.**

**HSL**   **S104900941**  
**N/A**

**Site 2 of 3 in cluster G**

**Relative:**  
**Higher**

HSL:  
Rank:                   5  
Facility Status:      Ranked, Awaiting RA  
**Facility Type:**     **Hazardous Sites List**  
FSID Number:         2084

**Actual:**  
**12 ft.**

**G24**           **TOELLNER AUG**  
**SSE**           **9001 E MARGINAL WAY**  
**1/8-1/4**       **SEATTLE, WA**  
**987 ft.**

**EDR Historical Auto Stations**   **1009384708**  
**N/A**

**Site 3 of 3 in cluster G**

**Relative:**  
**Higher**

EDR Historical Auto Stations:  
Name:                 TOELLNER AUG  
Year:                  1935  
Type:                  GASOLINE AND OIL SERVICE STATIONS

**Actual:**  
**12 ft.**

**25**             **BOEING KING CNTY AIRPORT OFFICE CENTER**  
**SE**             **9010 E MARGINAL WAY S**  
**1/8-1/4**       **SEATTLE, WA 98108**  
**995 ft.**

**RCRA-SQG**   **1000257111**  
**FINDS**       **WAD980985212**

**Relative:**  
**Higher**

RCRAInfo:  
Owner:                THE BOEING COMPANY  
                           (206) 655-7431  
EPA ID:                WAD980985212  
Contact:              DAVE GIDEON  
                           (360) 393-9214  
  
Classification:      Small Quantity Generator  
TSD Activities:      Not reported  
  
Violation Status:    No violations found

**Actual:**  
**13 ft.**

**FINDS:**  
Other Pertinent Environmental Activity Identified at Site

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WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**26**  
 North  
 1/8-1/4  
 1069 ft.

**BOEING AIR TRAFFIC CONTROL TOW**  
**8200 E MARGINAL WAY S**  
**SEATTLE, WA 98108**

**RCRA-SQG** **1001081954**  
**FINDS** **WAR000005181**

**Relative:**  
**Higher**

RCRAInfo:  
 Owner: THE BOEING COMPANY  
 EPA ID: WAR000005181

**Actual:**  
**12 ft.**

Contact: Not reported  
 Classification: Small Quantity Generator  
 TSD Activities: Not reported  
 Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**27**  
 West  
 1/8-1/4  
 1124 ft.

**WILLARD S CROW**  
**8604 DALLAS AVE S**  
**SEATTLE, WA 98108**

**UST** **U003960366**  
**N/A**

**Relative:**  
**Higher**

UST:  
 Facility ID: 44653368  
 Site ID: 853  
**Status: Removed**  
 Tank Name: 1  
 Install Date: 12/31/1964 00:00:00  
 Capacity: Not reported  
 Compartment #: 1  
 Substance: Leaded Gasoline  
 Ecology Region: North Western  
 Tank ID: 30071  
 Compartment ID: 30496  
 Decimal Latitude: 47.52675  
 Decimal Longitude: -122.31261000000001

**Actual:**  
**23 ft.**

**28**  
 South  
 1/4-1/2  
 1577 ft.

**RHODIA INC**  
**9229 E MARGINAL WY S RHODIA**  
**SEATTLE, WA 98108**

**RCRA-SQG** **1000311727**  
**CSCSL** **WAD009282302**  
**FINDS**  
**RAATS**  
**CORRACTS**  
**CERC-NFRAP**  
**WA MANIFEST**

**Relative:**  
**Lower**

**Actual:**  
**11 ft.**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**RHODIA INC (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000311727**

RCRAInfo Corrective Action Summary:

- Event: CMS Approved  
Event Date: Not reported
- Event: CMS Workplan Approved  
Event Date: Not reported
- Event: Current Human Exposures under Control, Current human exposures are NOT under control.  
Event Date: 09/27/2004
- Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.  
Event Date: 09/27/2004
- Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.  
Event Date: 06/18/2003
- Event: Stabilization Measures Implemented, Primary measure is exposure control by barrier and/or institutional control (e.g., capping, fencing, deed restrictions).  
Event Date: 12/04/2002
- Event: Stabilization Measures Implemented, Groundwater extraction and treatment (e.g., to achieve groundwater containment, to achieve MCL).  
Event Date: 12/04/2002
- Event: Stabilization Measures Implemented, Groundwater extraction and treatment (e.g., to achieve groundwater containment, to achieve MCL).  
Event Date: 03/13/2000
- Event: Igration of Contaminated Groundwater under Control, More information is needed to make a determination.  
Event Date: 03/15/1999
- Event: Current Human Exposures under Control, Current human exposures are NOT under control.  
Event Date: 03/15/1999
- Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.  
Event Date: 09/30/1998
- 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: 10/23/1997



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**RHODIA INC (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000311727**

- Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
- Event Date: 09/26/1997
- Event: Igration of Contaminated Groundwater under Control, More information is needed to make a determination.
- Event Date: 09/26/1997
- Event: Current Human Exposures under Control, More information is needed to make a determination.
- Event Date: 09/26/1997
- Event: RFI Approved
- Event Date: 11/04/1996
- Event: RFI Workplan Approved
- Event Date: 01/24/1994
- Event: Stabilization Measures Implemented, Groundwater extraction and treatment (e.g., to achieve groundwater containment, to achieve MCL).
- Event Date: 09/14/1993
- Event: RFI Imposition, Focused data collection required for stabilization evaluation.
- Event Date: 05/06/1993
- Event: RFA Determination Of Need For An RFI, RFI is Necessary;
- Event Date: 12/17/1992
- 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: 10/30/1992
- Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
- Event Date: 10/15/1991
- Event: RFA Completed
- Event Date: 03/19/1990

**RCRAInfo:**

Owner: RHODIA INC  
 (732)297-0100  
 EPA ID: WAD009282302  
 Contact: Not reported  
 Classification: Small Quantity Generator  
 TSDF Activities: Not reported

**Violation Status: Violations exist**

Regulation Violated:	Not reported
Area of Violation:	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined:	09/29/2004
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/12/1990
Penalty Type:	Not reported
Regulation Violated:	Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**RHODIA INC (Continued)**

**1000311727**

<p>Area of Violation:          Date Violation Determined:          Actual Date Achieved Compliance:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Regulation Violated:          Area of Violation:          Date Violation Determined:          Actual Date Achieved Compliance:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Regulation Violated:          Area of Violation:          Date Violation Determined:          Actual Date Achieved Compliance:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Regulation Violated:          Area of Violation:          Date Violation Determined:          Actual Date Achieved Compliance:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Regulation Violated:          Area of Violation:          Date Violation Determined:          Actual Date Achieved Compliance:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Regulation Violated:          Area of Violation:          Date Violation Determined:          Actual Date Achieved Compliance:            Enforcement Action:</p>	<p>GENERATOR-GENERAL REQUIREMENTS          11/03/1999          01/31/2000            WRITTEN INFORMAL          11/03/1999          Not reported            WRITTEN INFORMAL          07/12/1990          Not reported            Not reported          COMPLIANCE SCHEDULE VIOLATION          10/25/1999          01/31/2000            NOVCO WITH PENALTY          11/04/1999          Final Monetary Penalty            FINAL 3008(A) SFO ORDER          01/21/2000          Final Monetary Penalty            WRITTEN INFORMAL          07/12/1990          Final Monetary Penalty            Not reported          COMPLIANCE SCHEDULE VIOLATION          10/06/1999          10/06/1999            WRITTEN INFORMAL          10/08/1999          Not reported            WRITTEN INFORMAL          07/12/1990          Not reported            Not reported          TSD-OTHER REQUIREMENTS          08/27/1998          09/14/1998            NOVCO WITH PENALTY          07/10/1998          Proposed Monetary Penalty            FINAL 3008(A) SFO ORDER          08/27/1998          Proposed Monetary Penalty            WRITTEN INFORMAL          07/12/1990          Proposed Monetary Penalty            Not reported          TSD-GOUNDWATER MONITORING REQUIREMENTS          07/10/1998          09/14/1998            NOVCO WITH PENALTY</p>
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Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**RHODIA INC (Continued)**

**1000311727**

Enforcement Action Date: 07/10/1998  
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) SFO ORDER  
Enforcement Action Date: 08/27/1998  
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 06/30/1990  
Actual Date Achieved Compliance: 08/12/1990

Enforcement Action: NOVCO WITH PENALTY  
Enforcement Action Date: 07/10/1998  
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) SFO ORDER  
Enforcement Action Date: 08/27/1998  
Penalty Type: Proposed Monetary Penalty

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 07/12/1990  
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 200(2)(c)  
Area of Violation: TSD-GENERAL STANDARDS  
Date Violation Determined: 06/30/1990  
Actual Date Achieved Compliance: 08/24/1990

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 07/12/1990  
Penalty Type: Not reported

Regulation Violated: 630(6)  
Area of Violation: TSD-GENERAL STANDARDS  
Date Violation Determined: 06/30/1990  
Actual Date Achieved Compliance: 08/24/1990

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 07/12/1990  
Penalty Type: Not reported

Regulation Violated: 330(3)  
Area of Violation: TSD-GENERAL STANDARDS  
Date Violation Determined: 06/30/1990  
Actual Date Achieved Compliance: 08/24/1990

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/08/1999  
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 07/12/1990  
Penalty Type: Not reported

Regulation Violated: 350(d)  
Area of Violation: TSD-GENERAL STANDARDS  
Date Violation Determined: 06/30/1990  
Actual Date Achieved Compliance: 08/24/1990

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 11/03/1999  
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**RHODIA INC (Continued)**

**1000311727**

Enforcement Action Date: 07/12/1990  
Penalty Type: Not reported

Regulation Violated: 630(5)(a)  
Area of Violation: TSD-GENERAL STANDARDS  
Date Violation Determined: 06/30/1990  
Actual Date Achieved Compliance: 08/24/1990

Enforcement Action: NOVCO WITH PENALTY  
Enforcement Action Date: 11/04/1999  
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) SFO ORDER  
Enforcement Action Date: 01/21/2000  
Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 07/12/1990  
Penalty Type: Final Monetary Penalty

Regulation Violated: Not reported  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 06/20/1990  
Actual Date Achieved Compliance: 08/24/1990

Enforcement Action: NOVCO WITH PENALTY  
Enforcement Action Date: 07/10/1998  
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) SFO ORDER  
Enforcement Action Date: 08/27/1998  
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported  
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS  
Date Violation Determined: 03/31/1988  
Actual Date Achieved Compliance: 07/19/1988

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 06/27/1988  
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 06/14/1988  
Penalty Type: Not reported

Regulation Violated: Not reported  
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS  
Date Violation Determined: 01/30/1986  
Actual Date Achieved Compliance: 08/15/1986

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 06/16/1986  
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: 07/31/1986

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 06/16/1986  
Penalty Type: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**RHODIA INC (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000311727**

Penalty Summary:

Penalty Description	Penalty Date	Penalty Amount	Lead Agency
Final Monetary Penalty	1/21/2000	159500	EPA
Final Monetary Penalty	11/4/1999	159500	EPA
Final Monetary Penalty	8/27/1998	304000	EPA
Proposed Monetary Penalty	7/10/1998	321500	EPA

There are 16 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Non-Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	
Other Evaluation	COMPLIANCE SCHEDULE VIOLATION	20000131
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20000131
Other Evaluation	COMPLIANCE SCHEDULE VIOLATION	19991006
Non-Financial Record Review	TSD-GOUNDWATER MONITORING REQUIREMENTS	19980914
	TSD-OTHER REQUIREMENTS	19980914
Compliance Evaluation Inspection	TSD-GENERAL STANDARDS	19900824
	TSD-GENERAL STANDARDS	19900824
	TSD-GENERAL STANDARDS	19900824
	TSD-GENERAL STANDARDS	19900824
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19900812
	TSD-GENERAL STANDARDS	19900824
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19900824
Compliance Evaluation Inspection	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19880719
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19860731
	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19860815

CSCSL:

Facility ID: 2150  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.52053899999999  
 Longitude: -122.301006  
 Lat/Long: 47.52053899999999 / -122.301006  
 Lat/Long (dms): 47 31 13.940399999997901 / 122 18 3.6216000000035802  
 Media ID: 2751  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

**RHODIA INC (Continued)**

**1000311727**

Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Confirmed above MTCA cleanup levels  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 2150  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 47.520538999999999  
Longitude: -122.301006  
Lat/Long: 47.520538999999999 / -122.301006  
Lat/Long (dms): 47 31 13.94039999997901 / 122 18 3.6216000000035802  
Media ID: 2752  
Media Type Desc: Groundwater  
Media Status Desc: Confirmed  
Affected Media: Ground Water  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Not reported  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Suspected to be present  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported

Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Suspected to be present  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**RHODIA INC (Continued)**

**1000311727**

these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**CORRACTS:**

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 01/24/1994  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 03/13/2000  
Action: CA600GW - Stabilization Measures Implemented, Groundwater extraction and treatment  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**RHODIA INC (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

Site

**1000311727**

Actual Date: 03/15/1999  
Action: CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 03/15/1999  
Action: CA750IN - Migration of Contaminated Groundwater under Control, More information is needed to make a determination  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 03/19/1990  
Action: CA050 - RFA Completed  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 05/06/1993  
Action: CA100DC - RFI Imposition, Focused data collection required for stabilization evaluation  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 06/18/2003  
Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: EAST PARCEL  
Actual Date: 07/27/2006  
Action: CA300 - CMS Workplan Approved  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 08/28/2006  
Action: CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control  
NAICS Code(s): 56291

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

RHODIA INC (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000311727

Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 09/14/1993  
Action: CA600GW - Stabilization Measures Implemented, Groundwater extraction and treatment  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 09/26/1997  
Action: CA750IN - Migration of Contaminated Groundwater under Control, More information is needed to make a determination  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 09/26/1997  
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 09/26/1997  
Action: CA725IN - Current Human Exposures Under Control, More information is needed to make a determination  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 09/27/2004  
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: EAST PARCEL  
Actual Date: 09/29/2006  
Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**RHODIA INC (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000311727**

EPA Region: 10  
 Area Name: FACILITY  
 Actual Date: 09/30/1998  
 Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected  
 NAICS Code(s): 56291  
 Remediation Services

EPA ID: WAD009282302  
 EPA Region: 10  
 Area Name: FACILITY  
 Actual Date: 10/15/1991  
 Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority  
 NAICS Code(s): 56291  
 Remediation Services

EPA ID: WAD009282302  
 EPA Region: 10  
 Area Name: EAST PARCEL  
 Actual Date: 10/20/2006  
 Action: CA350 - CMS Approved  
 NAICS Code(s): 56291  
 Remediation Services

EPA ID: WAD009282302  
 EPA Region: 10  
 Area Name: FACILITY  
 Actual Date: 10/23/1997  
 Action: CA225YE - 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  
 NAICS Code(s): 56291  
 Remediation Services

EPA ID: WAD009282302  
 EPA Region: 10  
 Area Name: FACILITY  
 Actual Date: 10/30/1992  
 Action: CA225IN - 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  
 NAICS Code(s): 56291  
 Remediation Services

EPA ID: WAD009282302  
 EPA Region: 10  
 Area Name: FACILITY  
 Actual Date: 11/04/1996  
 Action: CA200 - RFI Approved  
 NAICS Code(s): 56291  
 Remediation Services

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**RHODIA INC (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000311727**

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 12/04/2002  
Action: CA600GW - Stabilization Measures Implemented, Groundwater extraction and treatment  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 12/04/2002  
Action: CA600EC - Stabilization Measures Implemented, Primary measure is exposure control by barrier and/or institutional control  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 12/17/1992  
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: EAST PARCEL  
Actual Date: 12/20/2006  
Action: CA400 - Date For Remedy Selection (CM Imposed)  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: / /  
Action: CA300 - CMS Workplan Approved  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: / /  
Action: CA350 - CMS Approved  
NAICS Code(s): 56291  
Remediation Services

CERC-NFRAP:  
Site ID: 1000656  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: NFRAP

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RHODIA INC (Continued)**

**1000311727**

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: MONSANTO CO SEATTLE PLANT  
 Alias Address: Not reported  
 WA

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action: PRELIMINARY ASSESSMENT  
 Date Started: 07/01/1979  
 Date Completed: 07/01/1979  
 Priority Level: Low

Action: DISCOVERY  
 Date Started: Not reported  
 Date Completed: 07/01/1979  
 Priority Level: Not reported

Action: SITE INSPECTION  
 Date Started: 11/21/1979  
 Date Completed: 11/21/1979  
 Priority Level: Low

Action: ARCHIVE SITE  
 Date Started: Not reported  
 Date Completed: 06/03/1988  
 Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
 Date Started: 06/03/1988  
 Date Completed: 06/03/1988  
 Priority Level: NFRAP (No Further Remedial Action Planned)

WA MANIFEST:

Facility Site ID Number: 2150  
 Permit by Rule: FALSE  
 Treatment by Generator: FALSE  
 Mixed radioactive waste: FALSE  
 Importer of hazardous waste: FALSE  
 Immediate recycler: FALSE  
 Treatment/Storage/Disposal/Recycling Facility: FALSE  
 Generator of dangerous fuel waste: FALSE  
 Generator marketing to burner: FALSE  
 "Other marketers (i.e., blender, distributor, etc.)": FALSE  
 Utility boiler burner: FALSE  
 Industry boiler burner: FALSE  
 Industrial Furnace: FALSE  
 Smelter deferral: FALSE  
 Universal waste - batteries - generate: FALSE  
 Universal waste - thermostats - generate: FALSE  
 Universal waste - mercury - generate: FALSE  
 Universal waste - lamps - generate: FALSE  
 Universal waste - batteries - accumulate: FALSE  
 Universal waste - thermostats - accumulate: FALSE  
 Universal waste - mercury - accumulate: FALSE  
 Universal waste - lamps - accumulate: FALSE  
 Destination Facility for Universal Waste: FALSE  
 Off-specification used oil burner - utility boiler: FALSE

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**RHODIA INC (Continued)**

**1000311727**

Off-specification used oil burner - industrial boiler: FALSE  
Off-specification used oil burner - industrial furnace: FALSE  
EPA ID: WAD009282302  
Facility Address 2: Not reported  
TAX REG NBR: 601871057  
NAICS CD: 562910  
BUSINESS TYPE: Real Estate Development  
MAIL NAME: Container Properties LLC  
MAIL ADDR LINE1: 22757 72nd Ave S  
MAIL CITY,ST,ZIP: Kent, WA 98032  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: Container Properties LLC  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: 22757 72nd Ave S  
LEGAL CITY,ST,ZIP: Kent, WA 98032  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: (253)872-9522  
LEGAL EFFECTIVE DATE: 11/1/1998  
LAND ORG NAME: Container Properties LLC  
LAND ORG TYPE: Private  
LAND PERSON NAME: Not reported  
LAND ADDR LINE1: 22757 72nd Ave S  
LAND CITY,ST,ZIP: Kent, WA 98032  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (253)872-9522  
OPERATOR ORG NAME: Davis Properties LLC  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: 22757 72nd Ave S  
OPERATOR CITY,ST,ZIP: Kent, WA 98032  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: (253)872-9522  
OPERATOR EFFECTIVE DATE: 5/1/2004  
SITE CONTACT NAME: Jeff Davis  
SITE CONTACT ADDR LINE1: 22757 72nd Ave S  
SITE CONTACT ZIP: Kent, WA 98032  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: (253)872-9522  
SITE CONTACT EMAIL: jeffd@davispropertieslic.com  
FORM CONTACT NAME: Jeff Davis  
FORM CONTACT ADDR LINE1: 22757 72nd Ave S  
FORM CONTACT CITY,ST,ZIP: Kent, WA 98032  
FORM CONTACT COUNTRY: UNITED STATES  
FORM CONTACT PHONE NBR: (253)872-9522  
FORM CONTACT EMAIL: jeffd@davispropertieslic.com  
GEN STATUS CD: MQG  
MONTHLY GENERATION: FALSE  
BATCH GENERATION: TRUE  
ONE TIME GENERATION: FALSE  
TRANSPORTS OWN WASTE: FALSE  
TRANSPORTS OTHRS WASTE: FALSE  
RECYCLER ONSITE: FALSE  
TRANSFER FACILITY: FALSE  
OTHER EXEMPTION: Not reported  
UW BATTERY GEN: FALSE  
USED OIL TRANSPORTER: FALSE  
USED OIL TRANSFER FACILITY: FALSE  
USED OIL PROCESSOR: FALSE

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

RHODIA INC (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000311727

USED OIL REREFINER: FALSE  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE  
USED OIL FUEL MRKTR MEETS SPECS: FALSE

H29  
West  
1/4-1/2  
1626 ft.

SCOTT ANDREWS  
8520 14TH AVE S  
SEATTLE, WA 98104

LUST U003765745  
UST N/A

Site 1 of 4 in cluster H

Relative:  
Higher

Actual:  
21 ft.

LUST:  
FS ID: 41287367  
Facility ID: 565971  
Release ID: 586477  
Alternate Name: ANDREWS PROPERTY  
Release Notification Date: 1/2/2001 00:00:00  
Release Status Date: 12/20/2000 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.526651999999999 / -122.315072

FS ID: 41287367  
Facility ID: 565971  
Release ID: 586477  
Alternate Name: ANDREWS PROPERTY  
Release Notification Date: 1/2/2001 00:00:00  
Release Status Date: 2/14/2001 00:00:00  
Facility Status: Reported Cleaned Up  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.526651999999999 / -122.315072

UST:

Facility ID: 41287367  
Site ID: 565971  
**Status: Removed**  
Tank Name: 2  
Install Date: 1/1/1900 00:00:00  
Capacity: Not reported  
Compartment #: 2  
Substance: Other Petroleum Substance  
Ecology Region: North Western  
Tank ID: 565978  
Compartment ID: 565983  
Decimal Latitude: 47.526651999999999  
Decimal Longitude: -122.315072

Facility ID: 41287367  
Site ID: 565971  
**Status: Removed**  
Tank Name: 3  
Install Date: 1/1/1900 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Other Petroleum Substance  
Ecology Region: North Western



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

SCOTT ANDREWS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U003765745

Tank ID: 565984  
Compartment ID: 565985  
Decimal Latitude: 47.526651999999999  
Decimal Longitude: -122.315072

Facility ID: 41287367  
Site ID: 565971  
**Status: Removed**  
Tank Name: 4  
Install Date: 1/1/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Other Petroleum Substance  
Ecology Region: North Western  
Tank ID: 565989  
Compartment ID: 565990  
Decimal Latitude: 47.526651999999999  
Decimal Longitude: -122.315072

Facility ID: 41287367  
Site ID: 565971  
**Status: Removed**  
Tank Name: 6  
Install Date: 1/1/1900 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Other Petroleum Substance  
Ecology Region: North Western  
Tank ID: 565999  
Compartment ID: 566000  
Decimal Latitude: 47.526651999999999  
Decimal Longitude: -122.315072

Facility ID: 41287367  
Site ID: 565971  
**Status: Removed**  
Tank Name: 1  
Install Date: 1/1/1900 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Unknown  
Ecology Region: North Western  
Tank ID: 565973  
Compartment ID: 565974  
Decimal Latitude: 47.526651999999999  
Decimal Longitude: -122.315072

Facility ID: 41287367  
Site ID: 565971  
**Status: Removed**  
Tank Name: 5  
Install Date: 1/1/1900 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Other Petroleum Substance  
Ecology Region: North Western  
Tank ID: 565994

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**SCOTT ANDREWS (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**U003765745**

Compartment ID: 565995  
Decimal Latitude: 47.526651999999999  
Decimal Longitude: -122.315072

**H30**  
**West**  
**1/4-1/2**  
**1626 ft.**

**ANDREWS PROPERTY**  
**8520 14TH AVE. S.**  
**SEATTLE, WA 98104**

**ICR S105124730**  
**N/A**

**Site 2 of 4 in cluster H**

**Relative:**  
**Higher**

ICR:  
Date Ecology Received Report: 02/14/2001  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Final cleanup report  
Site Register Issue: 98-42  
County Code: 17.00000  
Contact: Not reported  
Report Title: UST Decommissioning and Site Assessment

**Actual:**  
**21 ft.**

**H31**  
**West**  
**1/4-1/2**  
**1632 ft.**

**STEPHANIE CROSBY PROPERTY**  
**8621 14TH AVE S**  
**SEATTLE, WA 98108**

**LUST U003750473**  
**UST N/A**

**Site 3 of 4 in cluster H**

**Relative:**  
**Higher**

LUST:  
FS ID: 93927211  
Facility ID: 545685  
Release ID: 550452  
Alternate Name: CROSBY AUTO REPAIR SHOP  
Release Notification Date: 9/20/2000 00:00:00  
Release Status Date: 9/13/2000 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.626207000000001 / -122.31506299999999

**Actual:**  
**21 ft.**

**UST:**

Facility ID: 93927211  
Site ID: 545685  
**Status: Closed in Place**  
Tank Name: 01  
Install Date: 1/1/1900 00:00:00  
Capacity: 2,001 to 4,999 Gallons  
Compartment #: 2  
Substance: Leaded Gasoline  
Ecology Region: North Western  
Tank ID: 545687  
Compartment ID: 545692  
Decimal Latitude: 47.626207000000001  
Decimal Longitude: -122.31506299999999

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**H32**      **CROSBY AUTO REPAIR SHOP**  
**West**      **8621 14TH AVE. S.**  
**1/4-1/2**      **SEATTLE, WA 98108**  
**1632 ft.**

**ICR**      **S105124711**  
             **N/A**

**Relative:**      **Site 4 of 4 in cluster H**

**Higher**

ICR:  
 Date Ecology Received Report:      02/06/2001  
 Contaminants Found at Site:      Petroleum products  
 Media Contaminated:      Soil  
 Waste Management:      Tank  
 Region:      North Western  
 Type of Report Ecology Received:      Interim cleanup report  
 Site Register Issue:      98-41  
 County Code:      17.00000  
 Contact:      Not reported  
 Report Title:      Subsurface Investigation

**Actual:**  
**21 ft.**

**I33**      **CHEVRON #9 8484**  
**West**      **8700 14TH AVE. S.**  
**1/4-1/2**      **SEATTLE, WA 98108**  
**1664 ft.**

**ICR**      **S104484680**  
             **N/A**

**Relative:**      **Site 1 of 4 in cluster I**

**Higher**

ICR:  
 Date Ecology Received Report:      06/17/1996  
 Contaminants Found at Site:      Petroleum products  
 Media Contaminated:      Groundwater, Soil  
 Waste Management:      Tank  
 Region:      North Western  
 Type of Report Ecology Received:      Interim cleanup report  
 Site Register Issue:      95-07  
 County Code:      17.00000  
 Contact:      Not reported  
 Report Title:      Not reported

Date Ecology Received Report:      06/17/1996  
 Contaminants Found at Site:      Petroleum products  
 Media Contaminated:      Groundwater, Soil  
 Waste Management:      Tank  
 Region:      North Western  
 Type of Report Ecology Received:      Interim cleanup report  
 Site Register Issue:      95-07  
 County Code:      17.00000  
 Contact:      Not reported  
 Report Title:      Not reported

Date Ecology Received Report:      08/26/1997  
 Contaminants Found at Site:      Petroleum products  
 Media Contaminated:      Groundwater, Soil  
 Waste Management:      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

Date Ecology Received Report:      02/08/1999  
 Contaminants Found at Site:      Petroleum products

**Actual:**  
**22 ft.**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**CHEVRON #9 8484 (Continued)**

**S104484680**

Media Contaminated: Groundwater, Soil  
 Waste Management: Tank  
 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: 05/22/2000  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: 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: 02/14/1991  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: 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

Date Ecology Received Report: 09/06/1991  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: 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: 01/27/1993  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: Tank  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 92-46  
 County Code: 17.00000  
 Contact: Not reported  
 Report Title: Not reported

Date Ecology Received Report: 03/01/1993  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: Tank

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**CHEVRON #9 8484 (Continued)**

**S104484680**

Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-46  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 04/21/1993  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-50  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 07/15/1993  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
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

Date Ecology Received Report: 02/24/1994  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: 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: 01/30/1995  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: 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: 11/20/1995  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: 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

**CHEVRON #9 8484 (Continued)**

**S104484680**

Site Register Issue: 94-17  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 11/13/1996  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 94-41  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 06/08/2001  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: 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: Ground Water Monitoring - April 12, 2001

Date Ecology Received Report: 03/01/2001  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: 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: Ground Water Monitoring - January 2001

Date Ecology Received Report: 12/01/2001  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: 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: Ground Water Monitoring - July & October 2001

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**I34**  
**West**  
**1/4-1/2**  
**1664 ft.**

**CHEVRON 98484**  
**8700 14TH AVE S**  
**SEATTLE, WA 98108**

**LUST** **U003027297**  
**UST** **N/A**

**Site 2 of 4 in cluster I**

**Relative:**  
**Higher**

LUST:

**Actual:**  
**22 ft.**

FS ID: 43643315  
Facility ID: 5249  
Release ID: 1967  
Alternate Name: CHEVRON STATION # 9-8484  
Release Notification Date: 2/14/1991 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.52539099999999 / -122.31614500000001

FS ID: 43643315  
Facility ID: 5249  
Release ID: 1967  
Alternate Name: CHEVRON STATION # 9-8484  
Release Notification Date: 2/14/1991 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Ground Water  
Site Response Unit Code: NW  
Lat/Long: 47.52539099999999 / -122.31614500000001

UST:

Facility ID: 43643315  
Site ID: 5249  
**Status: Removed**  
Tank Name: 1  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: North Western  
Tank ID: 21568  
Compartment ID: 21879  
Decimal Latitude: 47.52539099999999  
Decimal Longitude: -122.31614500000001

Facility ID: 43643315  
Site ID: 5249  
**Status: Removed**  
Tank Name: 5  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Used Oil/Waste Oil  
Ecology Region: North Western  
Tank ID: 21606  
Compartment ID: 21917  
Decimal Latitude: 47.52539099999999  
Decimal Longitude: -122.31614500000001

Facility ID: 43643315



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**CHEVRON 98484 (Continued)**

**U003027297**

Site ID: 5249  
**Status: Removed**  
 Tank Name: 3  
 Install Date: 12/31/1964 00:00:00  
 Capacity: Not reported  
 Compartment #: 1  
 Substance: Unleaded Gasoline  
 Ecology Region: North Western  
 Tank ID: 21692  
 Compartment ID: 22003  
 Decimal Latitude: 47.525390999999999  
 Decimal Longitude: -122.31614500000001

Facility ID: 43643315  
 Site ID: 5249  
**Status: Removed**  
 Tank Name: 4  
 Install Date: 12/31/1964 00:00:00  
 Capacity: 111 TO 1,100 Gallons  
 Compartment #: 1  
 Substance: Not reported  
 Ecology Region: North Western  
 Tank ID: 21406  
 Compartment ID: 21716  
 Decimal Latitude: 47.525390999999999  
 Decimal Longitude: -122.31614500000001

Facility ID: 43643315  
 Site ID: 5249  
**Status: Removed**  
 Tank Name: 2  
 Install Date: 12/31/1964 00:00:00  
 Capacity: Not reported  
 Compartment #: 1  
 Substance: Leaded Gasoline  
 Ecology Region: North Western  
 Tank ID: 21501  
 Compartment ID: 21811  
 Decimal Latitude: 47.525390999999999  
 Decimal Longitude: -122.31614500000001

**I35  
 West  
 1/4-1/2  
 1664 ft.**

**CHEVRON 98484  
 8700 14TH AVE S  
 SEATTLE, WA 98108**

**CSCSL 100707071  
 FINDS 110015473842  
 VCP**

**Relative:  
 Higher**

**Site 3 of 4 in cluster I**

**Actual:  
 22 ft.**

CSCSL:  
 Facility ID: 43643315  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.525390999999999  
 Longitude: -122.31614500000001  
 Lat/Long: 47.525390999999999 / -122.31614500000001  
 Lat/Long (dms): 47 31 31.400000000000002 / 122 18 58.120000000000005  
 Media ID: 12115  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**CHEVRON 98484 (Continued)**

**1007070771**

Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

Facility ID: 43643315  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.525390999999999  
 Longitude: -122.31614500000001  
 Lat/Long: 47.525390999999999 / -122.31614500000001  
 Lat/Long (dms): 47 31 31.400000000000002 / 122 18 58.120000000000005  
 Media ID: 12116  
 Media Type Desc: Groundwater  
 Media Status Desc: Suspected  
 Affected Media: Ground Water  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**CHEVRON 98484 (Continued)**

**1007070771**

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported
Tibutyl Tin Contaminant Group:	Not reported
Bioassay/Benthic Failures Contaminant Group:	Not reported
Wood Debris Contaminant Group:	Not reported
Other Deleterious Substance Group:	Not reported
Ecology Site Status (MTCA cleanup process):	Independent Remedial Action
Independent Site Status (independent cleanup):	Final Independent Remedial Action Report received

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**VCP:**

Facility ID: 43643315  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

Facility ID: 43643315  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

**I36  
 WSW  
 1/4-1/2  
 1679 ft.**

**AUTOMAGIC SITE (FORMER)  
 8721 14TH AVE. SE  
 SEATTLE, WA 98108**

**ICR S103504745  
 N/A**

**Site 4 of 4 in cluster I**

**Relative:  
 Higher**

**ICR:**

Date Ecology Received Report:	/ /
Contaminants Found at Site:	Not reported
Media Contaminated:	Soil
Waste Management:	Not reported
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-10
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported

**Actual:  
 23 ft.**

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**J37**  
**WSW**  
**1/4-1/2**  
**1695 ft.**

**BOEING COMMERCIAL AIRPLANE GROUP BUILDING 15-01**  
**1420 S. TRENTON ST.**  
**SEATTLE, WA 98108**

**ICR** **S104484979**  
**N/A**

**Relative:**  
**Higher**

**Site 1 of 3 in cluster J**

ICR:  
 Date Ecology Received Report: 02/17/1998  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Soil  
 Waste Management: Not reported  
 Region: North Western  
 Type of Report Ecology Received: Final cleanup report  
 Site Register Issue: 98-04  
 County Code: 17.00000  
 Contact: Not reported  
 Report Title: Not reported

**Actual:**  
**19 ft.**

**38**  
**ENE**  
**1/4-1/2**  
**1729 ft.**

**FLIGHTCRAFT INC SEATTLE**  
**8285 PERIMETER RD S**  
**SEATTLE, WA 98108**

**RCRA-SQG** **1001490315**  
**FINDS** **WAD063351332**  
**CSCSL NFA**  
**ICR**

**Relative:**  
**Higher**

RCRAInfo:  
 Owner: PAPE PROPERTIES INC  
 EPA ID: WAD063351332  
 Contact: Not reported  
 Classification: Conditionally Exempt Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

**Actual:**  
**19 ft.**

**FINDS:**  
 Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

CSCSL NFA:  
 Facility/Site Id: 6436627  
 Ecology Status: Independent Remedial Action  
 Program Plan Code: 3  
 Independent Status Code: Final Independent RA Report received  
 WARM Bin Number: Not reported  
 NFA Code: NFA after Assesment IRAP or VCP

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FLIGHTCRAFT INC SEATTLE (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

1001490315

NFA Date: 7/23/1996 00:00:00  
Latitude: 47.534521  
Longitude: -122.301075

ICR:

Date Ecology Received Report: 05/05/1999  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Final cleanup report  
Site Register Issue: 98-15  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 02/27/1995  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 93-47  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: / /  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-40  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 11/08/1991  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Final cleanup report  
Site Register Issue: 92-11  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 07/22/1996  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Final cleanup report  
Site Register Issue: 95-01  
County Code: 17.00000

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FLIGHTCRAFT INC SEATTLE (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

1001490315

Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	05/22/1996
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	95-01
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	03/13/1996
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	95-01
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	01/29/1996
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	95-01
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	12/21/1995
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	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:	11/17/1995
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	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

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**FLIGHTCRAFT INC SEATTLE (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1001490315**

Date Ecology Received Report: 11/16/1995  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: 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: 11/09/1995  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: 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: 08/07/1995  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: 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

**J39  
 WSW  
 1/4-1/2  
 1769 ft.**

**SCHAUER NORTHWEST INC  
 8819 14TH S  
 SEATTLE, WA 98108**

**RCRA-SQG 1000159813  
 FINDS WAD076638964  
 LUST  
 UST**

**Site 2 of 3 in cluster J**

**Relative:  
 Higher**

RCRAInfo:  
 Owner: SCHAUER NORTHWEST INC  
 (206)763-0557  
 EPA ID: WAD076638964  
 Contact: ROBERT SCHAUER  
 (206)763-0557

**Actual:  
 18 ft.**

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

**SCHAUER NORTHWEST INC (Continued)**

**1000159813**

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**LUST:**

FS ID: 48968474  
Facility ID: 8179  
Release ID: 4946  
Alternate Name: ARCO SCHAUER  
Release Notification Date: 12/2/1993 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Awaiting Cleanup  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.524391000000001 / -122.316647

FS ID: 48968474  
Facility ID: 8179  
Release ID: 4946  
Alternate Name: ARCO SCHAUER  
Release Notification Date: 12/2/1993 00:00:00  
Release Status Date: Not reported  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.524391000000001 / -122.316647

FS ID: 48968474  
Facility ID: 8179  
Release ID: 4946  
Alternate Name: ARCO SCHAUER  
Release Notification Date: 12/2/1993 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Awaiting Cleanup  
Affected Media: Ground Water  
Site Response Unit Code: NW  
Lat/Long: 47.524391000000001 / -122.316647

FS ID: 48968474  
Facility ID: 8179  
Release ID: 4946  
Alternate Name: ARCO SCHAUER  
Release Notification Date: 12/2/1993 00:00:00  
Release Status Date: Not reported  
Facility Status: Cleanup Started  
Affected Media: Ground Water  
Site Response Unit Code: NW



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

SCHAUER NORTHWEST INC (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000159813

Lat/Long: 47.524391000000001 / -122.316647

UST:

Facility ID: 48968474  
Site ID: 8179  
**Status: Operational**  
Tank Name: 2  
Install Date: 12/1/1968 00:00:00  
Capacity: 10,000 to 19,999 Gallons  
Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: North Western  
Tank ID: 32058  
Compartment ID: 32522  
Decimal Latitude: 47.524391000000001  
Decimal Longitude: -122.316647

Facility ID: 48968474  
Site ID: 8179  
**Status: Operational**  
Tank Name: 1  
Install Date: 12/1/1968 00:00:00  
Capacity: 10,000 to 19,999 Gallons  
Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: North Western  
Tank ID: 32276  
Compartment ID: 32742  
Decimal Latitude: 47.524391000000001  
Decimal Longitude: -122.316647

Facility ID: 48968474  
Site ID: 8179  
**Status: Operational**  
Tank Name: 3  
Install Date: 12/1/1968 00:00:00  
Capacity: 5,000 to 9,999 Gallons  
Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: North Western  
Tank ID: 32194  
Compartment ID: 32660  
Decimal Latitude: 47.524391000000001  
Decimal Longitude: -122.316647

J40  
WSW  
1/4-1/2  
1769 ft.

ARCO  
8819 14TH AVE. S.  
SEATTLE, WA 98108

ICR S104485503  
N/A

Relative:  
Higher

Site 3 of 3 in cluster J

ICR:  
Date Ecology Received Report: 06/29/1995  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: North Western

Actual:  
18 ft.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**ARCO (Continued)**

**S104485503**

Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-15  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

**K41  
SSE  
1/4-1/2  
1801 ft.**

**KING COUNTY AIRPORT - HANGAR  
9220 E. MARGINAL WAY S.  
SEATTLE, WA 98108**

**ICR S104486992  
N/A**

**Site 1 of 2 in cluster K**

**Relative:  
Higher**

ICR:  
Date Ecology Received Report: 12/15/1992  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Final cleanup report  
Site Register Issue: 92-44  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

**Actual:  
12 ft.**

**K42  
SSE  
1/4-1/2  
1801 ft.**

**FIRESTONE RETREAD PLANT #127345  
9220 E MARGINAL WAY S  
SEATTLE, WA 98108**

**LUST U000588139  
UST N/A**

**Site 2 of 2 in cluster K**

**Relative:  
Higher**

LUST:  
FS ID: 77345927  
Facility ID: 3061  
Release ID: 1310  
Alternate Name: KING COUNTY AIRPORT FIRESTONE BLDG  
Release Notification Date: 5/15/1989 00:00:00  
Release Status Date: 5/15/1989 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.521811 / -122.301455

**Actual:  
12 ft.**

FS ID: 77345927  
Facility ID: 3061  
Release ID: 1310  
Alternate Name: KING COUNTY AIRPORT FIRESTONE BLDG  
Release Notification Date: 5/15/1989 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Reported Cleaned Up  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.521811 / -122.301455

FS ID: 77345927  
Facility ID: 3061  
Release ID: 4133

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FIRESTONE RETREAD PLANT #127345 (Continued)**

**U000588139**

Alternate Name: KING COUNTY AIRPORT HANGAR  
Release Notification Date: 12/15/1992 00:00:00  
Release Status Date: 12/15/1992 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.521811 / -122.301455

FS ID: 77345927  
Facility ID: 3061  
Release ID: 4133  
Alternate Name: KING COUNTY AIRPORT HANGAR  
Release Notification Date: 12/15/1992 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Reported Cleaned Up  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.521811 / -122.301455

UST:

Facility ID: 77345927  
Site ID: 3061  
**Status: Removed**  
Tank Name: 1  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Heating Fuel  
Ecology Region: North Western  
Tank ID: 31484  
Compartment ID: 31936  
Decimal Latitude: 47.521811  
Decimal Longitude: -122.301455

**L43 KRS MARINE**  
**SW 1621 S 92ND PL**  
**1/4-1/2 SEATTLE, WA 98108**  
**1826 ft.**

**CSCSL NFA S104780219**  
**N/A**

**Relative:  
Higher**

**Site 1 of 3 in cluster L**

CSCSL NFA:  
Facility/Site Id: 90355185  
Ecology Status: Independent Remedial Action  
Program Plan Code: 4  
Independent Status Code: Final Independent RA Report received  
WARM Bin Number: Not reported  
NFA Code: NFA after Assesment IRAP or VCP  
NFA Date: 8/17/2000 00:00:00  
Latitude: 47.52061  
Longitude: -122.312138

**Actual:  
16 ft.**

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EDR ID Number EPA ID Number

<b>L44</b>	<b>KRS MARINE</b>	<b>FINDS</b>	<b>1007063299</b>
<b>SW</b>	<b>1621 S 92ND PL</b>	<b>VCP</b>	<b>110015398443</b>
<b>1/4-1/2</b>	<b>SEATTLE, WA 98108</b>		
<b>1826 ft.</b>			
	<b>Site 2 of 3 in cluster L</b>		

**Relative:** FINDS:  
**Higher** Other Pertinent Environmental Activity Identified at Site

**Actual:** WA-DOEFSIS (Washington - Department Of Ecology Facility / Site  
**16 ft.** Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

VCP:  
 Facility ID: 90355185  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: NFA after assessment, IRAP, or VCP  
 Program Plan: 4

<b>L45</b>	<b>KRS MARINE</b>	<b>ICR</b>	<b>S104586222</b>
<b>SW</b>	<b>1621 S. 92ND PL.</b>		<b>N/A</b>
<b>1/4-1/2</b>	<b>SEATTLE, WA 98108</b>		
<b>1826 ft.</b>			
	<b>Site 3 of 3 in cluster L</b>		

**Relative:** ICR:  
**Higher** Date Ecology Received Report: 05/23/2000  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Soil  
 Waste Management: Improper Handling  
 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

<b>46</b>	<b>LOWER DUWAMISH WATERWAY</b>	<b>CSCSL</b>	<b>S104490882</b>
<b>NW</b>	<b>LOWER DUWAMISH WATERWAY</b>		<b>N/A</b>
<b>1/4-1/2</b>	<b>SEATTLE, WA 98108</b>		
<b>1837 ft.</b>			

**Relative:** CSCSL:  
**Lower** Facility ID: 42927743  
 warm\_bin\_n: 0  
 Prog plan code: 2  
 Latitude: 47.567442  
 Longitude: -122.347858  
 Lat/Long: 47.567442 / -122.347858  
 Lat/Long (dms): 47 34 2.7911999999992099 / 122 20 52.288800000008003  
 Media ID: 6802  
 Media Type Desc: Sediment

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**LOWER DUWAMISH WATERWAY (Continued)**

**S104490882**

Media Status Desc: Confirmed  
 Affected Media: Sediments  
 Affected Media Status: C  
 Pesticides: Confirmed above MTCA cleanup levels  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Confirmed above MTCA cleanup levels  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: C  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Confirmed above MTCA cleanup levels  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels  
 Halogenated Organic Compounds: C  
 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  
 Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
 Conventional Contaminants, Organic: Suspected to be present  
 Conventional Contaminants, Inorganic: Confirmed above MTCA cleanup levels  
 Tributyl Tin Contaminant Group: C  
 Bioassay/Benthic Failures Contaminant Group: C  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Remedial Action in progress  
 Independent Site Status (independent cleanup): Not reported

**M47 ARTHUR J WARNER**  
**WSW 9001 14 AVE SOUTH**  
**1/4-1/2 SEATTLE, WA 98108**  
**1997 ft.**

**LUST U001126474**  
**UST N/A**

**Relative:  
 Higher**

**Site 1 of 3 in cluster M**

**LUST:**  
 FS ID: 1661671  
 Facility ID: 10726  
 Release ID: 2970  
 Alternate Name: WARNER'S AUTO REPAIR  
 Release Notification Date: 1/16/1992 00:00:00  
 Release Status Date: 1/16/1992 00:00:00  
 Facility Status: Cleanup Started  
 Affected Media: Soil  
 Site Response Unit Code: NW  
 Lat/Long: 47.522790999999998 / -122.316255

**Actual:  
 20 ft.**

FS ID: 1661671  
 Facility ID: 10726  
 Release ID: 2970  
 Alternate Name: WARNER'S AUTO REPAIR  
 Release Notification Date: 1/16/1992 00:00:00  
 Release Status Date: 6/1/1995 00:00:00  
 Facility Status: Reported Cleaned Up  
 Affected Media: Soil  
 Site Response Unit Code: NW

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

ARTHUR J WARNER (Continued)

U001126474

Lat/Long: 47.522790999999998 / -122.316255

UST:

Facility ID: 1661671  
Site ID: 10726  
**Status: Removed**  
Tank Name: 2  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Leaded Gasoline  
Ecology Region: North Western  
Tank ID: 12908  
Compartment ID: 13107  
Decimal Latitude: 47.522790999999998  
Decimal Longitude: -122.316255

Facility ID: 1661671  
Site ID: 10726  
**Status: Removed**  
Tank Name: 1  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Leaded Gasoline  
Ecology Region: North Western  
Tank ID: 13029  
Compartment ID: 13230  
Decimal Latitude: 47.522790999999998  
Decimal Longitude: -122.316255

Facility ID: 1661671  
Site ID: 10726  
**Status: Removed**  
Tank Name: 3  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Leaded Gasoline  
Ecology Region: North Western  
Tank ID: 13044  
Compartment ID: 13245  
Decimal Latitude: 47.522790999999998  
Decimal Longitude: -122.316255

Facility ID: 1661671  
Site ID: 10726  
**Status: Exempt**  
Tank Name: 4  
Install Date: 12/31/1964 00:00:00  
Capacity: 111 TO 1,100 Gallons  
Compartment #: 1  
Substance: Kerosene  
Ecology Region: North Western  
Tank ID: 12840  
Compartment ID: 13038  
Decimal Latitude: 47.522790999999998

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**ARTHUR J WARNER (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

Decimal Longitude: -122.316255

U001126474

M48  
WSW  
1/4-1/2  
1997 ft.

**WARNERS' AUTO REPAIR**  
**9001 14TH AVE. S.**  
**SEATTLE, WA 98108**

ICR 1001819828  
N/A

**Site 2 of 3 in cluster M**

Relative:  
Higher

ICR:  
Date Ecology Received Report: 05/11/1992  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: 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

Actual:  
20 ft.

M49  
WSW  
1/4-1/2  
2005 ft.

**BUS AND AIR PARCEL SERVICE INCORPORATE**  
**9004 14TH SOUTH**  
**SEATTLE, WA 98108**

LUST U003027355  
UST N/A

**Site 3 of 3 in cluster M**

Relative:  
Higher

LUST:  
FS ID: 92792171  
Facility ID: 5423  
Release ID: 2040  
Alternate Name: DBA & AIRBUS  
Release Notification Date: 10/18/1990 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.521911000000003 / -122.31628499999999

Actual:  
20 ft.

FS ID: 92792171  
Facility ID: 5423  
Release ID: 2040  
Alternate Name: DBA & AIRBUS  
Release Notification Date: 10/18/1990 00:00:00  
Release Status Date: 4/25/2000 00:00:00  
Facility Status: Reported Cleaned Up  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.521911000000003 / -122.31628499999999

UST:

Facility ID: 92792171  
Site ID: 5423  
**Status: Removed**  
Tank Name: #2  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BUS AND AIR PARCEL SERVICE INCORPORATE (Continued)**

**U003027355**

Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: North Western  
Tank ID: 33358  
Compartment ID: 33851  
Decimal Latitude: 47.521911000000003  
Decimal Longitude: -122.31628499999999

Facility ID: 92792171  
Site ID: 5423  
**Status: Removed**  
Tank Name: #1  
Install Date: 12/31/1964 00:00:00  
Capacity: 111 TO 1,100 Gallons  
Compartment #: 1  
Substance: Used Oil/Waste Oil  
Ecology Region: North Western  
Tank ID: 33581  
Compartment ID: 34076  
Decimal Latitude: 47.521911000000003  
Decimal Longitude: -122.31628499999999

Facility ID: 92792171  
Site ID: 5423  
**Status: Removed**  
Tank Name: #3  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: North Western  
Tank ID: 33575  
Compartment ID: 34068  
Decimal Latitude: 47.521911000000003  
Decimal Longitude: -122.31628499999999

Facility ID: 92792171  
Site ID: 5423  
**Status: Removed**  
Tank Name: #4  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: North Western  
Tank ID: 33449  
Compartment ID: 33942  
Decimal Latitude: 47.521911000000003  
Decimal Longitude: -122.31628499999999



MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**N50**  
**WNW**  
**1/4-1/2**  
**2176 ft.**

**SPENCER INDUSTRIES, INC.**  
**8410 DALLAS AVE. S.**  
**SEATTLE, WA 98104**

**ICR S104485439**  
**N/A**

**Site 1 of 2 in cluster N**

**Relative:**  
**Higher**

ICR:

**Actual:**  
**13 ft.**

Date Ecology Received Report: 04/02/1999  
 Contaminants Found at Site: Chlorinated solvents  
 Media Contaminated: Groundwater  
 Waste Management: Not reported  
 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

**N51**  
**WNW**  
**1/4-1/2**  
**2176 ft.**

**SPENCER INDUSTRIES INC**  
**8410 DALLAS AVE S**  
**SEATTLE, WA 98108**

**RCRA-SQG 1000308172**  
**CSCSL WAD009482456**  
**FINDS**

**Site 2 of 2 in cluster N**

**Relative:**  
**Higher**

RCRAInfo:

**Actual:**  
**13 ft.**

Owner: SPENCER INDUSTRIES INC  
 (206)763-1000  
 EPA ID: WAD009482456  
 Contact: Not reported  
 Classification: Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

CSCSL:

Facility ID: 13132191  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.528289999999998  
 Longitude: -122.31712  
 Lat/Long: 47.528289999999998 / -122.31712  
 Lat/Long (dms): 47 31 41.844000000000001 / 122 19 1.6319999999999999  
 Media ID: 6311  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: Ground Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SPENCER INDUSTRIES INC (Continued)**

**1000308172**

Non-Halogenated Solvents:	Not reported
Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	C
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported
Tibutyl Tin Contaminant Group:	Not reported
Bioassay/Benthic Failures Contaminant Group:	Not reported
Wood Debris Contaminant Group:	Not reported
Other Deleterious Substance Group:	Not reported
Ecology Site Status (MTCA cleanup process):	Awaiting Site Hazard Assessment (SHA)
Independent Site Status (independent cleanup):	Not reported
Facility ID:	13132191
warm_bin_n:	Not reported
Prog plan code:	Not reported
Latitude:	47.528289999999998
Longitude:	-122.31712
Lat/Long:	47.528289999999998 / -122.31712
Lat/Long (dms):	47 31 41.844000000000001 / 122 19 1.6319999999999999
Media ID:	6312
Media Type Desc:	Soil
Media Status Desc:	Below Cleanup Level
Affected Media:	Soil
Affected Media Status:	B (Below) - The presence of hazardous substances below MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum products). The B code may only be applied following completion of analytical work in conjunction with a Site Hazard Assessment (SHA) or Remedial Investigation/Feasibility Study (RI/FS)
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Responsible Unit:	Northwest Region
Arsenic Code:	Not reported
MTBE Code:	Not reported
UXO Code:	Not reported
Dioxin:	Not reported
Non-Halogenated Solvents:	Not reported
Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	B
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported
Tibutyl Tin Contaminant Group:	Not reported
Bioassay/Benthic Failures Contaminant Group:	Not reported
Wood Debris Contaminant Group:	Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SPENCER INDUSTRIES INC (Continued)**

**1000308172**

Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**O52**  
**WSW**  
**1/4-1/2**  
**2405 ft.**

**KASPAC CHIYODA PROPERTY**  
**1237 S DIRECTOR ST**  
**SEATTLE, WA 98108**

**RCRA-SQG** **1000121345**  
**FINDS** **WAD027460955**  
**CSCSL NFA**

**Site 1 of 4 in cluster O**

**Relative:**  
**Higher**

RCRAInfo:  
 Owner: KASPAC CORP  
 EPA ID: WAD027460955  
 Contact: TERRY EASTBURN  
 Classification: Small Quantity Generator  
 TSD Activities: Not reported  
 Violation Status: No violations found

**Actual:**  
**35 ft.**

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**KASPAC CHIYODA PROPERTY (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000121345**

CSCSL NFA:  
 Facility/Site Id: 2489  
 Ecology Status: Independent Remedial Action  
 Program Plan Code: 3  
 Independent Status Code: Final Independent RA Report received  
 WARM Bin Number: Not reported  
 NFA Code: NFA after Assesment IRAP or VCP  
 NFA Date: 5/16/1998 00:00:00  
 Latitude: 47.521767  
 Longitude: -122.315522

**O53**  
**WSW**  
**1/4-1/2**  
**2405 ft.**

**CHIYODA INTERNATIONAL/KASPAC**  
**1237 S. DIRECTOR ST.**  
**SEATTLE, WA 98108**

**ICR S104486333**  
**N/A**

**Site 2 of 4 in cluster O**

**Relative:**  
**Higher**

ICR:  
 Date Ecology Received Report: 07/09/1992  
 Contaminants Found at Site: Halogenated organic compounds, Non-haologenated solvents  
 Media Contaminated: Groundwater, Soil  
 Waste Management: Tank  
 Region: North Western  
 Type of Report Ecology Received: Final cleanup report  
 Site Register Issue: 92-28  
 County Code: 17.00000  
 Contact: Not reported  
 Report Title: Not reported

**Actual:**  
**35 ft.**

Date Ecology Received Report: 10/14/1992  
 Contaminants Found at Site: Non-haologenated solvents  
 Media Contaminated: Groundwater  
 Waste Management: Not reported  
 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

Date Ecology Received Report: 08/16/1993  
 Contaminants Found at Site: Metals, Volatile Organic Compounds  
 Media Contaminated: Groundwater  
 Waste Management: Not reported  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 93-09  
 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

**P54**      **DIMENSIONAL ENGINEERING**      **CERC-NFRAP**      **1003880338**  
**SSE**      **9407 E MARGINAL WY**  
**1/4-1/2**      **SEATTLE, WA 98108**  
**2448 ft.**

**Site 1 of 4 in cluster P**

**Relative:**  
**Higher**

CERC-NFRAP:  
 Site ID: 1000792  
 Federal Facility: Not a Federal Facility  
 NPL Status: Not on the NPL  
 Non NPL Status: NFRAP

**Actual:**  
**13 ft.**

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY  
 Date Started: Not reported  
 Date Completed: 12/01/1982  
 Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
 Date Started: 09/24/1984  
 Date Completed: 09/26/1984  
 Priority Level: High

Action: SITE INSPECTION  
 Date Started: 08/01/1985  
 Date Completed: 12/18/1985  
 Priority Level: NFRAP (No Futher Remedial Action Planned)

Action: ARCHIVE SITE  
 Date Started: Not reported  
 Date Completed: 12/18/1985  
 Priority Level: Not reported

**P55**      **DIMENSIONAL ENGINEERING**      **CSCSL NFA**      **1000208520**  
**SSE**      **9407 E MARGINAL WY**  
**1/4-1/2**      **SEATTLE, WA 98108**  
**2448 ft.**

**Site 2 of 4 in cluster P**

**Relative:**  
**Higher**

CSCSL NFA:  
 Facility/Site Id: 2115  
 Ecology Status: Awaiting Site Hazard Assesment  
 Program Plan Code: Not reported  
 Independent Status Code: Not reported  
 WARM Bin Number: Not reported  
 NFA Code: Cleanup under prority authority  
 NFA Date: 5/25/1989 00:00:00  
 Latitude: 47.51412  
 Longitude: -122.29532

**Actual:**  
**13 ft.**

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**O56**  
**WSW**  
**1/4-1/2**  
**2456 ft.**

**PRECISION ENGINEERING INC.**  
**1231 SOUTH DIRECTOR STREET**  
**SEATTLE, WA 98108**

**LUST** **U003026217**  
**UST** **N/A**  
**ICR**

**Site 3 of 4 in cluster O**

**Relative:**  
**Higher**

LUST:

**Actual:**  
**39 ft.**

FS ID: 98578189  
 Facility ID: 2056  
 Release ID: 435727  
 Alternate Name: BREWER CHRYSLER-PLYMOUTH INC  
 Release Notification Date: 12/29/1997 00:00:00  
 Release Status Date: 12/29/1997 00:00:00  
 Facility Status: Reported Cleaned Up  
 Affected Media: Soil  
 Site Response Unit Code: NW  
 Lat/Long: 47.327060000000003 / -122.22166

UST:

Facility ID: 2056  
 Site ID: 8205  
**Status: Exempt**  
 Tank Name: 9  
 Install Date: 12/31/1964 00:00:00  
 Capacity: 111 TO 1,100 Gallons  
 Compartment #: 1  
 Substance: Hazardous Substance  
 Ecology Region: North Western  
 Tank ID: 14647  
 Compartment ID: 14872  
 Decimal Latitude: 47.521932969641291  
 Decimal Longitude: -122.31834386230271

Facility ID: 2056  
 Site ID: 8205  
**Status: Exempt**  
 Tank Name: 5  
 Install Date: 12/31/1964 00:00:00  
 Capacity: Not reported  
 Compartment #: 1  
 Substance: Hazardous Substance  
 Ecology Region: North Western  
 Tank ID: 14586  
 Compartment ID: 14810  
 Decimal Latitude: 47.521932969641291  
 Decimal Longitude: -122.31834386230271

Facility ID: 2056  
 Site ID: 8205  
**Status: Exempt**  
 Tank Name: 1  
 Install Date: 12/31/1964 00:00:00  
 Capacity: Not reported  
 Compartment #: 1  
 Substance: Hazardous Substance  
 Ecology Region: North Western  
 Tank ID: 14611  
 Compartment ID: 14835  
 Decimal Latitude: 47.521932969641291

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**PRECISION ENGINEERING INC. (Continued)**

**U003026217**

Decimal Longitude: -122.31834386230271

Facility ID: 2056  
Site ID: 8205  
**Status: Exempt**  
Tank Name: 7  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Hazardous Substance  
Ecology Region: North Western  
Tank ID: 14720  
Compartment ID: 14946  
Decimal Latitude: 47.521932969641291  
Decimal Longitude: -122.31834386230271

Facility ID: 2056  
Site ID: 8205  
**Status: Exempt**  
Tank Name: 3  
Install Date: 12/31/1964 00:00:00  
Capacity: 111 TO 1,100 Gallons  
Compartment #: 1  
Substance: Hazardous Substance  
Ecology Region: North Western  
Tank ID: 14684  
Compartment ID: 14910  
Decimal Latitude: 47.521932969641291  
Decimal Longitude: -122.31834386230271

Facility ID: 2056  
Site ID: 8205  
**Status: Exempt**  
Tank Name: 2  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Hazardous Substance  
Ecology Region: North Western  
Tank ID: 14791  
Compartment ID: 15017  
Decimal Latitude: 47.521932969641291  
Decimal Longitude: -122.31834386230271

Facility ID: 2056  
Site ID: 8205  
**Status: Exempt**  
Tank Name: 4  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Hazardous Substance  
Ecology Region: North Western  
Tank ID: 14842  
Compartment ID: 15068  
Decimal Latitude: 47.521932969641291  
Decimal Longitude: -122.31834386230271

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PRECISION ENGINEERING INC. (Continued)**

**U003026217**

Facility ID: 2056  
Site ID: 8205  
**Status: Exempt**  
Tank Name: 6  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Hazardous Substance  
Ecology Region: North Western  
Tank ID: 14737  
Compartment ID: 14963  
Decimal Latitude: 47.521932969641291  
Decimal Longitude: -122.31834386230271

Facility ID: 2056  
Site ID: 8205  
**Status: Exempt**  
Tank Name: 10  
Install Date: 12/31/1964 00:00:00  
Capacity: 111 TO 1,100 Gallons  
Compartment #: 1  
Substance: Not reported  
Ecology Region: North Western  
Tank ID: 35505  
Compartment ID: 36013  
Decimal Latitude: 47.521932969641291  
Decimal Longitude: -122.31834386230271

Facility ID: 2056  
Site ID: 8205  
**Status: Exempt**  
Tank Name: 8  
Install Date: 12/31/1964 00:00:00  
Capacity: 111 TO 1,100 Gallons  
Compartment #: 1  
Substance: Hazardous Substance  
Ecology Region: North Western  
Tank ID: 14886  
Compartment ID: 15112  
Decimal Latitude: 47.521932969641291  
Decimal Longitude: -122.31834386230271

**ICR:**

Date Ecology Received Report: 12/29/1997  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: Tank  
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



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Database(s)  
 EDR ID Number  
 EPA ID Number

**O57**      **PRECISION ENGINEERING INC**  
**WSW**      **1231 S DIRECTOR ST**  
**1/4-1/2**    **SEATTLE, WA 98108**  
**2456 ft.**

**CSCSL**    **1000172415**  
**FINDS**    **WAD041338252**  
**RCRA-LQG**  
**VCP**  
**WA MANIFEST**  
**ICR**  
**HAZNET**

**Relative:**    **Site 4 of 4 in cluster O**  
**Higher**

**Actual:**  
**39 ft.**

**CSCSL:**

Facility ID:	2056	
warm_bin_n:	1	
Prog plan code:	4	
Latitude:	47.521932969641291	
Longitude:	-122.31834386230271	
Lat/Long:	47.521932969641291 / -122.31834386230271	
Lat/Long (dms):	47 31 19.600000000000001 / 122 19 1.6000000000000001	
Media ID:	2544	
Media Type Desc:	Groundwater	
Media Status Desc:	Confirmed	
Affected Media:	Ground Water	
Affected Media Status:	C	
Pesticides:	Not reported	
Petroleum Products:	Confirmed above MTCA cleanup levels	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:	Not reported	
Base/Neutral/Acid Organics:	Not reported	
Halogenated Organic Compounds:	Not reported	
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels	
Metals - Other non-priority pollutant medals:	Not reported	
Polychlorinated biPhenyls (PCBs):	Not reported	
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported	
Conventional Contaminants, Organic:	Not reported	
Conventional Contaminants, Inorganic:	Not reported	
Tibutyl Tin Contaminant Group:	Not reported	
Bioassay/Benthic Failures Contaminant Group:	Not reported	
Wood Debris Contaminant Group:	Not reported	
Other Deleterious Substance Group:	Not reported	
Ecology Site Status (MTCA cleanup process):	Independent Remedial Action	
Independent Site Status (independent cleanup):	Final Independent Remedial Action Report received	

Facility ID:	2056	
warm_bin_n:	1	
Prog plan code:	4	
Latitude:	47.521932969641291	
Longitude:	-122.31834386230271	
Lat/Long:	47.521932969641291 / -122.31834386230271	
Lat/Long (dms):	47 31 19.600000000000001 / 122 19 1.6000000000000001	
Media ID:	2545	
Media Type Desc:	Surface Water	
Media Status Desc:	Remediated	

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PRECISION ENGINEERING INC (Continued)**

**1000172415**

Affected Media: Surface Water  
Affected 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)

Pesticides: Not reported  
Petroleum Products: Treated, removed, or contained  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Treated, removed, or contained  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

Facility ID: 2056  
warm\_bin\_n: 1  
Prog plan code: 4  
Latitude: 47.521932969641291  
Longitude: -122.31834386230271  
Lat/Long: 47.521932969641291 / -122.31834386230271  
Lat/Long (dms): 47 31 19.600000000000001 / 122 19 1.6000000000000001  
Media ID: 2546  
Media Type Desc: Air  
Media Status Desc: Remediated  
Affected Media: Air  
Affected 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)

Pesticides: Not reported  
Petroleum Products: Treated, removed, or contained  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**PRECISION ENGINEERING INC (Continued)**

**1000172415**

Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

Facility ID: 2056  
 warm\_bin\_n: 1  
 Prog plan code: 4  
 Latitude: 47.521932969641291  
 Longitude: -122.31834386230271  
 Lat/Long: 47.521932969641291 / -122.31834386230271  
 Lat/Long (dms): 47 31 19.600000000000001 / 122 19 1.6000000000000001  
 Media ID: 2547  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported

Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Below MTCA cleanup levels  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (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

**PRECISION ENGINEERING INC (Continued)**

**1000172415**

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**RCRAInfo:**

Owner: PRECISION ENGINEERING INC  
 EPA ID: WAD041338252  
 Contact: Not reported  
 Classification: Large Quantity Generator  
 TSDF Activities: Not reported

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 2005

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	1240.00	D002	64206.46
D007	194842.50	D008	54423.00
D009	10.00	F003	1240.00
F005	1240.00	F006	16940.00

Violation Status: Violations exist

Regulation Violated: -060(2)  
 Area of Violation: GENERATOR-RECORDKEEPING REQUIREMENTS  
 Date Violation Determined: 10/03/2002  
 Actual Date Achieved Compliance: 01/13/2003

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 01/19/2003  
 Penalty Type: Not reported

Regulation Violated: -200(1)(d) / -170(2)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 10/03/2002  
 Actual Date Achieved Compliance: 10/30/2002

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 01/19/2003  
 Penalty Type: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PRECISION ENGINEERING INC (Continued)**

**1000172415**

Regulation Violated: -145(3)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 10/03/2002  
Actual Date Achieved Compliance: 10/30/2002  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 01/19/2003  
Penalty Type: Not reported  
  
Regulation Violated: -630(5)(a) / -200(1)(b)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 10/03/2002  
Actual Date Achieved Compliance: 10/18/2002  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 01/19/2003  
Penalty Type: Not reported  
  
Regulation Violated: -070(3) / -170(1)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 10/03/2002  
Actual Date Achieved Compliance: 02/10/2003  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 01/19/2003  
Penalty Type: Not reported  
  
Regulation Violated: -630(3) / -200(1)(b)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 10/03/2002  
Actual Date Achieved Compliance: 10/11/2002  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 01/19/2003  
Penalty Type: Not reported  
  
Regulation Violated: -200(1)(b)&-640  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 11/10/1998  
Actual Date Achieved Compliance: 06/29/2000  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 01/28/1999  
Penalty Type: Not reported  
  
Regulation Violated: -200(1)(d)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 11/10/1998  
Actual Date Achieved Compliance: 02/15/1999  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 01/28/1999  
Penalty Type: Not reported  
  
Regulation Violated: -220(1)(a)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 11/10/1998  
Actual Date Achieved Compliance: 03/01/1999  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 01/28/1999  
Penalty Type: Not reported  
  
Regulation Violated: -170(3)(b)

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**PRECISION ENGINEERING INC (Continued)**

**1000172415**

Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	11/10/1998
Actual Date Achieved Compliance:	03/01/1999
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	01/28/1999
Penalty Type:	Not reported
Regulation Violated:	-200(1)(b)&-630(5)(a)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	11/10/1998
Actual Date Achieved Compliance:	02/15/1999
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	01/28/1999
Penalty Type:	Not reported
Regulation Violated:	-180
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	06/03/1992
Actual Date Achieved Compliance:	08/12/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/06/1992
Penalty Type:	Not reported
Regulation Violated:	-200
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	06/03/1992
Actual Date Achieved Compliance:	08/12/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/06/1992
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	11/17/1987
Actual Date Achieved Compliance:	07/04/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	01/29/1988
Penalty Type:	Not reported

There are 14 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	20021030
	GENERATOR-GENERAL REQUIREMENTS	20021018
	GENERATOR-GENERAL REQUIREMENTS	20021011
	GENERATOR-GENERAL REQUIREMENTS	20021030
	GENERATOR-GENERAL REQUIREMENTS	20030210
Compliance Evaluation Inspection	GENERATOR-RECORDKEEPING REQUIREMENTS	20030113
	GENERATOR-GENERAL REQUIREMENTS	19990215
	GENERATOR-GENERAL REQUIREMENTS	19990215
	GENERATOR-GENERAL REQUIREMENTS	19990301
	GENERATOR-GENERAL REQUIREMENTS	20000629
	GENERATOR-GENERAL REQUIREMENTS	19990301
	GENERATOR-GENERAL REQUIREMENTS	19920812
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19920812
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

**PRECISION ENGINEERING INC (Continued)**

**1000172415**

VCP:

Facility ID: 2056  
Ecology Status: Independent Remedial Action  
WARM BIN #: 1  
NFA Code: Not reported  
Program Plan: 4

Facility ID: 2056  
Ecology Status: Independent Remedial Action  
WARM BIN #: 1  
NFA Code: Not reported  
Program Plan: 4

Facility ID: 2056  
Ecology Status: Independent Remedial Action  
WARM BIN #: 1  
NFA Code: Not reported  
Program Plan: 4

Facility ID: 2056  
Ecology Status: Independent Remedial Action  
WARM BIN #: 1  
NFA Code: Not reported  
Program Plan: 4

WA MANIFEST:

Facility Site ID Number: 2056  
Permit by Rule: No  
Treatment by Generator: No  
Mixed radioactive waste: No  
Importer of hazardous waste: No  
Immediate recycler: No  
Treatment/Storage/Disposal/Recycling Facility: No  
Generator of dangerous fuel waste: No  
Generator marketing to burner: No  
"Other marketers (i.e., blender, distributor, etc.)": No  
Utility boiler burner: No  
Industry boiler burner: No  
Industrial Furnace: No  
Smelter defferal: No  
Universal waste - batteries - generate: No  
Universal waste - thermostats - generate: No  
Universal waste - mercury - generate: No  
Universal waste - lamps - generate: No  
Universal waste - batteries - accumulate: No  
Universal waste - thermostats - accumulate: No  
Universal waste - mercury - accumulate: No  
Universal waste - lamps - accumulate: No  
Destination Facility for Universal Waste: No  
Off-specification used oil burner - utility boiler: No  
Off-specification used oil burner - industrial boiler: No  
Off-specification used oil burner - industrial furnace: No  
EPA ID: WAD041338252  
Facility Address 2: Not reported  
TAX REG NBR: 178090187  
NAICS CD: 332813

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PRECISION ENGINEERING INC (Continued)**

**1000172415**

BUSINESS TYPE: Machine Shop  
MAIL NAME: Precision Engineering Inc  
MAIL ADDR LINE1: 1231 S DIRECTOR ST  
MAIL CITY,ST,ZIP: SEATTLE, WA 98108-4802  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: Precision Engineering  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: 1231 S DIRECTOR ST  
LEGAL CITY,ST,ZIP: SEATTLE, WA 98108-4802  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: 206763-0320  
LEGAL EFFECTIVE DATE: 6/6/1996  
LAND ORG NAME: Not reported  
LAND ORG TYPE: Private  
LAND PERSON NAME: D. F Morgan  
LAND ADDR LINE1: 1231 S DIRECTOR ST  
LAND CITY,ST,ZIP: SEATTLE, WA 98108-4802  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: 206763-0320  
OPERATOR ORG NAME: Precision Engineering Inc  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: 1231 S DIRECTOR ST  
OPERATOR CITY,ST,ZIP: SEATTLE, WA 98108-4802  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: 206-763-0320  
OPERATOR EFFECTIVE DATE: 1/1/1997  
SITE CONTACT NAME: Tom W Gratzer  
SITE CONTACT ADDR LINE1: 1231 S DIRECTOR ST  
SITE CONTACT ZIP: SEATTLE, WA 98108  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: 206763-0320  
SITE CONTACT EMAIL: tgratzer@pei-1.com  
FORM CONTACT NAME: George M Cardile  
FORM CONTACT ADDR LINE1: 1231 S DIRECTOR ST  
FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98108  
FORM CONTACT COUNTRY: UNITED STATES  
FORM CONTACT PHONE NBR: 206763-0320  
FORM CONTACT EMAIL: gcardile@pei-1.com  
GEN STATUS CD: LQG  
MONTHLY GENERATION: Yes  
BATCH GENERATION: No  
ONE TIME GENERATION: No  
TRANSPORTS OWN WASTE: No  
TRANSPORTS OTHRS WASTE: No  
RECYCLER ONSITE: No  
TRANSFER FACILITY: No  
OTHER EXEMPTION: Not reported  
UW BATTERY GEN: No  
USED OIL TRANSPORTER: No  
USED OIL TRANSFER FACILITY: No  
USED OIL PROCESSOR: No  
USED OIL REREFINER: No  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: No  
USED OIL FUEL MRKTR MEETS SPECS: No

ICR:

Date Ecology Received Report: 09/07/1990



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**PRECISION ENGINEERING INC (Continued)**

**1000172415**

Contaminants Found at Site: Metals  
 Media Contaminated: Soil  
 Waste Management: Handling practices, Spill  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 90-11  
 County Code: 17.00000  
 Contact: Not reported  
 Report Title: Not reported

**HAZNET:**

Gepaid: WAD041338252  
 Contact: TOM W GRATZER  
 Telephone: 2067630320  
 Facility Addr2: Not reported  
 Mailing Name: Not reported  
 Mailing Address: 1231 S DIRECTOR  
 Mailing City,St,Zip: SEATTLE, WA 98108  
 Gen County: Not reported  
 TSD EPA ID: CAD009452657  
 TSD County: San Mateo  
 Waste Category: Liquids with mercury > 20 mg/l  
 Disposal Method: Recycler  
 Tons: 0  
 Facility County: Not reported

**P58  
 SSE  
 1/4-1/2  
 2460 ft.**

**MUSEUM OF FLIGHT PROPERTY  
 9404 E. MARGINAL WAY S.  
 SEATTLE, WA 98108**

**ICR S105124713  
 N/A**

**Site 3 of 4 in cluster P**

**Relative:  
 Higher**

**ICR:**

Date Ecology Received Report: 08/03/2001  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: Tank  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 98-41  
 County Code: 17.00000  
 Contact: Not reported  
 Report Title: Phase I/II Enviro Site Assessment

**Actual:  
 13 ft.**

**P59  
 SSE  
 1/4-1/2  
 2460 ft.**

**MUSEUM OF FLIGHT PROPERTY  
 9404 E MARGINAL WAY S  
 SEATTLE, WA 98108**

**LUST U003800972  
 UST N/A**

**Site 4 of 4 in cluster P**

**Relative:  
 Higher**

**LUST:**

FS ID: 98798343  
 Facility ID: 583716  
 Release ID: 583719  
 Alternate Name: MUSEUM OF FLIGHT PROPERTY  
 Release Notification Date: 8/3/2001 00:00:00

**Actual:  
 13 ft.**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

MUSEUM OF FLIGHT PROPERTY (Continued)

U003800972

Release Status Date: 7/30/2001 00:00:00  
Facility Status: Awaiting Cleanup  
Affected Media: Ground Water  
Site Response Unit Code: NW  
Lat/Long: 47.516728999999998 / -122.283591

FS ID: 98798343  
Facility ID: 583716  
Release ID: 583719  
Alternate Name: MUSEUM OF FLIGHT PROPERTY  
Release Notification Date: 8/3/2001 00:00:00  
Release Status Date: 7/30/2001 00:00:00  
Facility Status: Awaiting Cleanup  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.516728999999998 / -122.283591

UST:

Facility ID: 98798343  
Site ID: 583716  
**Status: Removed**  
Tank Name: 1  
Install Date: 1/1/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Unknown  
Ecology Region: North Western  
Tank ID: 583899  
Compartment ID: 583900  
Decimal Latitude: 47.516728999999998  
Decimal Longitude: -122.283591

Facility ID: 98798343  
Site ID: 583716  
**Status: Removed**  
Tank Name: 2  
Install Date: 1/1/1900 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Unknown  
Ecology Region: North Western  
Tank ID: 583904  
Compartment ID: 583905  
Decimal Latitude: 47.516728999999998  
Decimal Longitude: -122.283591

Q60 BOEING PLANT 2  
NNW 7755 E MARGINAL WAY S  
1/4-1/2 SEATTLE, WA 98108  
2519 ft.  
Site 1 of 3 in cluster Q  
Relative: Lower  
Actual: 10 ft.

CSCSL 1000257078  
FINDS 98108BNGRS77  
RCRA-LQG  
TRIS  
RCRA-TSDF  
CORRACTS  
CERC-NFRAP  
WA MANIFEST  
ICR  
HAZNET

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

CSCSL:

Facility ID: 2100  
warm\_bin\_n: 1  
Prog plan code: Not reported  
Latitude: 47.532733  
Longitude: -122.31691600000001  
Lat/Long: 47.532733 / -122.31691600000001  
Lat/Long (dms): 47 31 57.8388000000012 / 122 19 0.89760000002229401  
Media ID: 11556  
Media Type Desc: Sediment  
Media Status Desc: Confirmed  
Affected Media: Sediments  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Not reported  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2100  
warm\_bin\_n: 1  
Prog plan code: Not reported  
Latitude: 47.532733  
Longitude: -122.31691600000001  
Lat/Long: 47.532733 / -122.31691600000001  
Lat/Long (dms): 47 31 57.8388000000012 / 122 19 0.89760000002229401  
Media ID: 2657  
Media Type Desc: Groundwater  
Media Status Desc: Confirmed  
Affected Media: Ground Water  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 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  
 Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2100  
 warm\_bin\_n: 1  
 Prog plan code: Not reported  
 Latitude: 47.532733  
 Longitude: -122.31691600000001  
 Lat/Long: 47.532733 / -122.31691600000001  
 Lat/Long (dms): 47 31 57.8388000000012 / 122 19 0.89760000002229401  
 Media ID: 2658  
 Media Type Desc: Surface Water  
 Media Status Desc: Confirmed  
 Affected Media: Surface Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): 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

**BOEING PLANT 2 (Continued)**

**1000257078**

Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2100  
warm\_bin\_n: 1  
Prog plan code: Not reported  
Latitude: 47.532733  
Longitude: -122.31691600000001  
Lat/Long: 47.532733 / -122.31691600000001  
Lat/Long (dms): 47 31 57.8388000000012 / 122 19 0.89760000002229401  
Media ID: 2659  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: Soil  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported

Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: C  
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  
Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2100  
warm\_bin\_n: 1  
Prog plan code: Not reported  
Latitude: 47.532733  
Longitude: -122.31691600000001  
Lat/Long: 47.532733 / -122.31691600000001  
Lat/Long (dms): 47 31 57.8388000000012 / 122 19 0.89760000002229401  
Media ID: 2660  
Media Type Desc: Air  
Media Status Desc: Confirmed

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

Affected Media: Air  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2100  
 warm\_bin\_n: 1  
 Prog plan code: Not reported  
 Latitude: 47.532733  
 Longitude: -122.31691600000001  
 Lat/Long: 47.532733 / -122.31691600000001  
 Lat/Long (dms): 47 31 57.8388000000012 / 122 19 0.89760000002229401  
 Media ID: 2661  
 Media Type Desc: Sediment  
 Media Status Desc: Suspected  
 Affected Media: Sediments  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Suspected to be present

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	S
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
Polynuclear Aromatic Hydrocarbons (PAH):	Suspected to be present
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported
Tibutyl Tin Contaminant Group:	Not reported
Bioassay/Benthic Failures Contaminant Group:	Not reported
Wood Debris Contaminant Group:	Not reported
Other Deleterious Substance Group:	Not reported
Ecology Site Status (MTCA cleanup process):	Independent Remedial Action
Independent Site Status (independent cleanup):	Independent Site Assessment of Interim Remedial Action Report received

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

RACT/BACT/LAER Clearinghouse (RBLC) data base contains case-specific information on the 'Best Available' air pollution technologies that have been required to reduce the emission of air pollutants from stationary sources (e.g., power plants, steel mills, chemical plants, etc.). This information has been provided by State and local permitting agencies. The Clearinghouse also contains a regulation data base that summarizes EPA emission limits required in New Source Performance Standards (NSPS), National Emission Standards for Hazardous Air Pollutants (NESHAP), and Maximum Achievable Control Technology (MACT) standards.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

- RCRAInfo Corrective Action Summary:
- Event: Stabilization Construction Completed
  - Event Date: Not reported
  
  - Event: Stabilization Construction Completed
  - Event Date: Not reported
  
  - Event: Stabilization Construction Completed
  - Event Date: Not reported
  
  - Event: Stabilization Construction Completed
  - Event Date: Not reported
  
  - Event: Stabilization Construction Completed
  - Event Date: Not reported
  
  - Event: Stabilization Construction Completed
  - Event Date: Not reported
  
  - Event: Stabilization Construction Completed
  - Event Date: Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**BOEING PLANT 2 (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000257078**

<p>Event: Stabilization Construction Completed          Event Date: Not reported</p> <p>Event: Current Human Exposures under Control, Current human exposures are NOT under control.          Event Date: 09/01/2004</p> <p>Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.          Event Date: 09/01/2004</p> <p>Event: RFI Workplan Approved          Event Date: 11/27/2003</p> <p>Event: CMS Approved          Event Date: 01/31/2003</p> <p>Event: RFI Workplan Approved          Event Date: 01/27/2003</p> <p>Event: RFI Imposition          Event Date: 05/23/2002</p> <p>Event: Stabilization Construction Completed          Event Date: 08/23/2000</p> <p>Event: Stabilization Construction Completed          Event Date: 08/23/2000</p> <p>Event: Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).          Event Date: 07/30/1999</p> <p>Event: CMS Approved          Event Date: 07/13/1999</p> <p>Event: Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).          Event Date: 05/05/1999</p> <p>Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.          Event Date: 03/18/1999</p> <p>Event: Current Human Exposures under Control, Current human exposures are NOT under control.          Event Date: 03/18/1999</p> <p>Event: Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).          Event Date: 02/08/1999</p> <p>Event: CMS Workplan Approved          Event Date: 11/17/1998</p>	<p>Site</p>
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Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**BOEING PLANT 2 (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000257078**

<p>Event: RFI Approved          Event Date: 09/22/1998</p> <p>Event: Igration of Contaminated Groundwater under Control, More information is needed to make a determination.          Event Date: 08/10/1998</p> <p>Event: CA Prioritization, Facility or area was assigned a high corrective action priority.          Event Date: 08/10/1998</p> <p>Event: Current Human Exposures under Control, More information is needed to make a determination.          Event Date: 08/10/1998</p> <p>Event: Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).          Event Date: 06/22/1998</p> <p>Event: Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).          Event Date: 03/04/1998</p> <p>Event: CA Prioritization, Facility or area was assigned a high corrective action priority.          Event Date: 09/26/1997</p> <p>Event: Stabilization Construction Completed          Event Date: 06/20/1997</p> <p>Event: Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).          Event Date: 10/01/1996</p> <p>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: 09/26/1996</p> <p>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: 08/06/1996</p> <p>Event: CA Prioritization, Facility or area was assigned a high corrective action priority.          Event Date: 08/06/1996</p> <p>Event: RFI Workplan Approved          Event Date: 05/03/1995</p> <p>Event: RFI Workplan Approved          Event Date: 05/03/1995</p>	<p>Site</p>
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Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**BOEING PLANT 2 (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000257078**

Event: RFI Imposition, Focused data collection required for stabilization evaluation.  
 Event Date: 01/18/1994

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: 12/07/1992

Event: RFA Determination Of Need For An RFI, RFI is Necessary;  
 Event Date: 11/10/1992

Event: CA Prioritization, Facility or area was assigned a high corrective action priority.  
 Event Date: 09/09/1992

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: 08/05/1992

**RCRAInfo:**

Owner: BOEING CO  
 (425)865-2400

EPA ID: WAD009256819

Contact: TIMOTHY SAVAGE  
 (425) 237-9043

Classification: Large Quantity Generator, TSDF  
 TSDF Activities: Not reported

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 2005

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	3563.00	D002	180.00
D004	200.00	D005	12484.06
D006	12258.50	D007	13664.06
D008	13111.56	D009	627.50
D010	10911.00	D011	707.50
D018	8772.00	D035	752.00
F002	79378.00	F003	76653.00
F005	76653.00	U228	37695.00

Violation Status: Violations exist

Regulation Violated: 400 (3)(a)(i)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 06/07/1993  
 Actual Date Achieved Compliance: 08/02/1993

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 06/07/1993  
 Penalty Type: Not reported

Regulation Violated: 200(1)(b), 630(5)(b)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 06/07/1993  
 Actual Date Achieved Compliance: 08/02/1993

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/07/1993
Penalty Type:	Not reported
Regulation Violated:	-400
Area of Violation:	TSD-TANKS REQUIREMENTS
Date Violation Determined:	05/17/1991
Actual Date Achieved Compliance:	09/23/1991
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/10/1991
Penalty Type:	Not reported
Regulation Violated:	-630(5)(A)
Area of Violation:	TSD-CONTAINERS REQUIREMENTS
Date Violation Determined:	05/17/1991
Actual Date Achieved Compliance:	09/23/1991
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/10/1991
Penalty Type:	Not reported
Regulation Violated:	-300 (5)
Area of Violation:	TSD-GENERAL STANDARDS
Date Violation Determined:	05/17/1991
Actual Date Achieved Compliance:	09/23/1991
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/10/1991
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/23/1987
Penalty Type:	Not reported
Regulation Violated:	-200(2)(C)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	05/17/1991
Actual Date Achieved Compliance:	09/23/1991
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/10/1991
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/08/1985
Penalty Type:	Not reported
Regulation Violated:	-370(2)(A)
Area of Violation:	TSD-MANIFEST REQUIREMENTS
Date Violation Determined:	05/17/1991
Actual Date Achieved Compliance:	09/23/1991
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/10/1991
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined:	03/08/1985
Actual Date Achieved Compliance:	04/08/1985
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/10/1991

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**BOEING PLANT 2 (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000257078**

Penalty Type: Not reported  
 Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 03/08/1985  
 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	19930802
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19930802
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19930802
Compliance Evaluation Inspection	TSD-GENERAL STANDARDS	19910923
	TSD-MANIFEST REQUIREMENTS	19910923
	TSD-TANKS REQUIREMENTS	19910923
	GENERATOR-GENERAL REQUIREMENTS	19910923
	TSD-CONTAINERS REQUIREMENTS	19910923
Compliance Evaluation Inspection	TSD-GENERAL STANDARDS	19910923
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19850408

**CORRACTS:**

EPA ID: WAD009256819  
 EPA Region: 10  
 Area Name: OA 23.1 & 23.2 STORM WATER LINES "X & Y"  
 Actual Date: 01/09/2007  
 Action: CA600T - Stabilization Measures Implemented, Other activity  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD009256819  
 EPA Region: 10  
 Area Name: SWMU 2-15.7A, UNDERGROUND TANK PL-52  
 Actual Date: 01/12/2006  
 Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD009256819  
 EPA Region: 10  
 Area Name: FACILITY-WIDE  
 Actual Date: 01/18/1994  
 Action: CA100DC - RFI Imposition, Focused data collection required for stabilization evaluation  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD009256819  
 EPA Region: 10  
 Area Name: SEATTLE CITY LIGHT TRANSFORMER  
 Actual Date: 01/27/2003  
 Action: CA150 - RFI Workplan Approved  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

<p>EPA ID: WAD009256819          EPA Region: 10          Area Name: DSOA - SOUTH          Actual Date: 01/31/2003          Action: CA350 - CMS Approved          NAICS Code(s): 336411          Aircraft Manufacturing</p>	
<p>EPA ID: WAD009256819          EPA Region: 10          Area Name: SWMU 2-87.65, SWMU 77, OA 16          Actual Date: 02/08/1999          Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment          NAICS Code(s): 336411          Aircraft Manufacturing</p>	
<p>EPA ID: WAD009256819          EPA Region: 10          Area Name: SWMU 78.B OIL/WATER SEPARATOR          Actual Date: 02/08/1999          Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment          NAICS Code(s): 336411          Aircraft Manufacturing</p>	
<p>EPA ID: WAD009256819          EPA Region: 10          Area Name: SWMU 2-41.33, ANODIC TANK LINE          Actual Date: 03/04/1998          Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment          NAICS Code(s): 336411          Aircraft Manufacturing</p>	
<p>EPA ID: WAD009256819          EPA Region: 10          Area Name: FACILITY-WIDE          Actual Date: 03/18/1999          Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected          NAICS Code(s): 336411          Aircraft Manufacturing</p>	
<p>EPA ID: WAD009256819          EPA Region: 10          Area Name: FACILITY-WIDE          Actual Date: 03/18/1999          Action: CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control          NAICS Code(s): 336411          Aircraft Manufacturing</p>	
<p>EPA ID: WAD009256819          EPA Region: 10          Area Name: FACILITY-WIDE</p>	

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

Actual Date: 05/03/1995  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: SWMU 79 CISTERNS 1,2,3,AND 4  
Actual Date: 05/05/1999  
Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: DSOA - SOUTH  
Actual Date: 05/23/2002  
Action: CA100 - RFI Imposition  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: SEATTLE CITY LIGHT TRANSFORMER  
Actual Date: 05/23/2002  
Action: CA100 - RFI Imposition  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: FACILITY-WIDE  
Actual Date: 06/20/1997  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: UST PL-23, OA3  
Actual Date: 06/22/1998  
Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: DSOA  
Actual Date: 07/13/1999  
Action: CA350 - CMS Approved  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**BOEING PLANT 2 (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

Site

**1000257078**

Area Name: DSOA - BUILDINGS 2-41 DEBRIS AREA  
Actual Date: 07/30/1999  
Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: OA 23.1 & 23.2 STORM WATER LINES "X & Y"  
Actual Date: 08/03/2006  
Action: CA600T - Stabilization Measures Implemented, Other activity  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: FACILITY-WIDE  
Actual Date: 08/05/1992  
Action: CA225YE - 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  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: FACILITY-WIDE  
Actual Date: 08/06/1996  
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: FACILITY-WIDE  
Actual Date: 08/06/1996  
Action: CA225YE - 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  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: FACILITY-WIDE  
Actual Date: 08/10/1998  
Action: CA750IN - Migration of Contaminated Groundwater under Control, More information is needed to make a determination  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**BOEING PLANT 2 (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

Site	Database(s)	EPA ID Number
Area Name: FACILITY-WIDE Actual Date: 08/10/1998 Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority NAICS Code(s): 336411 Aircraft Manufacturing		1000257078
EPA ID: WAD009256819 EPA Region: 10 Area Name: FACILITY-WIDE Actual Date: 08/10/1998 Action: CA725IN - Current Human Exposures Under Control, More information is needed to make a determination NAICS Code(s): 336411 Aircraft Manufacturing		
EPA ID: WAD009256819 EPA Region: 10 Area Name: SWMU 2-15.7A, UNDERGROUND TANK PL-52 Actual Date: 08/15/2006 Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment NAICS Code(s): 336411 Aircraft Manufacturing		
EPA ID: WAD009256819 EPA Region: 10 Area Name: OA 1 BLDG 2-66 SW SHEET PILE CONTAINMENT Actual Date: 08/18/2006 Action: CA600T - Stabilization Measures Implemented, Other activity NAICS Code(s): 336411 Aircraft Manufacturing		
EPA ID: WAD009256819 EPA Region: 10 Area Name: SWMU 78.B OIL/WATER SEPARATOR Actual Date: 08/23/2000 Action: CA650 - Stabilization Construction Completed NAICS Code(s): 336411 Aircraft Manufacturing		
EPA ID: WAD009256819 EPA Region: 10 Area Name: SWMU 2-70.55 E STEAM CLEAN & UST BULK Actual Date: 08/23/2000 Action: CA650 - Stabilization Construction Completed NAICS Code(s): 336411 Aircraft Manufacturing		
EPA ID: WAD009256819 EPA Region: 10 Area Name: FACILITY-WIDE Actual Date: 09/01/2004 Action: CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control NAICS Code(s): 336411 Aircraft Manufacturing		

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**BOEING PLANT 2 (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000257078**

EPA ID: WAD009256819  
 EPA Region: 10  
 Area Name: FACILITY-WIDE  
 Actual Date: 09/01/2004  
 Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD009256819  
 EPA Region: 10  
 Area Name: FACILITY-WIDE  
 Actual Date: 09/09/1992  
 Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD009256819  
 EPA Region: 10  
 Area Name: FACILITY-WIDE  
 Actual Date: 09/22/1998  
 Action: CA200 - RFI Approved  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD009256819  
 EPA Region: 10  
 Area Name: FACILITY-WIDE  
 Actual Date: 09/26/1996  
 Action: CA225YE - 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  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD009256819  
 EPA Region: 10  
 Area Name: FACILITY-WIDE  
 Actual Date: 09/26/1997  
 Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD009256819  
 EPA Region: 10  
 Area Name: DSOA - OUTFALL 12 AND UNDERFLOW FLUME  
 Actual Date: 10/01/1996  
 Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD009256819

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**BOEING PLANT 2 (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

1000257078

EPA Region: 10  
Area Name: FACILITY-WIDE  
Actual Date: 11/10/1992  
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: FACILITY-WIDE  
Actual Date: 11/17/1998  
Action: CA300 - CMS Workplan Approved  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: DSOA - SOUTH  
Actual Date: 11/27/2003  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: FACILITY-WIDE  
Actual Date: 12/07/1992  
Action: CA225IN - 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  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: UST PL-23, OA3  
Actual Date: / /  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: SWMU 79 CISTERNS 1,2,3,AND 4  
Actual Date: / /  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: AOC 2-10.3A SOUTH TCE DEGREASER  
Actual Date: / /  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

BOEING PLANT 2 (Continued)

1000257078

Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: AOC 2-10.4A NORTH TCE DEGREASER  
Actual Date: / /  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: SWMU 2-87.65, SWMU 77, OA 16  
Actual Date: / /  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: BUILDING 2-15 UST  
Actual Date: / /  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: SWMU 2-41.33, ANODIC TANK LINE  
Actual Date: / /  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: DSOA - BUILDINGS 2-41 DEBRIS AREA  
Actual Date: / /  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: DSOA - OUTFALL 12 AND UNDERFLOW FLUME  
Actual Date: / /  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: OA 1 BLDG 2-66 SW SHEET PILE CONTAINMENT  
Actual Date: / /  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**BOEING PLANT 2 (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000257078**

CERC-NFRAP:

Site ID: 1000633  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: BOEING COMPANY COORPORATE  
Alias Address: Not reported  
WA  
Alias Name: BOEING AEROSPACE CO - PLT #2  
Alias Address: Not reported  
WA  
Alias Name: DUWAMISH RIV ADJACENT TO BOEING PLT #2  
Alias Address: Not reported  
WA  
Alias Name: BOEING PLT II - S YARD  
Alias Address: Not reported  
WA

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY  
Date Started: Not reported  
Date Completed: 04/01/1980  
Priority Level: Not reported  
  
Action: PRELIMINARY ASSESSMENT  
Date Started: 04/16/1985  
Date Completed: 05/06/1985  
Priority Level: Low  
  
Action: PRELIMINARY ASSESSMENT  
Date Started: 07/12/1988  
Date Completed: 07/12/1988  
Priority Level: NFRAP (No Futher Remedial Action Planned)  
  
Action: ARCHIVE SITE  
Date Started: Not reported  
Date Completed: 07/12/1988  
Priority Level: Not reported

WA MANIFEST:

Facility Site ID Number: 2100  
Permit by Rule: Yes  
Treatment by Generator: No  
Mixed radioactive waste: No  
Importer of hazardous waste: No  
Immediate recycler: No  
Treatment/Storage/Disposal/Recycling Facility: No  
Generator of dangerous fuel waste: No  
Generator marketing to burner: No  
"Other marketers (i.e., blender, distributor, etc.)": No  
Utility boiler burner: No  
Industry boiler burner: No  
Industrial Furnace: No

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

Smelter defferal: No  
 Universal waste - batteries - generate: No  
 Universal waste - thermostats - generate: No  
 Universal waste - mercury - generate: No  
 Universal waste - lamps - generate: No  
 Universal waste - batteries - accumulate: No  
 Universal waste - thermostats - accumulate: No  
 Universal waste - mercury - accumulate: No  
 Universal waste - lamps - accumulate: No  
 Destination Facility for Universal Waste: No  
 Off-specification used oil burner - utility boiler: No  
 Off-specification used oil burner - industrial boiler: No  
 Off-specification used oil burner - industrial furnace: No  
 EPA ID: WAD009256819  
 Facility Address 2: Not reported  
 TAX REG NBR: 910425694  
 NAICS CD: 336411  
 BUSINESS TYPE: Aircraft Manufacturing  
 MAIL NAME: The Boeing Company  
 MAIL ADDR LINE1: PO Box 3707 M/C 67-74  
 MAIL CITY,ST,ZIP: SEATTLE, WA 98124-2207  
 MAIL COUNTRY: UNITED STATES  
 LEGAL ORG NAME: The Boeing Company  
 LEGAL ORG TYPE: Private  
 LEGAL ADDR LINE1: Office of the General Counsel  
 LEGAL ADDR LINE2: 100 N. Riverside  
 LEGAL CITY,ST,ZIP: Chicago, IL 60606-1596  
 LEGAL COUNTRY: UNITED STATES  
 LEGAL PHONE NBR: (312)544-2800  
 LEGAL EFFECTIVE DATE: 7/30/1996  
 LAND ORG NAME: The Boeing Company  
 LAND ORG TYPE: Private  
 LAND PERSON NAME: Not reported  
 LAND ADDR LINE1: Office of the General Counsel  
 LAND ADDR LINE2: 100 N. Riverside  
 LAND CITY,ST,ZIP: Chicago, WA 60606-1596  
 LAND COUNTRY: UNITED STATES  
 LAND PHONE NBR: (312)544-2800  
 OPERATOR ORG NAME: The Boeing Company  
 OPERATOR ORG TYPE: Private  
 OPERATOR ADDR LINE1: PO BOX 3707 M/C 67-74  
 OPERATOR CITY,ST,ZIP: SEATTLE, WA 98124-2207  
 OPERATOR COUNTRY: UNITED STATES  
 OPERATOR PHONE NBR: (425)965-1567  
 OPERATOR EFFECTIVE DATE: 1/1/1997  
 SITE CONTACT NAME: Michael L Verhaar  
 SITE CONTACT ADDR LINE1: PO Box 3707 M/C 67-74  
 SITE CONTACT ZIP: SEATTLE, WA 98124-2207  
 SITE CONTACT COUNTRY: UNITED STATES  
 SITE CONTACT PHONE NBR: (425)965-1567  
 SITE CONTACT EMAIL: Not reported  
 FORM CONTACT NAME: Timothy J Savage  
 FORM CONTACT ADDR LINE1: PO Box 3707 M/C 67-74  
 FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98124-2207  
 FORM CONTACT COUNTRY: UNITED STATES  
 FORM CONTACT PHONE NBR: (425)965-2295  
 FORM CONTACT EMAIL: timothy.j.savage@boeing.com

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

GEN STATUS CD:	LQG	
MONTHLY GENERATION:	Yes	
BATCH GENERATION:	No	
ONE TIME GENERATION:	No	
TRANSPORTS OWN WASTE:	No	
TRANSPORTS OTHRS WASTE:	No	
RECYCLER ONSITE:	No	
TRANSFER FACILITY:	No	
OTHER EXEMPTION:	Not reported	
UW BATTERY GEN:	No	
USED OIL TRANSPORTER:	No	
USED OIL TRANSFER FACILITY:	No	
USED OIL PROCESSOR:	No	
USED OIL REREFINER:	No	
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	No	No
USED OIL FUEL MRKTR MEETS SPECS:	No	No
Facility Site ID Number:	2100	
Permit by Rule:	TRUE	
Treatment by Generator:	FALSE	
Mixed radioactive waste:	FALSE	
Importer of hazardous waste:	FALSE	
Immediate recycler:	FALSE	
Treatment/Storage/Disposal/Recycling Facility:	FALSE	FALSE
Generator of dangerous fuel waste:	FALSE	FALSE
Generator marketing to burner:	FALSE	FALSE
"Other marketers (i.e., blender, distributor, etc.)":	FALSE	FALSE
Utility boiler burner:	FALSE	FALSE
Industry boiler burner:	FALSE	FALSE
Industrial Furnace:	FALSE	FALSE
Smelter defferal:	FALSE	FALSE
Universal waste - batteries - generate:	FALSE	FALSE
Universal waste - thermostats - generate:	FALSE	FALSE
Universal waste - mercury - generate:	FALSE	FALSE
Universal waste - lamps - generate:	TRUE	TRUE
Universal waste - batteries - accumulate:	TRUE	TRUE
Universal waste - thermostats - accumulate:	FALSE	FALSE
Universal waste - mercury - accumulate:	FALSE	FALSE
Universal waste - lamps - accumulate:	TRUE	TRUE
Destination Facility for Universal Waste:	FALSE	FALSE
Off-specification used oil burner - utility boiler:	FALSE	FALSE
Off-specification used oil burner - industrial boiler:	FALSE	FALSE
Off-specification used oil burner - industrial furnace:	FALSE	FALSE
EPA ID:	WAD009256819	
Facility Address 2:	Not reported	
TAX REG NBR:	910425694	
NAICS CD:	336411	
BUSINESS TYPE:	Aircraft Manufacturing	
MAIL NAME:	The Boeing Company	
MAIL ADDR LINE1:	PO Box 3707 M/C 67-74	
MAIL CITY,ST,ZIP:	SEATTLE, WA 98124-2207	
MAIL COUNTRY:	UNITED STATES	
LEGAL ORG NAME:	The Boeing Company	
LEGAL ORG TYPE:	Private	
LEGAL ADDR LINE1:	Office of the General Counsel	
LEGAL ADDR LINE2:	100 N. Riverside	
LEGAL CITY,ST,ZIP:	Chicago, IL 60606-1596	

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: (312)544-2800  
LEGAL EFFECTIVE DATE: 7/30/1996  
LAND ORG NAME: The Boeing Company  
LAND ORG TYPE: Private  
LAND PERSON NAME: Not reported  
LAND ADDR LINE1: Office of the General Counsel  
LAND ADDR LINE2: 100 N. Riverside  
LAND CITY,ST,ZIP: Chicago, WA 60606-1596  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (312)544-2800  
OPERATOR ORG NAME: The Boeing Company  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: PO BOX 3707 M/C 67-74  
OPERATOR CITY,ST,ZIP: SEATTLE, WA 98124-2207  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: (425)965-1567  
OPERATOR EFFECTIVE DATE: 1/1/1997  
SITE CONTACT NAME: Michael L Verhaar  
SITE CONTACT ADDR LINE1: PO Box 3707 M/C 67-74  
SITE CONTACT ZIP: SEATTLE, WA 98124-2207  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: (425)965-1567  
SITE CONTACT EMAIL: Not reported  
FORM CONTACT NAME: Daniel M Machut  
FORM CONTACT ADDR LINE1: PO Box 3707 M/C 67-74  
FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98124-2207  
FORM CONTACT COUNTRY: UNITED STATES  
FORM CONTACT PHONE NBR: (206)655-8344  
FORM CONTACT EMAIL: daniel.m.machut@boeing.com  
GEN STATUS CD: LQG  
MONTHLY GENERATION: TRUE  
BATCH GENERATION: FALSE  
ONE TIME GENERATION: FALSE  
TRANSPORTS OWN WASTE: FALSE  
TRANSPORTS OTHRS WASTE: FALSE  
RECYCLER ONSITE: FALSE  
TRANSFER FACILITY: FALSE  
OTHER EXEMPTION: Not reported  
UW BATTERY GEN: TRUE  
USED OIL TRANSPORTER: FALSE  
USED OIL TRANSFER FACILITY: FALSE  
USED OIL PROCESSOR: FALSE  
USED OIL REREFINER: FALSE  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE  
USED OIL FUEL MRKTR MEETS SPECS: FALSE

ICR:

Date Ecology Received Report: 05/17/1993  
Contaminants Found at Site: Halogenated Solvents, Total petroleum hydrocarbons, Metals  
Media Contaminated: Groundwater, Soil  
Waste Management: Not reported  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-51  
County Code: 17.00000  
Contact: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

Report Title:	Not reported
Date Ecology Received Report:	12/11/1992
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	92-40
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	05/15/1991
Contaminants Found at Site:	Halogenated organic compounds, Metals, PCB's, Petroleum products, Non-halogenated solvents
Media Contaminated:	Soil, Groundwater, Surface water
Waste Management:	Not reported
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
Date Ecology Received Report:	05/17/1993
Contaminants Found at Site:	Solvents, Metals, Total petroleum hydrocarbons
Media Contaminated:	Groundwater, Soil
Waste Management:	Not reported
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-51
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	03/30/1992
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	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:	06/15/1992
Contaminants Found at Site:	Halogenated organic compounds, Total petroleum hydrocarbons
Media Contaminated:	Groundwater, Soil
Waste Management:	Not reported
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-27
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

**BOEING PLANT 2 (Continued)**

**1000257078**

Date Ecology Received Report: / /  
Contaminants Found at Site: Metals, Non-halogenated solvents, Polynuclear aromatic hydrocarbons  
Media Contaminated: Groundwater  
Waste Management: Not reported  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-27  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 05/17/1993  
Contaminants Found at Site: Metals, PCB's, Solvents  
Media Contaminated: Groundwater, Soil  
Waste Management: Not reported  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-51  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 05/17/1993  
Contaminants Found at Site: Total petroleum hydrocarbons, Solvents, Metals, PCB's  
Media Contaminated: Groundwater, Soil  
Waste Management: Not reported  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-51  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

**HAZNET:**

Gepaid: WAD009256819  
Contact: THE BOEING COMPANY  
Telephone: 2066557431  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 3707 M/S 63-41  
Mailing City,St,Zip: SEATTLE, WA 981242207  
Gen County: 99  
TSD EPA ID: CAD009452657  
TSD County: San Mateo  
Waste Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Tons: 1.8347  
Facility County: 99

Gepaid: WAD009256819  
Contact: THE BOEING COMPANY  
Telephone: 2066557431  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 3707 M/S 63-41  
Mailing City,St,Zip: SEATTLE, WA 981242207  
Gen County: 99

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

TSD EPA ID: CAD009452657  
TSD County: San Mateo  
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l  
Disposal Method: Disposal, Other  
Tons: .9173  
Facility County: 99

Gepaid: WAD009256819  
Contact: THE BOEING COMPANY  
Telephone: 2066557431  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 3707 M/S 63-41  
Mailing City,St,Zip: SEATTLE, WA 981242207  
Gen County: 99  
TSD EPA ID: CAD009452657  
TSD County: San Mateo  
Waste Category: \*\*\*  
Disposal Method: Recycler  
Tons: 2.2935  
Facility County: 99

Gepaid: WAD009256819  
Contact: THE BOEING COMPANY  
Telephone: 2066557431  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 3707 M/S 63-41  
Mailing City,St,Zip: SEATTLE, WA 981242207  
Gen County: 99  
TSD EPA ID: CAD009452657  
TSD County: San Mateo  
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l  
Disposal Method: Not reported  
Tons: 10.7550  
Facility County: 99

Gepaid: WAD009256819  
Contact: THE BOEING COMPANY  
Telephone: 2066557431  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 3707 M/S 63-41  
Mailing City,St,Zip: SEATTLE, WA 981242207  
Gen County: 99  
TSD EPA ID: CAD009452657  
TSD County: San Mateo  
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l  
Disposal Method: Recycler  
Tons: 3.7947  
Facility County: 99

[Click this hyperlink](#) while viewing on your computer to access  
102 additional CA\_HAZNET: record(s) in the EDR Site Report.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**Q61**  
**NNW**  
**1/4-1/2**  
**2519 ft.**

**PLANT II**  
**7755 E MARGINAL WAY S**  
**SEATTLE, WA 98108**

**LUST** **U003025356**  
**N/A**

**Site 2 of 3 in cluster Q**

**Relative:**  
**Lower**

LUST:

**Actual:**  
**10 ft.**

FS ID: 2100  
Facility ID: 10412  
Release ID: 1719  
Alternate Name: BOEING PLANT 2  
Release Notification Date: 2/2/1990 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.532733 / -122.31691600000001

FS ID: 2100  
Facility ID: 10412  
Release ID: 4073  
Alternate Name: BOEING PLANT 2 BLDG 2-08  
Release Notification Date: 12/11/1992 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Reported Cleaned Up  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.532733 / -122.31691600000001

FS ID: 2100  
Facility ID: 10412  
Release ID: 4073  
Alternate Name: BOEING PLANT 2 BLDG 2-08  
Release Notification Date: 12/11/1992 00:00:00  
Release Status Date: 12/11/1992 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.532733 / -122.31691600000001

FS ID: 2100  
Facility ID: 10412  
Release ID: 2667  
Alternate Name: BOEING PLANT 2 BLDG 2-01  
Release Notification Date: 9/27/1991 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.532733 / -122.31691600000001

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**Q62**  
**NNW**  
**1/4-1/2**  
**2519 ft.**

**BOEING CO. PLANT 2 - BLDG. 2-66**  
**7755 E. MARGINAL WAY S.**  
**SEATTLE, WA 98108**

**ICR** **S104486100**  
**N/A**

**Relative:**  
**Lower**

**Site 3 of 3 in cluster Q**

ICR:  
 Date Ecology Received Report: 01/23/1991  
 Contaminants Found at Site: Metals  
 Media Contaminated: Soil  
 Waste Management: Not reported  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 91-24  
 County Code: 17.00000  
 Contact: Not reported  
 Report Title: Not reported

**Actual:**  
**10 ft.**

**63**  
**North**  
**1/4-1/2**  
**2557 ft.**

**GALVIN FLYING SERVICES INC**  
**7777 PERIMETER ROAD S.**  
**SEATTLE, WA 98108**

**ICR** **S105124714**  
**N/A**

**Relative:**  
**Higher**

ICR:  
 Date Ecology Received Report: 10/22/2001  
 Contaminants Found at Site: Petroleum products, Vinyl chloride  
 Media Contaminated: Soil, Groundwater  
 Waste Management: Not reported  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 98-41  
 County Code: 17.00000  
 Contact: Not reported  
 Report Title: Release Notification

**Actual:**  
**14 ft.**

**64**  
**SSW**  
**1/4-1/2**  
**2621 ft.**

**S 96TH ST DITCH**  
**S 96TH ST / DUWAMISH RIVER**  
**SEATTLE, WA 98108**

**CSCSL** **S102258309**  
**N/A**

**Relative:**  
**Higher**

CSCSL:  
 Facility ID: 2058  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.517031000000003  
 Longitude: -122.316794  
 Lat/Long: 47.517031000000003 / -122.316794  
 Lat/Long (dms): 47 31 1.31160000001046 / 122 19 0.458400000005668  
 Media ID: 2551  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Suspected to be present  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Suspected to be present  
 Reactive Wastes: Suspected to be present  
 Corrosive Wastes: Suspected to be present

**Actual:**  
**20 ft.**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**S 96TH ST DITCH (Continued)**

**S102258309**

Radioactive Wastes:	Suspected to be present
Asbestos:	Not reported
Responsible Unit:	Northwest Region
Arsenic Code:	Not reported
MTBE Code:	Not reported
UXO Code:	Not reported
Dioxin:	Suspected to be present
Non-Halogenated Solvents:	Suspected to be present
Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	S
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):	Suspected to be present
Polynuclear Aromatic Hydrocarbons (PAH):	Confirmed above MTCA cleanup levels
Conventional Contaminants, Organic:	Suspected to be present
Conventional Contaminants, Inorganic:	Confirmed above MTCA cleanup levels
Tibutyl Tin Contaminant Group:	Not reported
Bioassay/Benthic Failures Contaminant Group:	Not reported
Wood Debris Contaminant Group:	Not reported
Other Deleterious Substance Group:	Not reported
Ecology Site Status (MTCA cleanup process):	Awaiting Site Hazard Assessment (SHA)
Independent Site Status (independent cleanup):	Not reported
Facility ID:	2058
warm_bin_n:	Not reported
Prog plan code:	Not reported
Latitude:	47.517031000000003
Longitude:	-122.316794
Lat/Long:	47.517031000000003 / -122.316794
Lat/Long (dms):	47 31 1.31160000001046 / 122 19 0.458400000005668
Media ID:	2552
Media Type Desc:	Groundwater
Media Status Desc:	Suspected
Affected Media:	Ground Water
Affected 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
Pesticides:	Suspected to be present
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Suspected to be present
Reactive Wastes:	Suspected to be present
Corrosive Wastes:	Suspected to be present
Radioactive Wastes:	Suspected to be present
Asbestos:	Not reported
Responsible Unit:	Northwest Region
Arsenic Code:	Not reported
MTBE Code:	Not reported
UXO Code:	Not reported
Dioxin:	Suspected to be present
Non-Halogenated Solvents:	Suspected to be present
Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	S
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant medals:	Suspected to be present
Polychlorinated biPhenyls (PCBs):	Suspected to be present
Polynuclear Aromatic Hydrocarbons (PAH):	Suspected to be present
Conventional Contaminants, Organic:	Suspected to be present

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**S 96TH ST DITCH (Continued)**

**S102258309**

Conventional Contaminants, Inorganic: Suspected to be present  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 2058  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 47.517031000000003  
Longitude: -122.316794  
Lat/Long: 47.517031000000003 / -122.316794  
Lat/Long (dms): 47 31 1.3116000001046 / 122 19 0.45840000005668  
Media ID: 2553  
Media Type Desc: Surface Water  
Media Status Desc: Suspected  
Affected Media: Surface Water  
Affected 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

Pesticides: Suspected to be present  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Suspected to be present  
Reactive Wastes: Suspected to be present  
Corrosive Wastes: Suspected to be present  
Radioactive Wastes: Suspected to be present  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Suspected to be present  
Non-Halogenated Solvents: Suspected to be present  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: S  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Suspected to be present  
Polychlorinated biPhenyls (PCBs): Suspected to be present  
Polynuclear Aromatic Hydrocarbons (PAH): Suspected to be present  
Conventional Contaminants, Organic: Suspected to be present  
Conventional Contaminants, Inorganic: Suspected to be present  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 2058  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 47.517031000000003  
Longitude: -122.316794  
Lat/Long: 47.517031000000003 / -122.316794  
Lat/Long (dms): 47 31 1.3116000001046 / 122 19 0.45840000005668

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**S 96TH ST DITCH (Continued)**

**S102258309**

Media ID: 2554  
 Media Type Desc: Air  
 Media Status Desc: Suspected  
 Affected Media: Air  
 Affected 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

Pesticides: Suspected to be present  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Suspected to be present  
 Reactive Wastes: Suspected to be present  
 Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Suspected to be present  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported

Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 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  
 Polynuclear Aromatic Hydrocarbons (PAH): Suspected to be present  
 Conventional Contaminants, Organic: Suspected to be present  
 Conventional Contaminants, Inorganic: Suspected to be present  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2058  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.517031000000003  
 Longitude: -122.316794  
 Lat/Long: 47.517031000000003 / -122.316794  
 Lat/Long (dms): 47 31 1.31160000001046 / 122 19 0.458400000005668  
 Media ID: 2555  
 Media Type Desc: Sediment  
 Media Status Desc: Confirmed  
 Affected Media: Sediments  
 Affected Media Status: C

Pesticides: Suspected to be present  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Suspected to be present  
 Reactive Wastes: Suspected to be present  
 Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Suspected to be present  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**S 96TH ST DITCH (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

UXO Code: Not reported  
 Dioxin: Suspected to be present  
 Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 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): Suspected to be present  
 Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
 Conventional Contaminants, Organic: Suspected to be present  
 Conventional Contaminants, Inorganic: Suspected to be present  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

**S102258309**

**65  
 NNW  
 1/2-1  
 3020 ft.**

**SEATTLE DUWAMISH CO (W00952)  
 7000 E MARGINAL WAY  
 SEATTLE, WA 98108**

**CSCSL U001126370  
 UST N/A**

**Relative:  
 Lower**

**CSCSL:**

**Actual:  
 10 ft.**

Facility ID: 2117  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.532733  
 Longitude: -122.31691600000001  
 Lat/Long: 47.532733 / -122.31691600000001  
 Lat/Long (dms): 47 31 57.8388000000012 / 122 19 0.89760000002229401  
 Media ID: 2691  
 Media Type Desc: Surface Water  
 Media Status Desc: Suspected  
 Affected Media: Surface Water  
 Affected 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  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): 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

SEATTLE DUWAMISH CO (W00952) (Continued)

U001126370

Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 2117  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 47.532733  
Longitude: -122.31691600000001  
Lat/Long: 47.532733 / -122.31691600000001  
Lat/Long (dms): 47 31 57.83880000000012 / 122 19 0.89760000002229401  
Media ID: 2692  
Media Type Desc: Sediment  
Media Status Desc: Suspected  
Affected Media: Sediments  
Affected 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

Pesticides: Not reported  
Petroleum Products: Not reported  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Suspected to be present  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

UST:

Facility ID: 64775371  
Site ID: 10481  
**Status: Operational**  
Tank Name: 3-POWER  
Install Date: 1/10/1992 00:00:00  
Capacity: 2,001 to 4,999 Gallons

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SEATTLE DUWAMISH CO (W00952) (Continued)**

**U001126370**

Compartment #: 1  
 Substance: Diesel  
 Ecology Region: North Western  
 Tank ID: 1135  
 Compartment ID: 1158  
 Decimal Latitude: 47.54034999999997  
 Decimal Longitude: -122.32295999999999

Facility ID: 64775371  
 Site ID: 10481  
**Status: Removed**  
 Tank Name: 2 STANDBY  
 Install Date: 1/1/1969 00:00:00  
 Capacity: Not reported  
 Compartment #: 1  
 Substance: Not reported  
 Ecology Region: North Western  
 Tank ID: 32208  
 Compartment ID: 32674  
 Decimal Latitude: 47.54034999999997  
 Decimal Longitude: -122.32295999999999

Facility ID: 64775371  
 Site ID: 10481  
**Status: Removed**  
 Tank Name: 1 STANDBY  
 Install Date: 1/1/1962 00:00:00  
 Capacity: 111 TO 1,100 Gallons  
 Compartment #: 1  
 Substance: Not reported  
 Ecology Region: North Western  
 Tank ID: 41887  
 Compartment ID: 42476  
 Decimal Latitude: 47.54034999999997  
 Decimal Longitude: -122.32295999999999

**66  
 NNW  
 1/2-1  
 3593 ft.**

**AIRGAS NORPAC SEATTLE  
 7700 14TH AVE S  
 SEATTLE, WA 98108**

**CSCSL S104971576  
 SPILLS N/A  
 VCP**

**Relative:  
 Lower**

CSCSL:  
 Facility ID: 2081  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.534146999999997  
 Longitude: -122.31398299999999  
 Lat/Long: 47.534146999999997 / -122.31398299999999  
 Lat/Long (dms): 47 32 2.9291999999901499 / 122 18 50.338799999975699  
 Media ID: 2622  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: Ground Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported

**Actual:  
 9 ft.**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**AIRGAS NORPAC SEATTLE (Continued)**

**S104971576**

Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Suspected to be present  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2081  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.534146999999997  
 Longitude: -122.31398299999999  
 Lat/Long: 47.534146999999997 / -122.31398299999999  
 Lat/Long (dms): 47 32 2.9291999999901499 / 122 18 50.3387999999975699  
 Media ID: 2623  
 Media Type Desc: Surface Water  
 Media Status Desc: Suspected  
 Affected Media: Surface Water  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Suspected to be present  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): 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

**AIRGAS NORPAC SEATTLE (Continued)**

**S104971576**

Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2081  
warm\_bin\_n: Not reported  
Prog plan code: 4  
Latitude: 47.534146999999997  
Longitude: -122.31398299999999  
Lat/Long: 47.534146999999997 / -122.31398299999999  
Lat/Long (dms): 47 32 2.9291999999901499 / 122 18 50.3387999999975699  
Media ID: 2624  
Media Type Desc: Air  
Media Status Desc: Suspected  
Affected Media: Air  
Affected 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

Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Suspected to be present  
Radioactive Wastes: Suspected to be present  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2081  
warm\_bin\_n: Not reported  
Prog plan code: 4  
Latitude: 47.534146999999997  
Longitude: -122.31398299999999  
Lat/Long: 47.534146999999997 / -122.31398299999999

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

AIRGAS NORPAC SEATTLE (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S104971576

Lat/Long (dms): 47 32 2.9291999999901499 / 122 18 50.338799999975699  
Media ID: 2625  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: Soil  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Suspected to be present  
Radioactive Wastes: Suspected to be present  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2081  
warm\_bin\_n: Not reported  
Prog plan code: 4  
Latitude: 47.534146999999997  
Longitude: -122.31398299999999  
Lat/Long: 47.534146999999997 / -122.31398299999999  
Lat/Long (dms): 47 32 2.9291999999901499 / 122 18 50.338799999975699  
Media ID: 2626  
Media Type Desc: Sediment  
Media Status Desc: Suspected  
Affected Media: Sediments  
Affected 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  
Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Suspected to be present  
Radioactive Wastes: Suspected to be present  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**AIRGAS NORPAC SEATTLE (Continued)**

**S104971576**

MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

**SPILLS:**

Facility ID: 525690  
Medium: INDUSTRIAL PROPERTY  
Material Desc: OTHER HAZARDOUS  
Material Qty: 300  
Material Units: GALLON  
Date Received: 4/10/2002  
Contact Name: Not reported  
Company Name: BOC GASES

Facility ID: 558943  
Medium: ROADWAY-PAVED  
Material Desc: PETROLEUM - HYDRAULIC OIL  
Material Qty: 1  
Material Units: OUNCE  
Date Received: 11/15/2006  
Contact Name: Not reported  
Company Name: WASTE MGT

**VCP:**

Facility ID: 2081  
Ecology Status: Independent Remedial Action  
WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4

Facility ID: 2081  
Ecology Status: Independent Remedial Action  
WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4

Facility ID: 2081  
Ecology Status: Independent Remedial Action  
WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**AIRGAS NORPAC SEATTLE (Continued)**

**S104971576**

Facility ID: 2081  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

Facility ID: 2081  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

**67  
 North  
 1/2-1  
 3629 ft.**

**HANGAR HOLDINGS INC.  
 7675 PERIMETER RD S  
 SEATTLE, WA 98108**

**CSCSL U003528693  
 LUST N/A  
 UST  
 VCP**

**Relative:  
 Higher**

**CSCSL:**

**Actual:  
 25 ft.**

Facility ID: 72811433  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.532380000000003  
 Longitude: -122.30136  
 Lat/Long: 47.532380000000003 / -122.30136  
 Lat/Long (dms): 47 31 56.567999999999998 / 122 18 4.8959999999999999  
 Media ID: 9961  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: Ground Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (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

**HANGAR HOLDINGS INC. (Continued)**

**U003528693**

Facility ID: 72811433  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.532380000000003  
 Longitude: -122.30136  
 Lat/Long: 47.532380000000003 / -122.30136  
 Lat/Long (dms): 47 31 56.567999999999998 / 122 18 4.8959999999999999  
 Media ID: 9963  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received  
  
 Facility ID: 72811433  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.532380000000003  
 Longitude: -122.30136  
 Lat/Long: 47.532380000000003 / -122.30136  
 Lat/Long (dms): 47 31 56.567999999999998 / 122 18 4.8959999999999999  
 Media ID: 9960  
 Media Type Desc: Soil  
 Media Status Desc: Below Cleanup Level  
 Affected Media: Soil  
 Affected Media Status: B (Below) - The presence of hazardous substances below MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum products). The B code may only be applied following completion of analytical work in conjunction with a Site Hazard Assessment (SHA) or Remedial Investigation/Feasibility Study (RI/FS)

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**HANGAR HOLDINGS INC. (Continued)**

**U003528693**

Pesticides: Not reported  
 Petroleum Products: Below MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Below MTCA cleanup levels  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Below MTCA cleanup levels  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

Facility ID: 72811433  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.532380000000003  
 Longitude: -122.30136  
 Lat/Long: 47.532380000000003 / -122.30136  
 Lat/Long (dms): 47 31 56.567999999999998 / 122 18 4.8959999999999999  
 Media ID: 9962  
 Media Type Desc: Groundwater  
 Media Status Desc: Below Cleanup Level  
 Affected Media: Ground Water  
 Affected Media Status: B (Below) - The presence of hazardous substances below MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum products). The B code may only be applied following completion of analytical work in conjunction with a Site Hazard Assessment (SHA) or Remedial Investigation/Feasibility Study (RI/FS)

Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**HANGAR HOLDINGS INC. (Continued)**

**U003528693**

Non-Halogenated Solvents: Below MTCA cleanup levels  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: B  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Below MTCA cleanup levels  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

Facility ID: 72811433  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.532380000000003  
 Longitude: -122.30136  
 Lat/Long: 47.532380000000003 / -122.30136  
 Lat/Long (dms): 47 31 56.567999999999998 / 122 18 4.8959999999999999  
 Media ID: 9959  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported

Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (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

HANGAR HOLDINGS INC. (Continued)

U003528693

LUST:

FS ID: 72811433  
Facility ID: 484990  
Release ID: 587690  
Alternate Name: HANGAR HOLDINGS INC (FORMER SHELL OIL)  
Release Notification Date: 8/14/2001 00:00:00  
Release Status Date: 7/25/1997 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.532380000000003 / -122.30136

FS ID: 72811433  
Facility ID: 484990  
Release ID: 587690  
Alternate Name: HANGAR HOLDINGS INC (FORMER SHELL OIL)  
Release Notification Date: 8/14/2001 00:00:00  
Release Status Date: 7/25/1997 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Ground Water  
Site Response Unit Code: NW  
Lat/Long: 47.532380000000003 / -122.30136

UST:

Facility ID: 72811433  
Site ID: 484990  
**Status: Removed**  
Tank Name: 4  
Install Date: 1/1/1900 00:00:00  
Capacity: 10,000 to 19,999 Gallons  
Compartment #: 1  
Substance: Aviation Fuel  
Ecology Region: North Western  
Tank ID: 587605  
Compartment ID: 587606  
Decimal Latitude: 47.532380000000003  
Decimal Longitude: -122.30136

Facility ID: 72811433  
Site ID: 484990  
**Status: Removed**  
Tank Name: 8  
Install Date: 1/1/1900 00:00:00  
Capacity: 10,000 to 19,999 Gallons  
Compartment #: 1  
Substance: Aviation Fuel  
Ecology Region: North Western  
Tank ID: 587626  
Compartment ID: 587627  
Decimal Latitude: 47.532380000000003  
Decimal Longitude: -122.30136

Facility ID: 72811433  
Site ID: 484990  
**Status: Removed**  
Tank Name: 6

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

HANGAR HOLDINGS INC. (Continued)

U003528693

Install Date: 1/1/1900 00:00:00  
Capacity: 10,000 to 19,999 Gallons  
Compartment #: 1  
Substance: Aviation Fuel  
Ecology Region: North Western  
Tank ID: 587615  
Compartment ID: 587616  
Decimal Latitude: 47.532380000000003  
Decimal Longitude: -122.30136

Facility ID: 72811433  
Site ID: 484990  
**Status: Removed**  
Tank Name: 3  
Install Date: 1/1/1900 00:00:00  
Capacity: 30,000 to 49,999 Gallons  
Compartment #: 1  
Substance: Aviation Fuel  
Ecology Region: North Western  
Tank ID: 587580  
Compartment ID: 587581  
Decimal Latitude: 47.532380000000003  
Decimal Longitude: -122.30136

Facility ID: 72811433  
Site ID: 484990  
**Status: Operational**  
Tank Name: 2  
Install Date: 9/27/1998 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Aviation Fuel  
Ecology Region: North Western  
Tank ID: 485000  
Compartment ID: 485023  
Decimal Latitude: 47.532380000000003  
Decimal Longitude: -122.30136

Facility ID: 72811433  
Site ID: 484990  
**Status: Removed**  
Tank Name: 5  
Install Date: 1/1/1900 00:00:00  
Capacity: 10,000 to 19,999 Gallons  
Compartment #: 1  
Substance: Aviation Fuel  
Ecology Region: North Western  
Tank ID: 587610  
Compartment ID: 587611  
Decimal Latitude: 47.532380000000003  
Decimal Longitude: -122.30136

Facility ID: 72811433  
Site ID: 484990  
**Status: Removed**  
Tank Name: 7  
Install Date: 1/1/1964 00:00:00

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

HANGAR HOLDINGS INC. (Continued)

U003528693

Capacity: 10,000 to 19,999 Gallons  
Compartment #: 1  
Substance: Aviation Fuel  
Ecology Region: North Western  
Tank ID: 587620  
Compartment ID: 587621  
Decimal Latitude: 47.532380000000003  
Decimal Longitude: -122.30136

Facility ID: 72811433  
Site ID: 484990  
**Status: Operational**  
Tank Name: 1  
Install Date: 9/27/1998 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Aviation Fuel  
Ecology Region: North Western  
Tank ID: 484999  
Compartment ID: 485022  
Decimal Latitude: 47.532380000000003  
Decimal Longitude: -122.30136

Facility ID: 72811433  
Site ID: 484990  
**Status: Removed**  
Tank Name: 9  
Install Date: 1/1/1900 00:00:00  
Capacity: 5,000 to 9,999 Gallons  
Compartment #: 1  
Substance: Aviation Fuel  
Ecology Region: North Western  
Tank ID: 587631  
Compartment ID: 587632  
Decimal Latitude: 47.532380000000003  
Decimal Longitude: -122.30136

Facility ID: 72811433  
Site ID: 484990  
**Status: Removed**  
Tank Name: 10  
Install Date: 1/1/1900 00:00:00  
Capacity: 2,001 to 4,999 Gallons  
Compartment #: 1  
Substance: Not reported  
Ecology Region: North Western  
Tank ID: 587636  
Compartment ID: 587637  
Decimal Latitude: 47.532380000000003  
Decimal Longitude: -122.30136

VCP:  
Facility ID: 72811433  
Ecology Status: Independent Remedial Action  
WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**HANGAR HOLDINGS INC. (Continued)**

**U003528693**

Facility ID: 72811433  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

Facility ID: 72811433  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

Facility ID: 72811433  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

Facility ID: 72811433  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

**R68  
 SSE  
 1/2-1  
 3646 ft.**

**BOEING A&M DEVELOPMENTAL CENTER  
 9725 E MARGINAL WAY S  
 SEATTLE, WA 98108**

**Site 1 of 2 in cluster R**

**Relative:  
 Higher**

**Actual:  
 13 ft.**

CSCSL:  
 Facility ID: 2101  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.515470999999998  
 Longitude: -122.297455  
 Lat/Long: 47.515470999999998 / -122.297455  
 Lat/Long (dms): 47 30 55.689999999999998 / 122 17 50.829999999999998  
 Media ID: 2662  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: Ground Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported

**CSCSL 1000922442  
 RCRA-LQG WAD093639946  
 CORRACTS  
 CERC-NFRAP  
 VCP  
 WA MANIFEST  
 US ENG CONTROLS  
 US INST CONTROL**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2101  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.515470999999998  
 Longitude: -122.297455  
 Lat/Long: 47.515470999999998 / -122.297455  
 Lat/Long (dms): 47 30 55.689999999999998 / 122 17 50.829999999999998  
 Media ID: 2663  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported

Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2101



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.515470999999998  
 Longitude: -122.297455  
 Lat/Long: 47.515470999999998 / -122.297455  
 Lat/Long (dms): 47 30 55.689999999999998 / 122 17 50.829999999999998  
 Media ID: 2664  
 Media Type Desc: Surface Water  
 Media Status Desc: Suspected  
 Affected Media: Surface Water  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported

Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2101  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.515470999999998  
 Longitude: -122.297455  
 Lat/Long: 47.515470999999998 / -122.297455  
 Lat/Long (dms): 47 30 55.689999999999998 / 122 17 50.829999999999998  
 Media ID: 2665  
 Media Type Desc: Air  
 Media Status Desc: Suspected  
 Affected Media: Air  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Suspected to be present

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2101  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.515470999999998  
 Longitude: -122.297455  
 Lat/Long: 47.515470999999998 / -122.297455  
 Lat/Long (dms): 47 30 55.689999999999998 / 122 17 50.829999999999998  
 Media ID: 2666  
 Media Type Desc: Sediment  
 Media Status Desc: Suspected  
 Affected Media: Sediments  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 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 Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

RCRAInfo Corrective Action Summary:

Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event Date: 08/05/2004

Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event Date: 08/05/2004

Event: CA770GW

Event Date: 06/15/2004

Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event Date: 08/29/2003

Event: CA770GW

Event Date: 05/07/2002

Event: Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).

Event Date: 05/06/2002

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

1000922442

- Event: Current Human Exposures under Control, More information is needed to make a determination.  
Event Date: 12/31/2001
- Event: Igration of Contaminated Groundwater under Control, More information is needed to make a determination.  
Event Date: 12/31/2001
- Event: CA772ID  
Event Date: 09/22/1999
- Event: CA770NG  
Event Date: 09/20/1999
- Event: Igration of Contaminated Groundwater under Control, More information is needed to make a determination.  
Event Date: 09/26/1997
- Event: Current Human Exposures under Control, More information is needed to make a determination.  
Event Date: 09/26/1997
- 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: 09/21/1994
- Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.  
Event Date: 09/21/1994
- Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.  
Event Date: 09/21/1994
- Event: Stabilization Measures Implemented, Groundwater extraction and treatment (e.g., to achieve groundwater containment, to achieve MCL).  
Event Date: 09/21/1994
- Event: RFI Imposition, Focused data collection required for stabilization evaluation.  
Event Date: 09/21/1994

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

Event: RFA Determination Of Need For An RFI, RFI is Necessary;  
 Event Date: 09/21/1994

Event: CA Prioritization, Facility or area was assigned a high corrective action  
 priority.  
 Event Date: 09/21/1994

Event: CA770GW  
 Event Date: 10/15/1993

Event: CA Prioritization, Facility or area was assigned a medium corrective action  
 priority.  
 Event Date: 09/30/1991

**RCRAInfo:**

Owner: BOEING CO  
 (206) 728-3762  
 EPA ID: WAD093639946  
 Contact: Not reported  
 Classification: Large Quantity Generator  
 TSDF Activities: Not reported

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 2005

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	16133.35	D002	14171.14
D004	9316.00	D005	81846.49
D006	77677.10	D007	96638.49
D008	90190.49	D009	4789.00
D010	67521.10	D011	16603.39
D018	2452.96	D035	886.00
F002	74234.49	U108	229.00

Violation Status: Violations exist

Regulation Violated: 200(1)(b)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/11/1996  
 Actual Date Achieved Compliance: 12/11/1996

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 01/15/1997  
 Penalty Type: Not reported

Regulation Violated: 210  
 Area of Violation: GENERATOR-MANIFEST REQUIREMENTS  
 Date Violation Determined: 12/11/1996  
 Actual Date Achieved Compliance: 12/11/1996

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 01/15/1997  
 Penalty Type: Not reported

Regulation Violated: 640(4)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 03/09/1995  
 Actual Date Achieved Compliance: 04/30/1995

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 04/12/1995  
 Penalty Type: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

Regulation Violated:	340(1)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	03/09/1995
Actual Date Achieved Compliance:	04/30/1995
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/12/1995
Penalty Type:	Not reported
Regulation Violated:	200(1)(d)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	03/09/1995
Actual Date Achieved Compliance:	04/30/1995
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/12/1995
Penalty Type:	Not reported
Regulation Violated:	400 & REF 320(2)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	07/28/1993
Actual Date Achieved Compliance:	03/02/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	01/18/1994
Penalty Type:	Not reported
Regulation Violated:	-303(2)(A)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	08/14/1991
Actual Date Achieved Compliance:	11/27/1991
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	10/29/1991
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/08/1985
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-LAND BAN REQUIREMENTS
Date Violation Determined:	08/23/1989
Actual Date Achieved Compliance:	03/08/1990
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/01/1990
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined:	08/23/1989
Actual Date Achieved Compliance:	03/08/1990
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/01/1990
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	08/23/1989
Actual Date Achieved Compliance:	03/08/1990
Enforcement Action:	WRITTEN INFORMAL

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

Enforcement Action Date:	03/01/1990
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	08/23/1989
Actual Date Achieved Compliance:	03/08/1990
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/01/1990
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-LAND BAN REQUIREMENTS
Date Violation Determined:	08/08/1989
Actual Date Achieved Compliance:	07/04/1994
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined:	08/08/1989
Actual Date Achieved Compliance:	07/04/1994
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	08/08/1989
Actual Date Achieved Compliance:	07/04/1994
Regulation Violated:	Not reported
Area of Violation:	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined:	08/08/1989
Actual Date Achieved Compliance:	07/04/1994
Regulation Violated:	Not reported
Area of Violation:	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined:	08/08/1989
Actual Date Achieved Compliance:	07/04/1994
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	08/08/1989
Actual Date Achieved Compliance:	07/04/1994
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/24/1988
Actual Date Achieved Compliance:	08/08/1989
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	08/24/1988
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined:	03/24/1988
Actual Date Achieved Compliance:	08/08/1989
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	08/24/1988
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/24/1988
Actual Date Achieved Compliance:	08/08/1989

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000922442**

Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	08/24/1988
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-LAND BAN REQUIREMENTS
Date Violation Determined:	03/24/1988
Actual Date Achieved Compliance:	08/08/1989
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	08/24/1988
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined:	03/08/1985
Actual Date Achieved Compliance:	05/10/1985
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	10/29/1991
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/08/1985
Penalty Type:	Not reported

There are 22 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Other Evaluation	GENERATOR-MANIFEST REQUIREMENTS	19961211
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19961211
	GENERATOR-GENERAL REQUIREMENTS	19950430
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19950430
	GENERATOR-GENERAL REQUIREMENTS	19950430
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19940302
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19911127
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19900308
	GENERATOR-LAND BAN REQUIREMENTS	19900308
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19900308
	TSD-LAND BAN REQUIREMENTS	19900308
Compliance Evaluation Inspection	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19940704
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940704
Compliance Evaluation Inspection	GENERATOR-LAND BAN REQUIREMENTS	19940704
	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19940704
Compliance Evaluation Inspection	TSD-LAND BAN REQUIREMENTS	19940704
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940704
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19890808
	TSD-LAND BAN REQUIREMENTS	19890808
Compliance Evaluation Inspection	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19890808
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19890808
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19850510

**CORRACTS:**

EPA ID:	WAD093639946
EPA Region:	10
Area Name:	ENTIRE FACILITY
Actual Date:	05/06/2002
Action:	CA600SR - Stabilization Measures Implemented, Primary measure is



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

source removal and/or treatment  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: BLDG 9-101  
Actual Date: 06/15/2004  
Action: CA770GW  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 08/05/2004  
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes,  
Migration of Contaminated Groundwater Under Control has been verified  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 08/05/2004  
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human  
Exposures Under Control has been verified  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 08/29/2003  
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes,  
Migration of Contaminated Groundwater Under Control has been verified  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 09/20/1999  
Action: CA770NG  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 09/21/1994  
Action: CA600GW - Stabilization Measures Implemented, Groundwater extraction  
and treatment  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 09/21/1994  
Action: CA225YE - 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  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 09/21/1994  
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 09/21/1994  
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 09/21/1994  
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 09/21/1994  
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 09/21/1994  
Action: CA100DC - RFI Imposition, Focused data collection required for stabilization evaluation  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

Site

1000922442

Actual Date: 09/22/1999  
Action: CA772ID  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 09/26/1997  
Action: CA750IN - Migration of Contaminated Groundwater under Control, More information is needed to make a determination  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 09/26/1997  
Action: CA725IN - Current Human Exposures Under Control, More information is needed to make a determination  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 09/30/1991  
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: BLDG 9-101  
Actual Date: 10/15/1993  
Action: CA770GW  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 12/31/2001  
Action: CA725IN - Current Human Exposures Under Control, More information is needed to make a determination  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 12/31/2001  
Action: CA750IN - Migration of Contaminated Groundwater under Control, More information is needed to make a determination  
NAICS Code(s): 336411  
Aircraft Manufacturing

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: BLDG 9-60  
Actual Date: / /  
Action: 9-61  
NAICS Code(s): 05/07/2002 336411  
Aircraft Manufacturing

CERC-NFRAP:  
Site ID: 1000804  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Alias Name(s):  
Alias Name: BOEING CO DEF & SPACE MIL AIRPLANES DIV  
Alias Address: 7755 E MARGINAL WAY S  
SEATTLE, WA 98124  
Site Description: Not reported

CERCLIS-NFRAP Assessment History:  
Action: DISCOVERY  
Date Started: Not reported  
Date Completed: 11/18/1980  
Priority Level: Not reported  
  
Action: PRELIMINARY ASSESSMENT  
Date Started: 04/16/1985  
Date Completed: 04/30/1985  
Priority Level: Low  
  
Action: PRELIMINARY ASSESSMENT  
Date Started: 05/27/1988  
Date Completed: 05/27/1988  
Priority Level: NFRAP (No Further Remedial Action Planned)  
  
Action: ARCHIVE SITE  
Date Started: Not reported  
Date Completed: 05/27/1988  
Priority Level: Not reported

VCP:  
Facility ID: 2101  
Ecology Status: Independent Remedial Action  
WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4  
  
Facility ID: 2101  
Ecology Status: Independent Remedial Action  
WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4  
  
Facility ID: 2101  
Ecology Status: Independent Remedial Action

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4

Facility ID: 2101  
Ecology Status: Independent Remedial Action  
WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4

Facility ID: 2101  
Ecology Status: Independent Remedial Action  
WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4

**WA MANIFEST:**

Facility Site ID Number: 2101  
Permit by Rule: No  
Treatment by Generator: No  
Mixed radioactive waste: No  
Importer of hazardous waste: No  
Immediate recycler: No  
Treatment/Storage/Disposal/Recycling Facility: No  
Generator of dangerous fuel waste: No  
Generator marketing to burner: No  
"Other marketers (i.e., blender, distributor, etc.)": No  
Utility boiler burner: No  
Industry boiler burner: No  
Industrial Furnace: No  
Smelter defferal: No  
Universal waste - batteries - generate: No  
Universal waste - thermostats - generate: No  
Universal waste - mercury - generate: No  
Universal waste - lamps - generate: Yes  
Universal waste - batteries - accumulate: No  
Universal waste - thermostats - accumulate: No  
Universal waste - mercury - accumulate: No  
Universal waste - lamps - accumulate: No  
Destination Facility for Universal Waste: No  
Off-specification used oil burner - utility boiler: No  
Off-specification used oil burner - industrial boiler: No  
Off-specification used oil burner - industrial furnace: No  
EPA ID: WAD093639946  
Facility Address 2: Not reported  
TAX REG NBR: 910425694  
NAICS CD: 336411  
BUSINESS TYPE: aircraft manufacture  
MAIL NAME: The Boeing Company  
MAIL ADDR LINE1: PO BOX 3707 MC 46-23  
MAIL CITY,ST,ZIP: SEATTLE, WA 98124-2207  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: The Boeing Co  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: PO BOX 3707 MC 46-23  
LEGAL CITY,ST,ZIP: SEATTLE, WA 98124-2207  
LEGAL COUNTRY: UNITED STATES

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

LEGAL PHONE NBR: (312)544-2800  
LEGAL EFFECTIVE DATE: 7/30/1996  
LAND ORG NAME: The Boeing Co  
LAND ORG TYPE: Private  
LAND PERSON NAME: Not reported  
LAND ADDR LINE1: Office of the General Council  
LAND ADDR LINE2: 100 N Riverside  
LAND CITY,ST,ZIP: Chicago, IL 60606-1596  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (312)544-2800  
OPERATOR ORG NAME: Boeing IDS Seattle Site  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: PO Box 3707 M/C 80-RX  
OPERATOR CITY,ST,ZIP: SEATTLE, WA 98124-2207  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: (253)657-3065  
OPERATOR EFFECTIVE DATE: 3/25/1997  
SITE CONTACT NAME: Eric S Vetter  
SITE CONTACT ADDR LINE1: PO BOX 3707 MC 46-23  
SITE CONTACT ZIP: SEATTLE, WA 98124-2207  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: (206) 544-1230  
SITE CONTACT EMAIL: eric.s.vetter@boeing.com  
FORM CONTACT NAME: Nancy L Ballew  
FORM CONTACT ADDR LINE1: PO BOX 3707 MC 46-23  
FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98124-2207  
FORM CONTACT COUNTRY: UNITED STATES  
FORM CONTACT PHONE NBR: (206) 544-0205  
FORM CONTACT EMAIL: nancy.l.ballew@boeing.com  
GEN STATUS CD: LQG  
MONTHLY GENERATION: Yes  
BATCH GENERATION: No  
ONE TIME GENERATION: No  
TRANSPORTS OWN WASTE: No  
TRANSPORTS OTHRS WASTE: No  
RECYCLER ONSITE: No  
TRANSFER FACILITY: No  
OTHER EXEMPTION: Not reported  
UW BATTERY GEN: No  
USED OIL TRANSPORTER: No  
USED OIL TRANSFER FACILITY: No  
USED OIL PROCESSOR: No  
USED OIL REREFINER: No  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: No  
USED OIL FUEL MRKTR MEETS SPECS: No  
  
Facility Site ID Number: 2101  
Permit by Rule: FALSE  
Treatment by Generator: FALSE  
Mixed radioactive waste: FALSE  
Importer of hazardous waste: FALSE  
Immediate recycler: FALSE  
Treatment/Storage/Disposal/Recycling Facility: FALSE  
Generator of dangerous fuel waste: FALSE  
Generator marketing to burner: FALSE  
"Other marketers (i.e., blender, distributor, etc.)": FALSE  
Utility boiler burner: FALSE

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

Industry boiler burner:	FALSE
Industrial Furnace:	FALSE
Smelter defferal:	FALSE
Universal waste - batteries - generate:	FALSE
Universal waste - thermostats - generate:	FALSE
Universal waste - mercury - generate:	FALSE
Universal waste - lamps - generate:	TRUE
Universal waste - batteries - accumulate:	TRUE
Universal waste - thermostats - accumulate:	FALSE
Universal waste - mercury - accumulate:	FALSE
Universal waste - lamps - accumulate:	TRUE
Destination Facility for Universal Waste:	FALSE
Off-specification used oil burner - utility boiler:	FALSE
Off-specification used oil burner - industrial boiler:	FALSE
Off-specification used oil burner - industrial furnace:	FALSE
EPA ID:	WAD093639946
Facility Address 2:	Not reported
TAX REG NBR:	910425694
NAICS CD:	336411
BUSINESS TYPE:	aircraft manufacture
MAIL NAME:	The Boeing Company
MAIL ADDR LINE1:	PO BOX 3707 MC 46-23
MAIL CITY,ST,ZIP:	SEATTLE, WA 98124-2207
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	The Boeing Co
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO BOX 3707 MC 46-23
LEGAL CITY,ST,ZIP:	SEATTLE, WA 98124-2207
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(312)544-2800
LEGAL EFFECTIVE DATE:	7/30/1996
LAND ORG NAME:	The Boeing Co
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	Office of the General Council
LAND ADDR LINE2:	100 N Riverside
LAND CITY,ST,ZIP:	Chicago, IL 60606-1596
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(312)544-2800
OPERATOR ORG NAME:	Boeing IDS Seattle Site
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	PO Box 3707 M/C 80-RX
OPERATOR CITY,ST,ZIP:	SEATTLE, WA 98124-2207
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(253)657-3065
OPERATOR EFFECTIVE DATE:	3/25/1997
SITE CONTACT NAME:	Eric S Vetter
SITE CONTACT ADDR LINE1:	PO BOX 3707 MC 46-23
SITE CONTACT ZIP:	SEATTLE, WA 98124-2207
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(206) 544-1230
SITE CONTACT EMAIL:	eric.s.vetter@boeing.com
FORM CONTACT NAME:	Nancy L Ballew
FORM CONTACT ADDR LINE1:	PO BOX 3707 MC 46-23
FORM CONTACT CITY,ST,ZIP:	SEATTLE, WA 98124-2207
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(206) 544-0205

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

FORM CONTACT EMAIL: nancy.l.ballew@boeing.com  
GEN STATUS CD: LQG  
MONTHLY GENERATION: TRUE  
BATCH GENERATION: FALSE  
ONE TIME GENERATION: FALSE  
TRANSPORTS OWN WASTE: FALSE  
TRANSPORTS OTHRS WASTE: FALSE  
RECYCLER ONSITE: FALSE  
TRANSFER FACILITY: FALSE  
OTHER EXEMPTION: Not reported  
UW BATTERY GEN: TRUE  
USED OIL TRANSPORTER: FALSE  
USED OIL TRANSFER FACILITY: FALSE  
USED OIL PROCESSOR: FALSE  
USED OIL REREFINER: FALSE  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE  
USED OIL FUEL MRKTR MEETS SPECS: FALSE

**US ENG CONTROLS:**

EPA ID: WAD093639946  
Site ID: Not reported  
Name: BOEING A&M DEVELOPMENTAL CENTER  
Address: 9725 E MARGINAL WAY S  
SEATTLE, WA 98108  
EPA Region: 10  
County: KING  
Event Code: CA770GW  
Actual Date: 06/15/2004

Action ID: Not reported  
Action Name: Not reported  
Action Completion date: Not reported  
Planned Complet. date: Not reported  
Operable Unit: Not reported  
Contaminated Media : Not reported  
Engineering Control: Not reported

Action ID: Not reported  
Action Name: Not reported  
Action Completion date: Not reported  
Planned Complet. date: Not reported  
Operable Unit: Not reported  
Contaminated Media : Not reported  
Engineering Control: Not reported

**US INST CONTROL:**

EPA ID: WAD093639946  
Site ID: Not reported  
Name: BOEING A&M DEVELOPMENTAL CENTER  
Action Name: Not reported  
Address: 9725 E MARGINAL WAY S  
SEATTLE, WA 98108  
EPA Region: 10  
County: KING  
Event Code: CA772ID



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

Inst. Control: Not reported  
 Actual Date: 09/22/1999  
 Planned Complet. Date: / /  
 Complet. Date: / /  
 Operable Unit: Not reported  
 Contaminated Media : Not reported

**R69  
 SSE  
 1/2-1  
 3646 ft.**

**BOEING DEVELOPMENT CENTER NORFOLK  
 9725 E MARGINAL WAY  
 TUKWILA, WA 98108**

**CSCSL S105790035  
 SPILLS N/A  
 VCP**

**Site 2 of 2 in cluster R**

**Relative:  
 Higher**

**CSCSL:**

**Actual:  
 13 ft.**

Facility ID: 4581384  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.513333000000003  
 Longitude: -122.28958299999999  
 Lat/Long: 47.513333000000003 / -122.28958299999999  
 Lat/Long (dms): 47 30 48 / 122 17 22.5  
 Media ID: 9702  
 Media Type Desc: Soil  
 Media Status Desc: Below Cleanup Level  
 Affected Media: Soil  
 Affected Media Status: B (Below) - The presence of hazardous substances below MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum products). The B code may only be applied following completion of analytical work in conjunction with a Site Hazard Assessment (SHA) or Remedial Investigation/Feasibility Study (RI/FS)  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Below MTCA cleanup levels  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (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

**BOEING DEVELOPMENT CENTER NORFOLK (Continued)**

**S105790035**

**SPILLS:**

Facility ID: 505012  
 Medium: SURFACE WATER-FRESH  
 Material Desc: OTHER - SEE NOTE  
 Material Qty: 200  
 Material Units: GALLON  
 Date Received: 7/2/1999  
 Contact Name: BOEING  
 Company Name: BOEING

Facility ID: 531602  
 Medium: CATCH BASIN  
 Material Desc: PETROLEUM - GASOLINE  
 Material Qty: 10  
 Material Units: GALLON  
 Date Received: 1/21/2003  
 Contact Name: Not reported  
 Company Name: BOEING

**VCP:**

Facility ID: 4581384  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

**S70  
 North  
 1/2-1  
 4094 ft.**

**BOEING S&CS ELECTRONIC MANUFACTURING FACILITY  
 7355 PERIMETER RD S  
 SEATTLE, WA 98108**

**CSCSL 1000257103  
 FINDS WAD980980270  
 RCRA-LQG  
 UST  
 WA MANIFEST**

**Site 1 of 2 in cluster S**

**Relative:  
 Higher**

**CSCSL:**

**Actual:  
 23 ft.**

Facility ID: 73142589  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.538161000000002  
 Longitude: -122.305345  
 Lat/Long: 47.538161000000002 / -122.305345  
 Lat/Long (dms): 47 32 17.379999999999999 / 122 18 19.240000000000002  
 Media ID: 8072  
 Media Type Desc: Soil  
 Media Status Desc: Suspected  
 Affected Media: Soil  
 Affected 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  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING S&CS ELECTRONIC MANUFACTURING FACILITY (Continued)**

**1000257103**

UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 73142589  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.538161000000002  
 Longitude: -122.305345  
 Lat/Long: 47.538161000000002 / -122.305345  
 Lat/Long (dms): 47 32 17.379999999999999 / 122 18 19.240000000000002  
 Media ID: 8073  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: Ground Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING S&CS ELECTRONIC MANUFACTURING FACILITY (Continued)**

**1000257103**

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**RCRAInfo:**

Owner: BOEING CO  
 425865-2400  
 EPA ID: WAD980980270  
 Contact: Not reported  
 Classification: Large Quantity Generator  
 TSDF Activities: Not reported

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 2005

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D008	5.00	D028	22264.48
D043	28264.48	F001	28264.48

Violation Status: No violations found

**UST:**

Facility ID: 73142589  
 Site ID: 10416  
**Status: Exempt**  
 Tank Name: PL 202  
 Install Date: 12/31/1964 00:00:00  
 Capacity: Not reported  
 Compartment #: 1  
 Substance: Heating Fuel  
 Ecology Region: North Western  
 Tank ID: 30016  
 Compartment ID: 30438  
 Decimal Latitude: 47.538161000000002  
 Decimal Longitude: -122.305345

Facility ID: 73142589  
 Site ID: 10416  
**Status: Removed**  
 Tank Name: PL 203  
 Install Date: 12/31/1964 00:00:00

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOEING S&CS ELECTRONIC MANUFACTURING FACILITY (Continued)**

**1000257103**

Capacity: Not reported  
Compartment #: 1  
Substance: Heating Fuel  
Ecology Region: North Western  
Tank ID: 30146  
Compartment ID: 30571  
Decimal Latitude: 47.538161000000002  
Decimal Longitude: -122.305345

**WA MANIFEST:**

Facility Site ID Number: 73142589  
Permit by Rule: No  
Treatment by Generator: No  
Mixed radioactive waste: No  
Importer of hazardous waste: No  
Immediate recycler: No  
Treatment/Storage/Disposal/Recycling Facility: No  
Generator of dangerous fuel waste: No  
Generator marketing to burner: No  
"Other marketers (i.e., blender, distributor, etc.)": No  
Utility boiler burner: No  
Industry boiler burner: No  
Industrial Furnace: No  
Smelter deferral: No  
Universal waste - batteries - generate: No  
Universal waste - thermostats - generate: No  
Universal waste - mercury - generate: No  
Universal waste - lamps - generate: No  
Universal waste - batteries - accumulate: No  
Universal waste - thermostats - accumulate: No  
Universal waste - mercury - accumulate: No  
Universal waste - lamps - accumulate: No  
Destination Facility for Universal Waste: No  
Off-specification used oil burner - utility boiler: No  
Off-specification used oil burner - industrial boiler: No  
Off-specification used oil burner - industrial furnace: No  
EPA ID: WAD980980270  
Facility Address 2: Not reported  
TAX REG NBR: 910425694  
NAICS CD: 336411  
BUSINESS TYPE: Not reported  
MAIL NAME: The Boeing Company  
MAIL ADDR LINE1: PO BOX 3707 MS 46-23  
MAIL CITY,ST,ZIP: SEATTLE, WA 98124-2207  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: The Boeing Co  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: Office of the General Council  
LEGAL ADDR LINE2: 100 N Riverside  
LEGAL CITY,ST,ZIP: Chicago, IL 60606-1596  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: (312)544-2800  
LEGAL EFFECTIVE DATE: 7/30/1996  
LAND ORG NAME: King County International Airport  
LAND ORG TYPE: County  
LAND PERSON NAME: Pat Terrell  
LAND ADDR LINE1: PO BOX 80245

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING S&CS ELECTRONIC MANUFACTURING FACILITY (Continued)**

**1000257103**

LAND CITY,ST,ZIP: SEATTLE, WA 98108-0245  
 LAND COUNTRY: UNITED STATES  
 LAND PHONE NBR: (206)296-7380  
 OPERATOR ORG NAME: Boeing IDS Seattle Site  
 OPERATOR ORG TYPE: Private  
 OPERATOR ADDR LINE1: PO Box 3707 MS 80-RX  
 OPERATOR CITY,ST,ZIP: SEATTLE, WA 98124-2207  
 OPERATOR COUNTRY: UNITED STATES  
 OPERATOR PHONE NBR: (253)657-3065  
 OPERATOR EFFECTIVE DATE: 7/30/1996  
 SITE CONTACT NAME: Eric S Vetter  
 SITE CONTACT ADDR LINE1: PO BOX 3707 MC 46-23  
 SITE CONTACT ZIP: SEATTLE, WA 98124-2207  
 SITE CONTACT COUNTRY: UNITED STATES  
 SITE CONTACT PHONE NBR: (206)544-1230  
 SITE CONTACT EMAIL: eric.s.vetter@boeing.com  
 FORM CONTACT NAME: Nancy L Ballew  
 FORM CONTACT ADDR LINE1: PO BOX 3707 MC 46-23  
 FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98124-2207  
 FORM CONTACT COUNTRY: UNITED STATES  
 FORM CONTACT PHONE NBR: (206)544-0205  
 FORM CONTACT EMAIL: nancy.l.ballew@boeing.com  
 GEN STATUS CD: LQG  
 MONTHLY GENERATION: Yes  
 BATCH GENERATION: No  
 ONE TIME GENERATION: No  
 TRANSPORTS OWN WASTE: No  
 TRANSPORTS OTHRS WASTE: No  
 RECYCLER ONSITE: No  
 TRANSFER FACILITY: No  
 OTHER EXEMPTION: Not reported  
 UW BATTERY GEN: No  
 USED OIL TRANSPORTER: No  
 USED OIL TRANSFER FACILITY: No  
 USED OIL PROCESSOR: No  
 USED OIL REREFINER: No  
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: No  
 USED OIL FUEL MRKTR MEETS SPECS: No

Facility Site ID Number: 73142589  
 Permit by Rule: FALSE  
 Treatment by Generator: FALSE  
 Mixed radioactive waste: FALSE  
 Importer of hazardous waste: FALSE  
 Immediate recycler: FALSE  
 Treatment/Storage/Disposal/Recycling Facility: FALSE  
 Generator of dangerous fuel waste: FALSE  
 Generator marketing to burner: FALSE  
 "Other marketers (i.e., blender, distributor, etc.)": FALSE  
 Utility boiler burner: FALSE  
 Industry boiler burner: FALSE  
 Industrial Furnace: FALSE  
 Smelter deferral: FALSE  
 Universal waste - batteries - generate: FALSE  
 Universal waste - thermostats - generate: FALSE  
 Universal waste - mercury - generate: FALSE  
 Universal waste - lamps - generate: FALSE

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOEING S&CS ELECTRONIC MANUFACTURING FACILITY (Continued)**

**1000257103**

Universal waste - batteries - accumulate: FALSE  
Universal waste - thermostats - accumulate: FALSE  
Universal waste - mercury - accumulate: FALSE  
Universal waste - lamps - accumulate: FALSE  
Destination Facility for Universal Waste: FALSE  
Off-specification used oil burner - utility boiler: FALSE  
Off-specification used oil burner - industrial boiler: FALSE  
Off-specification used oil burner - industrial furnace: FALSE  
EPA ID: WAD980980270  
Facility Address 2: Not reported  
TAX REG NBR: 910425694  
NAICS CD: 336411  
BUSINESS TYPE: Not reported  
MAIL NAME: The Boeing Company  
MAIL ADDR LINE1: PO BOX 3707 MS 46-23  
MAIL CITY,ST,ZIP: SEATTLE, WA 98124-2207  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: The Boeing Co  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: Office of the General Council  
LEGAL ADDR LINE2: 100 N Riverside  
LEGAL CITY,ST,ZIP: Chicago, IL 60606-1596  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: (312)544-2800  
LEGAL EFFECTIVE DATE: 7/30/1996  
LAND ORG NAME: King County International Airport  
LAND ORG TYPE: County  
LAND PERSON NAME: Pat Terrell  
LAND ADDR LINE1: PO BOX 80245  
LAND CITY,ST,ZIP: SEATTLE, WA 98108-0245  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (206)296-7380  
OPERATOR ORG NAME: Boeing IDS Seattle Site  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: PO Box 3707 MS 80-RX  
OPERATOR CITY,ST,ZIP: SEATTLE, WA 98124-2207  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: (253)657-3065  
OPERATOR EFFECTIVE DATE: 7/30/1996  
SITE CONTACT NAME: Eric S Vetter  
SITE CONTACT ADDR LINE1: PO BOX 3707 MC 46-23  
SITE CONTACT ZIP: SEATTLE, WA 98124-2207  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: (206)544-1230  
SITE CONTACT EMAIL: eric.s.vetter@boeing.com  
FORM CONTACT NAME: Nancy L Ballew  
FORM CONTACT ADDR LINE1: PO BOX 3707 MC 46-23  
FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98124-2207  
FORM CONTACT COUNTRY: UNITED STATES  
FORM CONTACT PHONE NBR: (206)544-0205  
FORM CONTACT EMAIL: nancy.l.ballew@boeing.com  
GEN STATUS CD: LQG  
MONTHLY GENERATION: FALSE  
BATCH GENERATION: TRUE  
ONE TIME GENERATION: FALSE  
TRANSPORTS OWN WASTE: FALSE  
TRANSPORTS OTHERS WASTE: FALSE

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING S&CS ELECTRONIC MANUFACTURING FACILITY (Continued)**

**1000257103**

RECYCLER ONSITE: FALSE  
 TRANSFER FACILITY: FALSE  
 OTHER EXEMPTION: Not reported  
 UW BATTERY GEN: FALSE  
 USED OIL TRANSPORTER: FALSE  
 USED OIL TRANSFER FACILITY: FALSE  
 USED OIL PROCESSOR: FALSE  
 USED OIL REREFINER: FALSE  
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE  
 USED OIL FUEL MRKTR MEETS SPECS: FALSE

**S71**  
**North**  
**1/2-1**  
**4176 ft.**

**BOEING ELECTRONIC MFG**  
**7300 PERIMETER RD S**  
**SEATTLE, WA 98108**

**CSCSL S104971190**  
**N/A**

**Site 2 of 2 in cluster S**

**Relative:**  
**Higher**

**CSCSL:**

**Actual:**  
**23 ft.**

Facility ID: 63879778  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.535380000000004  
 Longitude: -122.30124000000001  
 Lat/Long: 47.535380000000004 / -122.30124000000001  
 Lat/Long (dms): 47 32 7.368000000000003 / 122 18 4.4640000000000004  
 Media ID: 7601  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

72  
 NNW  
 1/2-1  
 4207 ft.

**BOEING NORTH FIELD**  
**7370 E MARGINAL WAY S**  
**SEATTLE, WA 98108**

**CSCSL S102363853**  
**N/A**

**Relative:**  
**Lower**

CSCSL:

**Actual:**  
**7 ft.**

Facility ID: 2050  
 warm\_bin\_n: 5  
 Prog plan code: Not reported  
 Latitude: 47.540933000000003  
 Longitude: -122.313383  
 Lat/Long: 47.540933000000003 / -122.313383  
 Lat/Long (dms): 47 32 27.3588000000092 / 122 18 48.178800000006298  
 Media ID: 2530  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: Ground Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Confirmed above MTCA cleanup levels  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Suspected to be present  
 Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant medals: Suspected to be present  
 Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Confirmed above MTCA cleanup levels  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2050  
 warm\_bin\_n: 5  
 Prog plan code: Not reported  
 Latitude: 47.540933000000003  
 Longitude: -122.313383  
 Lat/Long: 47.540933000000003 / -122.313383  
 Lat/Long (dms): 47 32 27.3588000000092 / 122 18 48.178800000006298  
 Media ID: 2531  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**BOEING NORTH FIELD (Continued)**

**S102363853**

Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Confirmed above MTCA cleanup levels  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Suspected to be present  
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: C  
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
Metals - Other non-priority pollutant medals: Suspected to be present  
Polychlorinated biPhenyls (PCBs): Suspected to be present  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Confirmed above MTCA cleanup levels  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2050  
warm\_bin\_n: 5  
Prog plan code: Not reported  
Latitude: 47.540933000000003  
Longitude: -122.313383  
Lat/Long: 47.540933000000003 / -122.313383  
Lat/Long (dms): 47 32 27.3588000000092 / 122 18 48.178800000006298  
Media ID: 2532  
Media Type Desc: Sediment  
Media Status Desc: Confirmed  
Affected Media: Sediments  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Confirmed above MTCA cleanup levels  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Suspected to be present  
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: C  
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
Metals - Other non-priority pollutant medals: Suspected to be present  
Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING NORTH FIELD (Continued)**

**S102363853**

Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Confirmed above MTCA cleanup levels  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2050  
 warm\_bin\_n: 5  
 Prog plan code: Not reported  
 Latitude: 47.540933000000003  
 Longitude: -122.313383  
 Lat/Long: 47.540933000000003 / -122.313383  
 Lat/Long (dms): 47 32 27.3588000000092 / 122 18 48.178800000006298  
 Media ID: 2533  
 Media Type Desc: Surface Water  
 Media Status Desc: Suspected  
 Affected Media: Surface Water  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Suspected to be present

Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Suspected to be present  
 Polychlorinated biPhenyls (PCBs): Suspected to be present  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Suspected to be present  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

73  
 North  
 1/2-1  
 4213 ft.

**AIR NATIONAL**  
**7277 PERIMETER RD S 215 MAIN T**  
**SEATTLE, WA 98108**

**RCRA-SQG** 1000455946  
**CSCSL** WAD988475570  
**FINDS**

**Relative:**  
**Higher**

RCRAInfo:

Owner: AIR NATIONAL  
 EPA ID: WAD988475570

**Actual:**  
**23 ft.**

Contact: MICKELA SCHER  
 (206) 763-6920

Classification: Small Quantity Generator  
 TSDF Activities: Not reported

Violation Status: No violations found

CSCSL:

Facility ID: 59377658  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.543259999999997  
 Longitude: -122.31491  
 Lat/Long: 47.543259999999997 / -122.31491  
 Lat/Long (dms): 47 32 35.730000000000004 / 122 18 53.670000000000002  
 Media ID: 8445  
 Media Type Desc: Soil  
 Media Status Desc: Suspected  
 Affected Media: Soil  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported

Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**AIR NATIONAL (Continued)**

**1000455946**

Facility ID: 59377658  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.543259999999997  
 Longitude: -122.31491  
 Lat/Long: 47.543259999999997 / -122.31491  
 Lat/Long (dms): 47 32 35.730000000000004 / 122 18 53.670000000000002  
 Media ID: 8444  
 Media Type Desc: Groundwater  
 Media Status Desc: Suspected  
 Affected Media: Ground Water  
 Affected 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  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**AIR NATIONAL (Continued)**

**1000455946**

interest to the departments Air Quality, Dam Safety, Hazardous Waste,  
 Toxics Cleanup, and Water Quality Programs.

**74  
 NW  
 1/2-1  
 4230 ft.**

**DUWAMISH RIVER SLIP 4  
 SLIP 4 DUWAMISH RIVER  
 SEATTLE, WA 98108**

**RCRA-SQG 1000199782  
 CSCSL WAD980977029  
 FINDS**

**Relative:  
 Lower**

RCRAInfo:  
 Owner: WA ECY  
 EPA ID: WAD980977029

**Actual:  
 3 ft.**

Contact: GARY BRUGGER  
 (425) 885-1900

Classification: Small Quantity Generator  
 TSDF Activities: Not reported

Violation Status: No violations found

**CSCSL:**

Facility ID: 29959714  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.535558000000002  
 Longitude: -122.319672  
 Lat/Long: 47.535558000000002 / -122.319672  
 Lat/Long (dms): 47 32 8.0088000000063193 / 122 19 10.8191999999895  
 Media ID: 5589  
 Media Type Desc: Sediment  
 Media Status Desc: Confirmed  
 Affected Media: Sediments  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels  
 Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**DUWAMISH RIVER SLIP 4 (Continued)**

**1000199782**

Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**75**  
**South**  
**1/2-1**  
**4312 ft.**

**MOIMOI PROPERTY**  
**10118 DES MOINES MEMORIAL DR S**  
**SEATTLE, WA 98168**

**CSCSL 1007062511**  
**FINDS 110015390502**  
**BROWNFIELDS**

**Relative:**  
**Higher**

**CSCSL:**

Facility ID:	95231135	
warm_bin_n:	5	
Prog plan code:	Not reported	
Latitude:	47.512239999999998	
Longitude:	-122.30844999999999	
Lat/Long:	47.512239999999998 / -122.30844999999999	
Lat/Long (dms):	47 30 44 / 122 18 30	
Media ID:	7151	
Media Type Desc:	Groundwater	
Media Status Desc:	Suspected	
Affected Media:	Ground Water	
Affected 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	
Pesticides:	Not reported	
Petroleum Products:	Suspected to be present	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Not reported
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

MOIMOI PROPERTY (Continued)

1007062511

EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 95231135  
warm\_bin\_n: 5  
Prog plan code: Not reported  
Latitude: 47.512239999999998  
Longitude: -122.30844999999999  
Lat/Long: 47.512239999999998 / -122.30844999999999  
Lat/Long (dms): 47 30 44 / 122 18 30  
Media ID: 5748  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: Soil  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported

Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Suspected to be present  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
Independent Site Status (independent cleanup): Not reported

FINDS:

Other Pertinent Environmental Activity Identified at Site

WA-DOEFSSIS (Washington - Department Of Ecology Facility / Site



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**MOIMOI PROPERTY (Continued)**

**1007062511**

Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**BROWNFIELDS:**

Facility ID: 95231135  
 Site Stat Code: 2

Facility ID: 95231135  
 Site Stat Code: 2

**76  
 WNW  
 1/2-1  
 4499 ft.**

**INTERSTATE COATINGS  
 754 S CHICAGO  
 SEATTLE, WA 98108**

**RCRA-SQG 1000697065  
 CSCSL WAD988507430  
 FINDS  
 BROWNFIELDS  
 ICR**

**Relative:  
 Lower**

RCRAInfo:  
 Owner: INTERSTATE COATINGS  
 (206)762-1320  
 EPA ID: WAD988507430  
 Contact: Not reported  
 Classification: Small Quantity Generator  
 TSD Activities: Not reported

**Actual:  
 9 ft.**

Violation Status: Violations exist

Regulation Violated: 200(1)(c)&(d)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/07/1998  
 Actual Date Achieved Compliance: 12/08/1998

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 12/17/1998  
 Penalty Type: Not reported

Regulation Violated: 180(1)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/07/1998  
 Actual Date Achieved Compliance: 01/19/1999

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 12/17/1998  
 Penalty Type: Not reported

Regulation Violated: 200(1)(b)&630(7)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/07/1998  
 Actual Date Achieved Compliance: 12/08/1998

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 12/17/1998  
 Penalty Type: Not reported

Regulation Violated: 200(1)(b)&630(5)(a)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**INTERSTATE COATINGS (Continued)**

**1000697065**

Date Violation Determined: 12/07/1998  
 Actual Date Achieved Compliance: 12/08/1998  
 Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 12/17/1998  
 Penalty Type: Not reported

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	19981208
	GENERATOR-GENERAL REQUIREMENTS	19981208
	GENERATOR-GENERAL REQUIREMENTS	19990119
	GENERATOR-GENERAL REQUIREMENTS	19981208

**CSCSL:**

Facility ID: 2335  
 warm\_bin\_n: 2  
 Prog plan code: Not reported  
 Latitude: 47.532640000000001  
 Longitude: -122.323980000000001  
 Lat/Long: 47.532640000000001 / -122.323980000000001  
 Lat/Long (dms): 47 31 57.5 / 122 19 26.330000000000002  
 Media ID: 3246  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2335  
 warm\_bin\_n: 2

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**INTERSTATE COATINGS (Continued)**

**1000697065**

Prog plan code: Not reported  
 Latitude: 47.532640000000001  
 Longitude: -122.323980000000001  
 Lat/Long: 47.532640000000001 / -122.323980000000001  
 Lat/Long (dms): 47 31 57.5 / 122 19 26.330000000000002  
 Media ID: 3247  
 Media Type Desc: Groundwater  
 Media Status Desc: Suspected  
 Affected Media: Ground Water  
 Affected 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  
  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status (independent cleanup): Not reported  
  
 Facility ID: 2335  
 warm\_bin\_n: 2  
 Prog plan code: Not reported  
 Latitude: 47.532640000000001  
 Longitude: -122.323980000000001  
 Lat/Long: 47.532640000000001 / -122.323980000000001  
 Lat/Long (dms): 47 31 57.5 / 122 19 26.330000000000002  
 Media ID: 3248  
 Media Type Desc: Surface Water  
 Media Status Desc: Suspected  
 Affected Media: Surface Water  
 Affected 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  
  
 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

**INTERSTATE COATINGS (Continued)**

**1000697065**

Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Suspected to be present
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		S
EPA Priority Pollutants - Metals and Cyanide:		Suspected to be present
Metals - Other non-priority pollutant medals:		Not reported
Polychlorinated biPhenyls (PCBs):		Not reported
Polynuclear Aromatic Hydrocarbons (PAH):		Not reported
Conventional Contaminants, Organic:		Not reported
Conventional Contaminants, Inorganic:		Not reported
Tibutyl Tin Contaminant Group:		Not reported
Bioassay/Benthic Failures Contaminant Group:		Not reported
Wood Debris Contaminant Group:		Not reported
Other Deleterious Substance Group:		Not reported
Ecology Site Status (MTCA cleanup process):		Ranked, Awaiting Remedial Action (RA)
Independent Site Status (independent cleanup):		Not reported
Facility ID:	2335	
warm_bin_n:	2	
Prog plan code:	Not reported	
Latitude:	47.532640000000001	
Longitude:	-122.323980000000001	
Lat/Long:	47.532640000000001 / -122.323980000000001	
Lat/Long (dms):	47 31 57.5 / 122 19 26.330000000000002	
Media ID:	3249	
Media Type Desc:	Air	
Media Status Desc:	Suspected	
Affected Media:	Air	
Affected 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	
Pesticides:	Not reported	
Petroleum Products:	Suspected to be present	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Suspected to be present
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		S
EPA Priority Pollutants - Metals and Cyanide:		Suspected to be present
Metals - Other non-priority pollutant medals:		Not reported
Polychlorinated biPhenyls (PCBs):		Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

**INTERSTATE COATINGS (Continued)**

**1000697065**

Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
Independent Site Status (independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**BROWNFIELDS:**

Facility ID: 2335  
Site Stat Code: 2

Facility ID: 2335  
Site Stat Code: 2

Facility ID: 2335  
Site Stat Code: 2

Facility ID: 2335  
Site Stat Code: 2

**ICR:**

Date Ecology Received Report: 12/04/1998  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: 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

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**77**  
**WSW**  
**1/2-1**  
**4787 ft.**

**ADVANCE ELECTROPLATING**  
**9585 8TH AVE. S.**  
**SEATTLE, WA 98108**

**RCRA-SQG**  
**CSCSL**  
**FINDS**  
**CERC-NFRAP**  
**BROWNFIELDS**  
**HAZNET**

**Relative:**  
**Higher**

**Actual:**  
**30 ft.**

RCRAInfo:

Owner: US EPA  
 (206) 553-2100  
 EPA ID: WAD009278847  
 Contact: TIM BRINCEFIELD  
 (206) 553-2100

Classification: Small Quantity Generator  
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 200(1)(D)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 11/10/1992  
 Actual Date Achieved Compliance: 12/10/1992

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 11/10/1992  
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 04/26/1993  
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 09/23/1993  
 Penalty Type: Not reported

Regulation Violated: 200(1)(C)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 11/10/1992  
 Actual Date Achieved Compliance: 12/10/1992

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 11/10/1992  
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 04/26/1993  
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 09/23/1993  
 Penalty Type: Not reported

Regulation Violated: 630(5)(A)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 11/10/1992  
 Actual Date Achieved Compliance: 12/10/1992

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 11/10/1992  
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 04/26/1993  
 Penalty Type: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**ADVANCE ELECTROPLATING (Continued)**

**1000151495**

Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/23/1993
Penalty Type:	Not reported
Regulation Violated:	350
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	11/10/1992
Actual Date Achieved Compliance:	12/10/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/10/1992
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/26/1993
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/23/1993
Penalty Type:	Not reported
Regulation Violated:	210
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	11/10/1992
Actual Date Achieved Compliance:	12/10/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/10/1992
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/26/1993
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/23/1993
Penalty Type:	Not reported
Regulation Violated:	330
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	11/10/1992
Actual Date Achieved Compliance:	12/10/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/10/1992
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/26/1993
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/23/1993
Penalty Type:	Not reported
Regulation Violated:	145
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	11/10/1992
Actual Date Achieved Compliance:	12/10/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/10/1992
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ADVANCE ELECTROPLATING (Continued)**

**1000151495**

Enforcement Action Date: 04/26/1993  
 Penalty Type: Not reported  
 Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 09/23/1993  
 Penalty Type: Not reported

There are 7 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	19921210
	GENERATOR-GENERAL REQUIREMENTS	19921210
	GENERATOR-GENERAL REQUIREMENTS	19921210
	GENERATOR-GENERAL REQUIREMENTS	19921210
	GENERATOR-GENERAL REQUIREMENTS	19921210
	GENERATOR-GENERAL REQUIREMENTS	19921210
	GENERATOR-GENERAL REQUIREMENTS	19921210

**CSCSL:**

Facility ID: 2079  
 warm\_bin\_n: 5  
 Prog plan code: Not reported  
 Latitude: 47.517119999999998  
 Longitude: -122.32334  
 Lat/Long: 47.517119999999998 / -122.32334  
 Lat/Long (dms): 47 31 1.6300000000000001 / 122 19 24.02  
 Media ID: 2616  
 Media Type Desc: Air  
 Media Status Desc: Suspected  
 Affected Media: Air  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported

Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**ADVANCE ELECTROPLATING (Continued)**

**1000151495**

Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 2079  
warm\_bin\_n: 5  
Prog plan code: Not reported  
Latitude: 47.517119999999998  
Longitude: -122.32334  
Lat/Long: 47.517119999999998 / -122.32334  
Lat/Long (dms): 47 31 1.6300000000000001 / 122 19 24.02  
Media ID: 2613  
Media Type Desc: Groundwater  
Media Status Desc: Confirmed  
Affected Media: Ground Water  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Not reported  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Suspected to be present  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: C  
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Suspected to be present  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 2079  
warm\_bin\_n: 5  
Prog plan code: Not reported  
Latitude: 47.517119999999998  
Longitude: -122.32334  
Lat/Long: 47.517119999999998 / -122.32334  
Lat/Long (dms): 47 31 1.6300000000000001 / 122 19 24.02  
Media ID: 2614  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: Soil  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ADVANCE ELECTROPLATING (Continued)**

**1000151495**

Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Suspected to be present  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2079  
 warm\_bin\_n: 5  
 Prog plan code: Not reported  
 Latitude: 47.517119999999998  
 Longitude: -122.32334  
 Lat/Long: 47.517119999999998 / -122.32334  
 Lat/Long (dms): 47 31 1.6300000000000001 / 122 19 24.02  
 Media ID: 2615  
 Media Type Desc: Surface Water  
 Media Status Desc: Suspected  
 Affected Media: Surface Water  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant medals: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ADVANCE ELECTROPLATING (Continued)**

**1000151495**

Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Confirmed above MTCA cleanup levels  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2079  
 warm\_bin\_n: 5  
 Prog plan code: Not reported  
 Latitude: 47.517119999999998  
 Longitude: -122.32334  
 Lat/Long: 47.517119999999998 / -122.32334  
 Lat/Long (dms): 47 31 1.6300000000000001 / 122 19 24.02  
 Media ID: 2617  
 Media Type Desc: Sediment  
 Media Status Desc: Suspected  
 Affected Media: Sediments  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Suspected to be present  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status (independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

TRIS (Toxics Release Inventory System) contains information from

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**ADVANCE ELECTROPLATING (Continued)**

**1000151495**

facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**TARGETED BROWNSFIELDS ASSESSMENTS**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**CERC-NFRAP:**

Site ID: 1000653  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: Referred to Removal - NFRAP

Site Description: Not reported

**CERCLIS-NFRAP Assessment History:**

Action: DISCOVERY  
Date Started: Not reported  
Date Completed: 01/01/1983  
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
Date Started: 04/16/1985  
Date Completed: 05/07/1985  
Priority Level: High

Action: ARCHIVE SITE

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**ADVANCE ELECTROPLATING (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

1000151495

Date Started: Not reported  
Date Completed: 06/30/1986  
Priority Level: Not reported

Action: SITE INSPECTION  
Date Started: 06/05/1986  
Date Completed: 06/30/1986  
Priority Level: Referred to Removal, no further Remedial

Action: NON-NATIONAL PRIORITIES LIST POTENTIALLY RESPONSIBLE PARTY SEARCH  
Date Started: 05/05/1995  
Date Completed: 12/21/1995  
Priority Level: Search Complete, No Viable PRPs

Action: Lodged By DOJ  
Date Started: Not reported  
Date Completed: 02/01/1996  
Priority Level: Not reported

Action: REMOVAL  
Date Started: 06/26/1995  
Date Completed: 04/05/1996  
Priority Level: Cleaned up

Action: CONSENT DECREE  
Date Started: 12/21/1995  
Date Completed: 04/29/1996  
Priority Level: Not reported

**BROWNFIELDS:**

Facility ID: 2079  
Site Stat Code: 2

Facility ID: 2079  
Site Stat Code: 2

Facility ID: 2079  
Site Stat Code: 2

Facility ID: 2079  
Site Stat Code: 2

Facility ID: 2079  
Site Stat Code: 2

**HAZNET:**

Gepaid: WAD009278847  
Contact: T BOYD COLEMAN  
Telephone: 2067622390  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 9585 8TH AVE S  
Mailing City,St,Zip: SEATTLE, WA 981084911  
Gen County: 99  
TSD EPA ID: CAD050806850  
TSD County: Los Angeles

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**ADVANCE ELECTROPLATING (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

Site

1000151495

Waste Category: Not reported  
Disposal Method: Recycler  
Tons: .2750  
Facility County: 99

Gepaid: WAD009278847  
Contact: T BOYD COLEMAN  
Telephone: 2067622390  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 9585 8TH AVE S  
Mailing City,St,Zip: SEATTLE, WA 981084911  
Gen County: 99  
TSD EPA ID: CAD050806850  
TSD County: Los Angeles  
Waste Category: Liquids with pH <UN-> 2  
Disposal Method: Transfer Station  
Tons: 33.7120  
Facility County: 99

Gepaid: WAD009278847  
Contact: T BOYD COLEMAN  
Telephone: 2067622390  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 9585 8TH AVE S  
Mailing City,St,Zip: SEATTLE, WA 981084911  
Gen County: 99  
TSD EPA ID: CAD050806850  
TSD County: Los Angeles  
Waste Category: Not reported  
Disposal Method: Transfer Station  
Tons: .1420  
Facility County: 99

Gepaid: WAD009278847  
Contact: T BOYD COLEMAN  
Telephone: 2067622390  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 9585 8TH AVE S  
Mailing City,St,Zip: SEATTLE, WA 981084911  
Gen County: 99  
TSD EPA ID: CAT000646117  
TSD County: Kings  
Waste Category: Liquids with cyanides > 1000 mg/l  
Disposal Method: Disposal, Other  
Tons: 16.8560  
Facility County: 99

Gepaid: WAD009278847  
Contact: T BOYD COLEMAN  
Telephone: 2067622390  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 9585 8TH AVE S  
Mailing City,St,Zip: SEATTLE, WA 981084911

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ADVANCE ELECTROPLATING (Continued)**

**1000151495**

Gen County: 99  
 TSD EPA ID: CAT080033681  
 TSD County: Los Angeles  
 Waste Category: Liquids with cyanides > 1000 mg/l  
 Disposal Method: Recycler  
 Tons: 1.8000  
 Facility County: 99

[Click this hyperlink](#) while viewing on your computer to access  
 10 additional CA\_HAZNET: record(s) in the EDR Site Report.

**78**  
**SE**  
**1/2-1**  
**4931 ft.**

**ASSOCIATED GROCERS INCORPORATED**  
**3301 SOUTH NORFOLK**  
**SEATTLE, WA 98118**

**RCRA-SQG 1004613325**  
**CSCSL WAD007942535**  
**FINDS**  
**VCP**  
**WA MANIFEST**

**Relative:**  
**Higher**

RCRAInfo:  
 Owner: ASSOCIATED GROCERS KENT  
 EPA ID: WAD007942535  
 Contact: Not reported  
 Classification: Conditionally Exempt Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

**Actual:**  
**16 ft.**

CSCSL:  
 Facility ID: 73338176  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.512340999999999  
 Longitude: -122.29170499999999  
 Lat/Long: 47.512340999999999 / -122.29170499999999  
 Lat/Long (dms): 47 30 44.420000000000002 / 122 17 30.129999999999999  
 Media ID: 8557  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ASSOCIATED GROCERS INCORPORATED (Continued)**

**1004613325**

Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 73338176  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.512340999999999  
 Longitude: -122.29170499999999  
 Lat/Long: 47.512340999999999 / -122.29170499999999  
 Lat/Long (dms): 47 30 44.420000000000002 / 122 17 30.129999999999999  
 Media ID: 8556  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: Ground Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**ASSOCIATED GROCERS INCORPORATED (Continued)**

**1004613325**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

VCP:

Facility ID: 73338176  
Ecology Status: Independent Remedial Action  
WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4

Facility ID: 73338176  
Ecology Status: Independent Remedial Action  
WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4

WA MANIFEST:

Facility Site ID Number: 73338176  
Permit by Rule: No  
Treatment by Generator: No  
Mixed radioactive waste: No  
Importer of hazardous waste: No  
Immediate recycler: No  
Treatment/Storage/Disposal/Recycling Facility: No  
Generator of dangerous fuel waste: No  
Generator marketing to burner: No  
"Other marketers (i.e., blender, distributor, etc.)": No

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

ASSOCIATED GROCERS INCORPORATED (Continued)

1004613325

Utility boiler burner: No  
Industry boiler burner: No  
Industrial Furnace: No  
Smelter defferal: No  
Universal waste - batteries - generate: No  
Universal waste - thermostats - generate: No  
Universal waste - mercury - generate: No  
Universal waste - lamps - generate: No  
Universal waste - batteries - accumulate: No  
Universal waste - thermostats - accumulate: No  
Universal waste - mercury - accumulate: No  
Universal waste - lamps - accumulate: No  
Destination Facility for Universal Waste: No  
Off-specification used oil burner - utility boiler: No  
Off-specification used oil burner - industrial boiler: No  
Off-specification used oil burner - industrial furnace: No  
EPA ID: WAD007942535  
Facility Address 2: Not reported  
TAX REG NBR: 178007798  
NAICS CD: 42441  
BUSINESS TYPE: Not reported  
MAIL NAME: Associated Grocers Inc  
MAIL ADDR LINE1: PO BOX 3763  
MAIL CITY,ST,ZIP: SEATTLE, WA 98124-2263  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: Associated Grocers Inc  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: PO BOX 3763  
LEGAL CITY,ST,ZIP: SEATTLE, WA 98124-2263  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: (206)764-7802  
LEGAL EFFECTIVE DATE: 9/1/2002  
LAND ORG NAME: Associated Grocers Inc  
LAND ORG TYPE: Private  
LAND PERSON NAME: Not reported  
LAND ADDR LINE1: PO BOX 3763  
LAND CITY,ST,ZIP: SEATTLE, WA 98124-2263  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (206)764-7802  
OPERATOR ORG NAME: ASSOCIATED GROCERS  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: PO BOX 3763  
OPERATOR CITY,ST,ZIP: SEATTLE, WA 98124-2263  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: (206)764-7802  
OPERATOR EFFECTIVE DATE: 1/1/1997  
SITE CONTACT NAME: Richard W Newton II  
SITE CONTACT ADDR LINE1: PO BOX 3763  
SITE CONTACT ZIP: SEATTLE, WA 98124-2263  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: (206)764-7802  
SITE CONTACT EMAIL: Not reported  
FORM CONTACT NAME: Richard W Newton II  
FORM CONTACT ADDR LINE1: PO BOX 3763  
FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98124-2263  
FORM CONTACT COUNTRY: UNITED STATES  
FORM CONTACT PHONE NBR: (206)764-7802

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

ASSOCIATED GROCERS INCORPORATED (Continued)

1004613325

FORM CONTACT EMAIL: richard\_newton@agsea.com  
GEN STATUS CD: SQG  
MONTHLY GENERATION: No  
BATCH GENERATION: Yes  
ONE TIME GENERATION: No  
TRANSPORTS OWN WASTE: No  
TRANSPORTS OTHRS WASTE: No  
RECYCLER ONSITE: No  
TRANSFER FACILITY: No  
OTHER EXEMPTION: Not reported  
UW BATTERY GEN: No  
USED OIL TRANSPORTER: No  
USED OIL TRANSFER FACILITY: No  
USED OIL PROCESSOR: No  
USED OIL REREFINER: No  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: No  
USED OIL FUEL MRKTR MEETS SPECS: No

Facility Site ID Number: 73338176  
Permit by Rule: FALSE  
Treatment by Generator: FALSE  
Mixed radioactive waste: FALSE  
Importer of hazardous waste: FALSE  
Immediate recycler: FALSE  
Treatment/Storage/Disposal/Recycling Facility: FALSE  
Generator of dangerous fuel waste: FALSE  
Generator marketing to burner: FALSE  
"Other marketers (i.e., blender, distributor, etc.)": FALSE  
Utility boiler burner: FALSE  
Industry boiler burner: FALSE  
Industrial Furnace: FALSE  
Smelter defferal: FALSE  
Universal waste - batteries - generate: FALSE  
Universal waste - thermostats - generate: FALSE  
Universal waste - mercury - generate: FALSE  
Universal waste - lamps - generate: FALSE  
Universal waste - batteries - accumulate: FALSE  
Universal waste - thermostats - accumulate: FALSE  
Universal waste - mercury - accumulate: FALSE  
Universal waste - lamps - accumulate: FALSE  
Destination Facility for Universal Waste: FALSE  
Off-specification used oil burner - utility boiler: FALSE  
Off-specification used oil burner - industrial boiler: FALSE  
Off-specification used oil burner - industrial furnace: FALSE  
EPA ID: WAD007942535  
Facility Address 2: Not reported  
TAX REG NBR: 178007798  
NAICS CD: 42441  
BUSINESS TYPE: Not reported  
MAIL NAME: Associated Grocers Inc  
MAIL ADDR LINE1: PO BOX 3763  
MAIL CITY,ST,ZIP: SEATTLE, WA 98124-2263  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: Associated Grocers Inc  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: PO BOX 3763  
LEGAL CITY,ST,ZIP: SEATTLE, WA 98124-2263

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ASSOCIATED GROCERS INCORPORATED (Continued)**

**1004613325**

LEGAL COUNTRY: UNITED STATES  
 LEGAL PHONE NBR: (206)764-7802  
 LEGAL EFFECTIVE DATE: 9/1/2002  
 LAND ORG NAME: Associated Grocers Inc  
 LAND ORG TYPE: Private  
 LAND PERSON NAME: Not reported  
 LAND ADDR LINE1: PO BOX 3763  
 LAND CITY,ST,ZIP: SEATTLE, WA 98124-2263  
 LAND COUNTRY: UNITED STATES  
 LAND PHONE NBR: (206)764-7802  
 OPERATOR ORG NAME: ASSOCIATED GROCERS  
 OPERATOR ORG TYPE: Private  
 OPERATOR ADDR LINE1: PO BOX 3763  
 OPERATOR CITY,ST,ZIP: SEATTLE, WA 98124-2263  
 OPERATOR COUNTRY: UNITED STATES  
 OPERATOR PHONE NBR: (206)764-7802  
 OPERATOR EFFECTIVE DATE: 1/1/1997  
 SITE CONTACT NAME: Charles E Lindsley  
 SITE CONTACT ADDR LINE1: PO BOX 3763  
 SITE CONTACT ZIP: SEATTLE, WA 98124-2263  
 SITE CONTACT COUNTRY: UNITED STATES  
 SITE CONTACT PHONE NBR: (206)764-7802  
 SITE CONTACT EMAIL: Not reported  
 FORM CONTACT NAME: Charles E Lindsley  
 FORM CONTACT ADDR LINE1: PO BOX 3763  
 FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98124-2263  
 FORM CONTACT COUNTRY: UNITED STATES  
 FORM CONTACT PHONE NBR: (206)764-7802  
 FORM CONTACT EMAIL: richard\_newton@agsea.com  
 GEN STATUS CD: SQG  
 MONTHLY GENERATION: FALSE  
 BATCH GENERATION: TRUE  
 ONE TIME GENERATION: FALSE  
 TRANSPORTS OWN WASTE: FALSE  
 TRANSPORTS OTHRS WASTE: FALSE  
 RECYCLER ONSITE: FALSE  
 TRANSFER FACILITY: FALSE  
 OTHER EXEMPTION: Not reported  
 UW BATTERY GEN: FALSE  
 USED OIL TRANSPORTER: FALSE  
 USED OIL TRANSFER FACILITY: FALSE  
 USED OIL PROCESSOR: FALSE  
 USED OIL REREFINER: FALSE  
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE  
 USED OIL FUEL MRKTR MEETS SPECS: FALSE

79  
 WNW  
 1/2-1  
 5001 ft.

**MANITOWAK WESTERN**  
**8250 5TH AVE S**  
**SEATTLE, WA 98108**

**RCRA-SQG 1001092048**  
**CSCSL WAR000006940**  
**FINDS**  
**ICR**

Relative:  
 Higher

Actual:  
 20 ft.

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**MANITOWAK WESTERN (Continued)**

**1001092048**

RCRAInfo:

Owner: MANITOWAK WESTERN  
 (206) 762-9010  
 EPA ID: WAR000006940  
 Contact: Not reported  
 Classification: Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

CSCSL:

Facility ID: 2430  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.528779999999998  
 Longitude: -122.32803  
 Lat/Long: 47.528779999999998 / -122.32803  
 Lat/Long (dms): 47 31 43.609999999999999 / 122 19 40.910000000000004  
 Media ID: 3541  
 Media Type Desc: Groundwater  
 Media Status Desc: Suspected  
 Affected Media: Ground Water  
 Affected 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  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2430  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**MANITOWAK WESTERN (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1001092048**

Latitude: 47.528779999999998  
 Longitude: -122.32803  
 Lat/Long: 47.528779999999998 / -122.32803  
 Lat/Long (dms): 47 31 43.609999999999999 / 122 19 40.910000000000004  
 Media ID: 3542  
 Media Type Desc: Soil  
 Media Status Desc: Suspected  
 Affected Media: Soil  
 Affected 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  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**MANITOWAK WESTERN (Continued)**

EDR ID Number  
 EPA ID Number

**1001092048**

ICR:

Date Ecology Received Report: 12/08/1995  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Soil  
 Waste Management: Not reported  
 Region: North Western  
 Type of Report Ecology Received: Final cleanup report  
 Site Register Issue: 94-22  
 County Code: 17.00000  
 Contact: Not reported  
 Report Title: Not reported

**80  
 NW  
 1/2-1  
 5187 ft.**

**CROWLEY MARINE SERVICES INC 8TH AVE  
 7400 8TH AVE S  
 SEATTLE, WA 98108**

**RCRA-SQG 1001233933  
 CSCSL WAD988470647  
 FINDS  
 WA MANIFEST**

**Relative:  
 Lower**

RCRAInfo:

Owner: 8TH AVE TERMINAL CO  
 (206)443-8100

**Actual:  
 7 ft.**

EPA ID: WAD988470647

Contact: Not reported

Classification: Small Quantity Generator

TSDF Activities: Not reported

Violation Status: No violations found

CSCSL:

Facility ID: 63123962  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.537638999999999  
 Longitude: -122.321338999999999  
 Lat/Long: 47.537638999999999 / -122.321338999999999  
 Lat/Long (dms): 47 32 15.5003999999951 / 122 19 16.820399999980999  
 Media ID: 13282  
 Media Type Desc: Sediment  
 Media Status Desc: Confirmed  
 Affected Media: Sediments  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**CROWLEY MARINE SERVICES INC 8TH AVE (Continued)**

**1001233933**

Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels  
Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 63123962  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 47.537638999999999  
Longitude: -122.321338999999999  
Lat/Long: 47.537638999999999 / -122.321338999999999  
Lat/Long (dms): 47 32 15.5003999999951 / 122 19 16.8203999999980999  
Media ID: 13281  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: Soil  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Suspected to be present  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: C  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported

Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels  
Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 63123962  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 47.537638999999999  
Longitude: -122.321338999999999



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**CROWLEY MARINE SERVICES INC 8TH AVE (Continued)**

**1001233933**

Lat/Long:	47.53763899999999 / -122.32133899999999	
Lat/Long (dms):	47 32 15.5003999999951 / 122 19 16.820399999980999	
Media ID:	13280	
Media Type Desc:	Groundwater	
Media Status Desc:	Confirmed	
Affected Media:	Ground Water	
Affected Media Status:	C	
Pesticides:	Not reported	
Petroleum Products:	Not reported	
Phenolic Compounds:	Suspected to be present	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	C	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:	Not reported	
Base/Neutral/Acid Organics:	Confirmed above MTCA cleanup levels	
Halogenated Organic Compounds:	Not reported	
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels	
Metals - Other non-priority pollutant medals:	Not reported	
Polychlorinated biPhenyls (PCBs):	Suspected to be present	
Polynuclear Aromatic Hydrocarbons (PAH):	Confirmed above MTCA cleanup levels	
Conventional Contaminants, Organic:	Not reported	
Conventional Contaminants, Inorganic:	Not reported	
Tibutyl Tin Contaminant Group:	Not reported	
Bioassay/Benthic Failures Contaminant Group:	Not reported	
Wood Debris Contaminant Group:	Not reported	
Other Deleterious Substance Group:	Not reported	
Ecology Site Status (MTCA cleanup process):	Awaiting Site Hazard Assessment (SHA)	
Independent Site Status (independent cleanup):	Not reported	

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**WA MANIFEST:**

Facility Site ID Number: 63123962

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**CROWLEY MARINE SERVICES INC 8TH AVE (Continued)**

**1001233933**

Permit by Rule: FALSE  
Treatment by Generator: FALSE  
Mixed radioactive waste: FALSE  
Importer of hazardous waste: FALSE  
Immediate recycler: FALSE  
Treatment/Storage/Disposal/Recycling Facility: FALSE  
Generator of dangerous fuel waste: FALSE  
Generator marketing to burner: FALSE  
"Other marketers (i.e., blender, distributor, etc.)": FALSE  
Utility boiler burner: FALSE  
Industry boiler burner: FALSE  
Industrial Furnace: FALSE  
Smelter deferral: FALSE  
Universal waste - batteries - generate: FALSE  
Universal waste - thermostats - generate: FALSE  
Universal waste - mercury - generate: FALSE  
Universal waste - lamps - generate: FALSE  
Universal waste - batteries - accumulate: FALSE  
Universal waste - thermostats - accumulate: FALSE  
Universal waste - mercury - accumulate: FALSE  
Universal waste - lamps - accumulate: FALSE  
Destination Facility for Universal Waste: FALSE  
Off-specification used oil burner - utility boiler: FALSE  
Off-specification used oil burner - industrial boiler: FALSE  
Off-specification used oil burner - industrial furnace: FALSE  
EPA ID: WAD988470647  
Facility Address 2: Not reported  
TAX REG NBR: 113677396  
NAICS CD: 483113  
BUSINESS TYPE: Barge Company  
MAIL NAME: Alaska Logistics LLC  
MAIL ADDR LINE1: PO Box 3512  
MAIL CITY,ST,ZIP: Seattle, WA 98124  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: Not reported  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: PO Box 3512  
LEGAL CITY,ST,ZIP: Seattle, WA 98124  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: (206)767-2555  
LEGAL EFFECTIVE DATE: 2/1/2003  
LAND ORG NAME: Crowles Marine Services  
LAND ORG TYPE: Private  
LAND PERSON NAME: Not reported  
LAND ADDR LINE1: PO Box 2287  
LAND CITY,ST,ZIP: Seattle, WA 98111  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (206)332-8000  
OPERATOR ORG NAME: Alaska Logistics LLC  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: PO Box 3512  
OPERATOR CITY,ST,ZIP: Seattle, WA 98124  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: (206)767-2555  
OPERATOR EFFECTIVE DATE: 2/1/2003  
SITE CONTACT NAME: Randy Olson & Dolores Haasl-DuBois  
SITE CONTACT ADDR LINE1: PO Box 3512

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**CROWLEY MARINE SERVICES INC 8TH AVE (Continued)**

**1001233933**

SITE CONTACT ZIP:            Seattle, WA 98124  
SITE CONTACT COUNTRY:    UNITED STATES  
SITE CONTACT PHONE NBR:   (206)767-2555  
SITE CONTACT EMAIL:       dolores@alaska-logistics.com  
FORM CONTACT NAME:        Dolores Haas-DuBois & Randy Olson  
FORM CONTACT ADDR LINE1: PO Box 3512  
FORM CONTACT CITY,ST,ZIP: Seattle, WA 98124  
FORM CONTACT COUNTRY:    UNITED STATES  
FORM CONTACT PHONE NBR:   (206)767-2555  
FORM CONTACT EMAIL:       dolores@alaska-logistics.com  
GEN STATUS CD:              XQG  
MONTHLY GENERATION:       FALSE  
BATCH GENERATION:         FALSE  
ONE TIME GENERATION:      FALSE  
TRANSPORTS OWN WASTE:    FALSE  
TRANSPORTS OTHRS WASTE: TRUE  
RECYCLER ONSITE:          FALSE  
TRANSFER FACILITY:         FALSE  
OTHER EXEMPTION:          Not reported  
UW BATTERY GEN:            FALSE  
USED OIL TRANSPORTER:     FALSE  
USED OIL TRANSFER FACLTY: FALSE  
USED OIL PROCESSOR:       FALSE  
USED OIL REREFINER:        FALSE  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE  
USED OIL FUEL MRKTR MEETS SPECS: FALSE

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
KING COUNTY	S105806018	FACTORIA PIT (SUNSET RAVINE PARK)	NORTHWEST OF 135TH AVE S.E. AN		SWF/LF
TUKWILA	U003026228	8801 E MARGINAL WAY S	8801 E MARGINAL WAY S	98108	UST
KING COUNTY	S105806023	MCMICKEN HEIGHTS	BETWEEN THE S. 175TH ST. DEAD-		SWF/LF
KING COUNTY	S105806029	RENTON JUNCTION (MONSTER ROAD)	BETWEEN MONSTER ROAD AND THE G		SWF/LF
KING COUNTY	S105806034	BOW LAKE ABANDONED LANDFILL	IMMEDIATELY EAST OF I-5, ACROS		SWF/LF
KING COUNTY	S105806035	CORLISS ABANDONED LANDFILL	IMMEDIATELY WEST OF I-5 BETWEE		SWF/LF
KING COUNTY	S105806037	PUYALLUP/KIT CORNER ABANDONED LAND	IMMEDIATELY EAST OF I-5 JUST S		SWF/LF
KING COUNTY	S108107942	WASTE MOBILE COLLECTIONS	MOVES LOCATIONS (SEE COMMENT F		SWF/LF
KING COUNTY	S105806011	AUBURN (M & R STREET SITE)	NORTHWEST OF R STREET AND 25TH		SWF/LF
KING COUNTY	S105806012	AUBURN (ROTARY PARK SITE)	NORTHWEST OF 27TH STREET S.E.		SWF/LF
KING COUNTY	S105806013	BOW LAKE	NORTHEAST OF S. 188TH ST. AND		SWF/LF
KING COUNTY	S105806014	CARTON & BORTH	NORTHWEST OF 71ST AVE. N.E. AN		SWF/LF
KING COUNTY	S105806015	CORLISS LANDFILL	NORTHEAST OF CORLISS AVE. N. A		SWF/LF
KING COUNTY	S105806016	EASTGATE ABANDONED LANDFILL	NORTHEAST OF 156TH AVE. S.E. A		SWF/LF
KING COUNTY	S105806017	ENUMCLAW	SOUTHEAST OF 284TH AVE. S.E. A		SWF/LF
KING COUNTY	S105806020	H.H. OLESON	NORTHEAST OF N.E. 172ND ST. AN		SWF/LF
KING COUNTY	S105806021	HOUGHTON	NORTHWEST OF N.E. 60TH ST. AND		SWF/LF
KING COUNTY	S105806022	KENT ABANDONED LANDFILL (MILL CREE	NORTHEAST OF MAPLE ST. AND TIL		SWF/LF
KING COUNTY	S105806024	NORTH BEND	WEST OF THE MIDDLE FORK ROAD,		SWF/LF
KING COUNTY	S105806025	PACIFIC CITY	SOUTH OF 3RD AVE. S.E. AT THE		SWF/LF

## EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D003	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
D004	ARSENIC
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D010	SELENIUM
D011	SILVER
D018	BENZENE
D028	1,2-DICHLOROETHANE
D035	METHYL ETHYL KETONE
D043	VINYL CHLORIDE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND

## EPA Waste Codes Addendum

Code	Description
	STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F006	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
K061	EMISSION CONTROL DUST/SLUDGE FROM THE PRIMARY PRODUCTION OF STEEL IN ELECTRIC FURNACES.
P106	SODIUM CYANIDE
P106	SODIUM CYANIDE NA(CN)
U108	1,4-DIETHYLENEOXIDE
U108	1,4-DIOXANE
U228	ETHENE, TRICHLORO-
U228	TRICHLOROETHYLENE

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## **FEDERAL RECORDS**

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

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

Date of Government Version: 07/18/2007	Source: EPA
Date Data Arrived at EDR: 08/03/2007	Telephone: N/A
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 07/31/2007
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/29/2007
	Data Release Frequency: Quarterly

### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 08/09/2007	Source: EPA
Date Data Arrived at EDR: 09/05/2007	Telephone: N/A
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 08/31/2007
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/29/2007
	Data Release Frequency: Quarterly

### **DELISTED NPL: National Priority List Deletions**

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

Date of Government Version: 08/27/2007	Source: EPA
Date Data Arrived at EDR: 08/29/2007	Telephone: N/A
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 08/29/2007
Number of Days to Update: 43	Next Scheduled EDR Contact: 10/29/2007
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **NPL LIENS:** Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 11/15/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 04/23/2007	Source: EPA
Date Data Arrived at EDR: 06/20/2007	Telephone: 703-412-9810
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 12/06/2007
Number of Days to Update: 70	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: Quarterly

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

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/21/2007	Source: EPA
Date Data Arrived at EDR: 07/23/2007	Telephone: 703-412-9810
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 12/06/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: Quarterly

## **CORRACTS:** Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/26/2007	Source: EPA
Date Data Arrived at EDR: 08/08/2007	Telephone: 800-424-9346
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 12/03/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/03/2008
	Data Release Frequency: Quarterly

## **RCRA:** Resource Conservation and Recovery Act Information



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database 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 per month. Transporters are individuals or entities that move 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.

Date of Government Version: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: (206) 553-1200
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 10/16/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Quarterly

## **ERNS:** Emergency Response Notification System

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

Date of Government Version: 12/31/2006	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/24/2007	Telephone: 202-267-2180
Date Made Active in Reports: 03/12/2007	Last EDR Contact: 10/19/2007
Number of Days to Update: 47	Next Scheduled EDR Contact: 01/21/2008
	Data Release Frequency: Annually

## **HMIRS:** Hazardous Materials Information Reporting System

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

Date of Government Version: 07/02/2007	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 07/18/2007	Telephone: 202-366-4555
Date Made Active in Reports: 09/18/2007	Last EDR Contact: 10/16/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Annually

## **US ENG CONTROLS:** Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/16/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/03/2007	Telephone: 703-603-8905
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/16/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Varies

## **US INST CONTROL:** Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/16/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/03/2007	Telephone: 703-603-8905
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/16/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **DOD:** Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/09/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 02/04/2008
	Data Release Frequency: Semi-Annually

## **FUDS:** Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2006	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/31/2007	Telephone: 202-528-4285
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 10/01/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Varies

## **US BROWNFIELDS:** A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients--States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/20/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/09/2007	Telephone: 202-566-2777
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 12/13/2007
Number of Days to Update: 51	Next Scheduled EDR Contact: 03/10/2008
	Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 04/13/2007	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 07/16/2007	Telephone: Varies
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 09/21/2007
Number of Days to Update: 44	Next Scheduled EDR Contact: 01/21/2008
	Data Release Frequency: Varies

## **ROD:** Records Of Decision

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

Date of Government Version: 06/08/2007	Source: EPA
Date Data Arrived at EDR: 07/03/2007	Telephone: 703-416-0223
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 11/08/2007
Number of Days to Update: 57	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **UMTRA:** Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/08/2006	Telephone: 505-845-0011
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: Varies

## **ODI:** Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 12/31/2005	Source: EPA
Date Data Arrived at EDR: 04/27/2007	Telephone: 202-566-0250
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 12/18/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: Annually

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

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

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 11/14/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Every 4 Years

## **FTTS:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

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). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/06/2007	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 07/20/2007	Telephone: 202-566-1667
Date Made Active in Reports: 09/18/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 60	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: Quarterly

## **FTTS INSP:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 07/06/2007	Source: EPA
Date Data Arrived at EDR: 07/20/2007	Telephone: 202-566-1667
Date Made Active in Reports: 09/18/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 60	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **SSTS:** Section 7 Tracking Systems

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.

Date of Government Version: 12/31/2005	Source: EPA
Date Data Arrived at EDR: 03/13/2007	Telephone: 202-564-4203
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 10/15/2007
Number of Days to Update: 45	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Annually

## **HIST FTTS:** FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## **DOT OPS:** Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 08/14/2007	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/29/2007	Telephone: 202-366-4595
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/29/2007
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/25/2008
	Data Release Frequency: Varies

## **DEBRIS REGION 9:** Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 07/25/2007	Source: EPA, Region 9
Date Data Arrived at EDR: 07/31/2007	Telephone: 415-972-3336
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 09/24/2007
Number of Days to Update: 72	Next Scheduled EDR Contact: 12/24/2007
	Data Release Frequency: Varies

## **ICIS:** Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/27/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/13/2007	Telephone: 202-564-5088
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 10/15/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Quarterly

## **CDL:** Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/01/2006  
Date Data Arrived at EDR: 01/08/2007  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 3

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 10/02/2007  
Next Scheduled EDR Contact: 12/24/2007  
Data Release Frequency: Quarterly

## **LUCIS:** Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005  
Date Data Arrived at EDR: 12/11/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 31

Source: Department of the Navy  
Telephone: 843-820-7326  
Last EDR Contact: 12/10/2007  
Next Scheduled EDR Contact: 03/10/2008  
Data Release Frequency: Varies

## **LIENS 2:** CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 03/08/2007  
Date Data Arrived at EDR: 04/12/2007  
Date Made Active in Reports: 05/14/2007  
Number of Days to Update: 32

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 11/15/2007  
Next Scheduled EDR Contact: 02/18/2008  
Data Release Frequency: Varies

## **RADINFO:** Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/31/2007  
Date Data Arrived at EDR: 08/01/2007  
Date Made Active in Reports: 08/29/2007  
Number of Days to Update: 28

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 10/31/2007  
Next Scheduled EDR Contact: 01/28/2008  
Data Release Frequency: Quarterly

## **PADS:** PCB Activity Database System

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

Date of Government Version: 04/12/2007  
Date Data Arrived at EDR: 06/08/2007  
Date Made Active in Reports: 08/29/2007  
Number of Days to Update: 82

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 08/09/2007  
Next Scheduled EDR Contact: 11/05/2007  
Data Release Frequency: Annually

## **MLTS:** Material Licensing Tracking System

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

Date of Government Version: 07/09/2007  
Date Data Arrived at EDR: 07/24/2007  
Date Made Active in Reports: 09/18/2007  
Number of Days to Update: 56

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 10/01/2007  
Next Scheduled EDR Contact: 12/31/2007  
Data Release Frequency: Quarterly

## **MINES:** Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/09/2007  
Date Data Arrived at EDR: 06/28/2007  
Date Made Active in Reports: 08/29/2007  
Number of Days to Update: 62

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 09/26/2007  
Next Scheduled EDR Contact: 12/24/2007  
Data Release Frequency: Semi-Annually

**FINDS:** Facility Index System/Facility Registry System

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

Date of Government Version: 07/19/2007  
Date Data Arrived at EDR: 07/25/2007  
Date Made Active in Reports: 09/18/2007  
Number of Days to Update: 55

Source: EPA  
Telephone: (206) 553-1200  
Last EDR Contact: 10/01/2007  
Next Scheduled EDR Contact: 12/31/2007  
Data Release Frequency: Quarterly

**RAATS:** RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 12/03/2007  
Next Scheduled EDR Contact: 03/03/2008  
Data Release Frequency: No Update Planned

**BRS:** Biennial Reporting System

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

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 03/06/2007  
Date Made Active in Reports: 04/13/2007  
Number of Days to Update: 38

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 12/13/2007  
Next Scheduled EDR Contact: 03/10/2008  
Data Release Frequency: Biennially

**PWS:** Public Water System Data

This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

Date of Government Version: 02/24/2000  
Date Data Arrived at EDR: 04/27/2005  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: EPA  
Telephone: N/A  
Last EDR Contact: 11/15/2007  
Next Scheduled EDR Contact: 02/18/2008  
Data Release Frequency: N/A

**USGS WATER WELLS:** National Water Information System (NWIS)

This database consists of well records in the United States. Available site descriptive information includes well location information (latitude and longitude, well depth, site use, water use, and aquifer).

Date of Government Version: 03/25/2005  
Date Data Arrived at EDR: 03/25/2005  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: USGS  
Telephone: N/A  
Last EDR Contact: 03/25/2005  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: N/A

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STATE AND LOCAL RECORDS

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

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

Date of Government Version: 08/09/2007	Source: Department of Ecology
Date Data Arrived at EDR: 08/15/2007	Telephone: 360-407-7200
Date Made Active in Reports: 09/27/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/11/2008
	Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 08/28/2007	Source: Department of Ecology
Date Data Arrived at EDR: 10/09/2007	Telephone: 360-407-7200
Date Made Active in Reports: 10/30/2007	Last EDR Contact: 12/04/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/03/2008
	Data Release Frequency: Semi-Annually

### **CSCSL NFA:** Confirmed & Contaminated Sites - No Further Action

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.

Date of Government Version: 09/10/2007	Source: Department of Ecology
Date Data Arrived at EDR: 09/12/2007	Telephone: 360-407-7170
Date Made Active in Reports: 09/27/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/11/2008
	Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 10/12/2007	Source: Department of Ecology
Date Data Arrived at EDR: 10/12/2007	Telephone: 360-407-6132
Date Made Active in Reports: 10/30/2007	Last EDR Contact: 10/02/2007
Number of Days to Update: 18	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Annually

### **SWTIRE:** Solid Waste Tire Facilities

This study identified sites statewide with unauthorized accumulations of scrap tires.

Date of Government Version: 11/01/2005	Source: Department of Ecology
Date Data Arrived at EDR: 03/16/2006	Telephone: N/A
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 10/05/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Varies

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/12/2007  
Date Made Active in Reports: 09/27/2007  
Number of Days to Update: 15

Source: Department of Ecology  
Telephone: 360-407-7183  
Last EDR Contact: 12/14/2007  
Next Scheduled EDR Contact: 03/10/2008  
Data Release Frequency: Quarterly

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

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

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/12/2007  
Date Made Active in Reports: 09/24/2007  
Number of Days to Update: 12

Source: Department of Ecology  
Telephone: 360-407-7183  
Last EDR Contact: 12/14/2007  
Next Scheduled EDR Contact: 03/10/2008  
Data Release Frequency: Quarterly

## **AST:** Aboveground Storage Tank Locations

A listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program.

Date of Government Version: 08/27/2007  
Date Data Arrived at EDR: 08/28/2007  
Date Made Active in Reports: 09/24/2007  
Number of Days to Update: 27

Source: Department of Ecology  
Telephone: 360-407-7562  
Last EDR Contact: 12/10/2007  
Next Scheduled EDR Contact: 02/25/2008  
Data Release Frequency: Varies

## **WA MANIFEST:** Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 12/31/2006  
Date Data Arrived at EDR: 05/24/2007  
Date Made Active in Reports: 06/19/2007  
Number of Days to Update: 26

Source: Department of Ecology  
Telephone: N/A  
Last EDR Contact: 11/13/2007  
Next Scheduled EDR Contact: 02/11/2008  
Data Release Frequency: Annually

## **SPILLS:** Reported Spills

Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 10/05/2007  
Date Data Arrived at EDR: 10/09/2007  
Date Made Active in Reports: 10/30/2007  
Number of Days to Update: 21

Source: Department of Ecology  
Telephone: 360-407-6950  
Last EDR Contact: 10/01/2007  
Next Scheduled EDR Contact: 12/31/2007  
Data Release Frequency: Semi-Annually

## **INST CONTROL:** Institutional Control Site List

Sites that have institutional controls.

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/11/2007  
Date Made Active in Reports: 09/27/2007  
Number of Days to Update: 16

Source: Department of Ecology  
Telephone: 360-407-7170  
Last EDR Contact: 12/03/2007  
Next Scheduled EDR Contact: 03/03/2008  
Data Release Frequency: Varies

## **VCP:** Voluntary Cleanup Program Sites

Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/12/2007  
Date Made Active in Reports: 09/27/2007  
Number of Days to Update: 15

Source: Department of Ecology  
Telephone: 360-407-7200  
Last EDR Contact: 11/15/2007  
Next Scheduled EDR Contact: 02/11/2008  
Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **ICR:** Independent Cleanup Reports

These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree. This database is no longer updated by the Department of Ecology.

Date of Government Version: 12/01/2002	Source: Department of Ecology
Date Data Arrived at EDR: 01/03/2003	Telephone: 360-407-7200
Date Made Active in Reports: 01/22/2003	Last EDR Contact: 11/13/2007
Number of Days to Update: 19	Next Scheduled EDR Contact: 02/11/2008
	Data Release Frequency: No Update Planned

## **DRYCLEANERS:** Drycleaner List

A listing of registered drycleaners who registered with the Department of Ecology (using the SIC code of 7215 and 7216) as hazardous waste generators.

Date of Government Version: 12/31/2006	Source: Department of Ecology
Date Data Arrived at EDR: 05/24/2007	Telephone: 360-407-6732
Date Made Active in Reports: 06/19/2007	Last EDR Contact: 11/13/2007
Number of Days to Update: 26	Next Scheduled EDR Contact: 02/11/2008
	Data Release Frequency: Varies

## **BROWNFIELDS:** Brownfields Sites Listing

A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

Date of Government Version: 08/09/2007	Source: Department of Ecology
Date Data Arrived at EDR: 08/15/2007	Telephone: 360-725-4030
Date Made Active in Reports: 09/27/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/11/2008
	Data Release Frequency: Varies

## **CDL:** Clandestine Drug Lab Contaminated Site List

Illegal methamphetamine labs use hazardous chemicals that create public health hazards. Chemicals and residues can cause burns, respiratory and neurological damage, and death. Biological hazards associated with intravenous needles, feces, and blood also pose health risks.

Date of Government Version: 08/01/2007	Source: Department of Health
Date Data Arrived at EDR: 09/19/2007	Telephone: 360-236-3380
Date Made Active in Reports: 10/30/2007	Last EDR Contact: 12/06/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 03/03/2008
	Data Release Frequency: Varies

## **NPDES:** Water Quality Permit System Data

A listing of permitted wastewater facilities.

Date of Government Version: 08/17/2007	Source: Department of Ecology
Date Data Arrived at EDR: 08/17/2007	Telephone: 360-407-6073
Date Made Active in Reports: 09/27/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/11/2008
	Data Release Frequency: Quarterly

## **AIRS (EMI):** Washington Emissions Data System Emissions inventory data.

Date of Government Version: 12/31/2005	Source: Department of Ecology
Date Data Arrived at EDR: 01/17/2007	Telephone: 360-407-6040
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 10/15/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **INACTIVE DRYCLEANERS:** Inactive Drycleaners

A listing of inactive drycleaner facility locations.

Date of Government Version: 12/31/2006	Source: Department of Ecology
Date Data Arrived at EDR: 05/24/2007	Telephone: 360-407-6732
Date Made Active in Reports: 06/19/2007	Last EDR Contact: 11/13/2007
Number of Days to Update: 26	Next Scheduled EDR Contact: 02/11/2008
	Data Release Frequency: Annually

## **TRIBAL RECORDS**

### **INDIAN RESERV:** Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/09/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/04/2008
	Data Release Frequency: Semi-Annually

### **INDIAN LUST R6:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005	Source: EPA Region 6
Date Data Arrived at EDR: 01/21/2005	Telephone: 214-665-6597
Date Made Active in Reports: 02/28/2005	Last EDR Contact: 11/15/2007
Number of Days to Update: 38	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

### **INDIAN LUST R8:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2007	Source: EPA Region 8
Date Data Arrived at EDR: 09/07/2007	Telephone: 303-312-6271
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

### **INDIAN LUST R7:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

### **INDIAN LUST R10:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 09/12/2007	Source: EPA Region 10
Date Data Arrived at EDR: 09/14/2007	Telephone: 206-553-2857
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

### **INDIAN LUST R4:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/05/2007	Source: EPA Region 4
Date Data Arrived at EDR: 10/02/2007	Telephone: 404-562-8677
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 9	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **INDIAN LUST R1:** Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006	Source: EPA Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

## **INDIAN LUST R9:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/11/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/14/2007	Telephone: 415-972-3372
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

## **INDIAN UST R5:** Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 12/13/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

## **INDIAN UST R8:** Underground Storage Tanks on Indian Land

Date of Government Version: 08/27/2007	Source: EPA Region 8
Date Data Arrived at EDR: 09/07/2007	Telephone: 303-312-6137
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

## **INDIAN UST R10:** Underground Storage Tanks on Indian Land

Date of Government Version: 09/12/2007	Source: EPA Region 10
Date Data Arrived at EDR: 09/14/2007	Telephone: 206-553-2857
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

## **INDIAN UST R9:** Underground Storage Tanks on Indian Land

Date of Government Version: 09/11/2007	Source: EPA Region 9
Date Data Arrived at EDR: 09/14/2007	Telephone: 415-972-3368
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

## **INDIAN UST R7:** Underground Storage Tanks on Indian Land

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

## **INDIAN UST R6:** Underground Storage Tanks on Indian Land

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/31/2007  
Date Data Arrived at EDR: 08/31/2007  
Date Made Active in Reports: 10/11/2007  
Number of Days to Update: 41

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 11/15/2007  
Next Scheduled EDR Contact: 02/18/2008  
Data Release Frequency: Semi-Annually

## **INDIAN UST R4:** Underground Storage Tanks on Indian Land

Date of Government Version: 09/05/2007  
Date Data Arrived at EDR: 10/02/2007  
Date Made Active in Reports: 10/11/2007  
Number of Days to Update: 9

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 11/15/2007  
Next Scheduled EDR Contact: 02/18/2008  
Data Release Frequency: Semi-Annually

## **INDIAN UST R1:** Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006  
Date Data Arrived at EDR: 12/01/2006  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 59

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 11/15/2007  
Next Scheduled EDR Contact: 02/18/2008  
Data Release Frequency: Varies

## **EDR PROPRIETARY RECORDS**

### **Manufactured Gas Plants:** EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### **EDR Historical Auto Stations:** EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### **EDR Historical Cleaners:** EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## **FEDERAL RECORDS**

### **COLLEGES:** Integrated Postsecondary Education Data

The National Center for Education Statistics' primary database on integrated postsecondary education in the United States.

Date of Government Version: N/A  
Date Data Arrived at EDR: 10/12/2005  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: National Center for Education Statistics  
Telephone: 202-502-7300  
Last EDR Contact: 12/19/2007  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: N/A

### **HOSPITALS:** AHA Hospital Guide

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Date of Government Version: N/A  
Date Data Arrived at EDR: 10/19/1994  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: American Hospital Association  
Telephone: 800-242-2626  
Last EDR Contact: 09/22/2006  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: N/A

### **MEDICAL CENTERS:** Provider of Services Listing

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health & Human Services.

Date of Government Version: 06/01/1998  
Date Data Arrived at EDR: 11/10/2005  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000  
Last EDR Contact: 12/19/2007  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: N/A

### **NURSING HOMES:** Directory of Nursing Homes

Information on Medicare and Medicaid certified nursing homes in the United States.

Date of Government Version: N/A  
Date Data Arrived at EDR: 10/11/2005  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: N/A  
Telephone: 800-568-3282  
Last EDR Contact: 12/19/2007  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: N/A

### **PRIVATE SCHOOLS:** Private Schools of the United States

The National Center for Education Statistics' primary database on private school locations in the United States.

Date of Government Version: N/A  
Date Data Arrived at EDR: 10/07/2005  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: National Center for Education Statistics  
Telephone: 202-502-7300  
Last EDR Contact: 12/19/2007  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: N/A

### **PUBLIC SCHOOLS:** Public Schools

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/13/2004  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: National Center for Education statistics  
Telephone: 202-502-7300  
Last EDR Contact: 10/10/2007  
Next Scheduled EDR Contact: 01/07/2008  
Data Release Frequency: N/A

## COUNTY RECORDS

### **KING COUNTY:**

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

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

Date of Government Version: 04/30/1985  
Date Data Arrived at EDR: 11/07/1994  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: Seattle-King County Department of Public Health  
Telephone: 206-296-4785  
Last EDR Contact: 10/21/1994  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### **KITSAP COUNTY:**

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

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: N/A  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: N/A

### **SEATTLE COUNTY:**

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

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

Date of Government Version: 07/30/1984  
Date Data Arrived at EDR: 11/07/1994  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: Seattle - King County Department of Public Health  
Telephone: 206-296-4785  
Last EDR Contact: 10/21/1994  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### **SEATTLE/KING COUNTY:**

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

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

Date of Government Version: 12/31/1986  
Date Data Arrived at EDR: 08/18/1995  
Date Made Active in Reports: 09/20/1995  
Number of Days to Update: 33

Source: Department of Public Health  
Telephone: 206-296-4785  
Last EDR Contact: 08/14/1995  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### **SNOHOMISH COUNTY:**

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Solid Waste Sites of Record at Snohomish Health District

Solid waste disposal and/or utilization sites in Snohomish County.

Date of Government Version: 02/13/2007	Source: Snohomish Health District
Date Data Arrived at EDR: 05/03/2007	Telephone: 206-339-5250
Date Made Active in Reports: 06/04/2007	Last EDR Contact: 10/15/2007
Number of Days to Update: 32	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Semi-Annually

## TACOMA/PIERCE COUNTY:

### Closed Landfill Survey

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

Date of Government Version: 09/01/2002	Source: Tacoma-Pierce County Health Department
Date Data Arrived at EDR: 03/24/2003	Telephone: 206-591-6500
Date Made Active in Reports: 05/14/2003	Last EDR Contact: 03/19/2003
Number of Days to Update: 51	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## OTHER DATABASE(S)

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

### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2005	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/15/2007	Telephone: 860-424-3375
Date Made Active in Reports: 08/20/2007	Last EDR Contact: 12/13/2007
Number of Days to Update: 66	Next Scheduled EDR Contact: 03/10/2008
	Data Release Frequency: Annually

### NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/27/2007	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 08/30/2007	Telephone: 518-402-8651
Date Made Active in Reports: 09/21/2007	Last EDR Contact: 11/29/2007
Number of Days to Update: 22	Next Scheduled EDR Contact: 02/25/2008
	Data Release Frequency: Annually

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/23/2007	Telephone: N/A
Date Made Active in Reports: 09/27/2007	Last EDR Contact: 12/10/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/10/2007
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **WI MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006

Date Data Arrived at EDR: 04/27/2007

Date Made Active in Reports: 06/08/2007

Number of Days to Update: 42

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 10/09/2007

Next Scheduled EDR Contact: 01/07/2008

Data Release Frequency: Annually

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

## **Electric Power Transmission Line Data**

Source: PennWell Corporation

Telephone: (800) 823-6277

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

## **AHA Hospitals:**

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

## **Medical Centers: Provider of Services Listing**

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

## **Nursing Homes**

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

## **Public Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## **Private Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

## **Daycare Centers: Daycare Center Listing**

Source: Department of Social & Health Services

Telephone: 253-383-1735

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

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.



## **Scanned Digital USGS 7.5' Topographic Map (DRG)**

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## **STREET AND ADDRESS INFORMATION**

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

BOEING ISSACSON/THOMPSON  
8625 EAST MARGINAL WAY S  
TUKWILA, WA 98108

### **TARGET PROPERTY COORDINATES**

Latitude (North): 47.52578 - 47° 31' 32.8"  
Longitude (West): 122.30264 - 122° 18' 9.5"  
Universal Tranverse Mercator: Zone 10  
UTM X (Meters): 552496.4  
UTM Y (Meters): 5263611.5  
Elevation: 12 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map: 47122-E3 SEATTLE SOUTH, WA  
Most Recent Revision: 1983

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

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

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

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

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

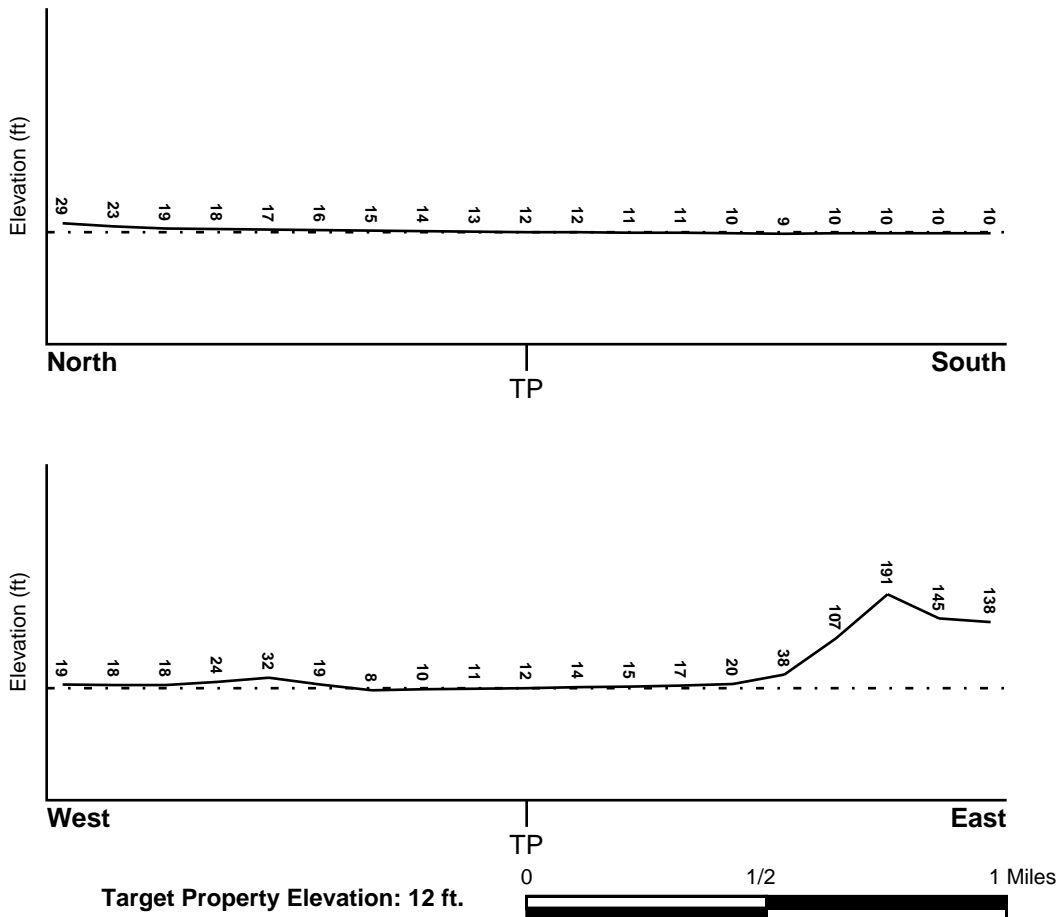
## TOPOGRAPHIC INFORMATION

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

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' 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.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

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

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

## **FEMA FLOOD ZONE**

Target Property County  
KING, WA

FEMA Flood  
Electronic Data  
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 53033C0645F

Additional Panels in search area:

- 53033C0635F
- 53033C0630F
- 53033C0675F
- 53033C0640F
- 53033C0636F
- 53033C0620F
- 53033C0664F
- 53033C0638F
- 53033C0935F
- 53033C0976F
- 53033C0957F
- 53033C0960F
- 53033C0955F
- 53033C0954F

## **NATIONAL WETLAND INVENTORY**

NWI Quad at Target Property  
SEATTLE SOUTH

NWI Electronic  
Data Coverage  
YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

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

### ***Site-Specific Hydrogeological Data\*:***

Search Radius:	1.25 miles
Location Relative to TP:	1/2 - 1 Mile NW
Site Name:	BOEING COMPANY PLANT 2
Site EPA ID Number:	WAD009256819
Groundwater Flow Direction:	NOT AVAILABLE
Inferred Depth to Water:	15 feet
Hydraulic Connection:	The near-surface aquifer is situated in artificial fill of sand, gravel, and clay. The ground water elevation is consistent with the surface elevation of the Duwamish Waterway.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

\* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
2	1/2 - 1 Mile NW	W
4	1/2 - 1 Mile SW	W
6	1/2 - 1 Mile SSW	NW
7	1/2 - 1 Mile NW	W

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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

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

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

#### ROCK STRATIGRAPHIC UNIT

Era: Cenozoic  
System: Tertiary  
Series: Lower Tertiary andesite  
Code: ITa (decoded above as Era, System & Series)

#### GEOLOGIC AGE IDENTIFICATION

Category: Volcanic Rocks

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

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

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

Soil Component Name: PILCHUCK  
Soil Surface Texture: loamy sand  
Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.  
Soil Drainage Class: Somewhat excessive. Soils have high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	20 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 6.10
2	20 inches	38 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 5.60
3	38 inches	60 inches	gravelly - sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 20.00	Max: 7.30 Min: 6.10
4	60 inches	70 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.50 Min: 5.60

### OTHER SOIL TYPES IN AREA

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

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

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

Shallow Soil Types: fine sandy loam

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

silt loam  
 silty clay loam  
 peaty - silt loam  
 loam  
 sandy loam

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

## LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

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

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS3276900	1/2 - 1 Mile NE
3	USGS3276748	1/2 - 1 Mile SSE
5	USGS3276757	1/2 - 1 Mile SE

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

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

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

## **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
---------------	----------------	-------------------------



# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE DATABASE WELL INFORMATION

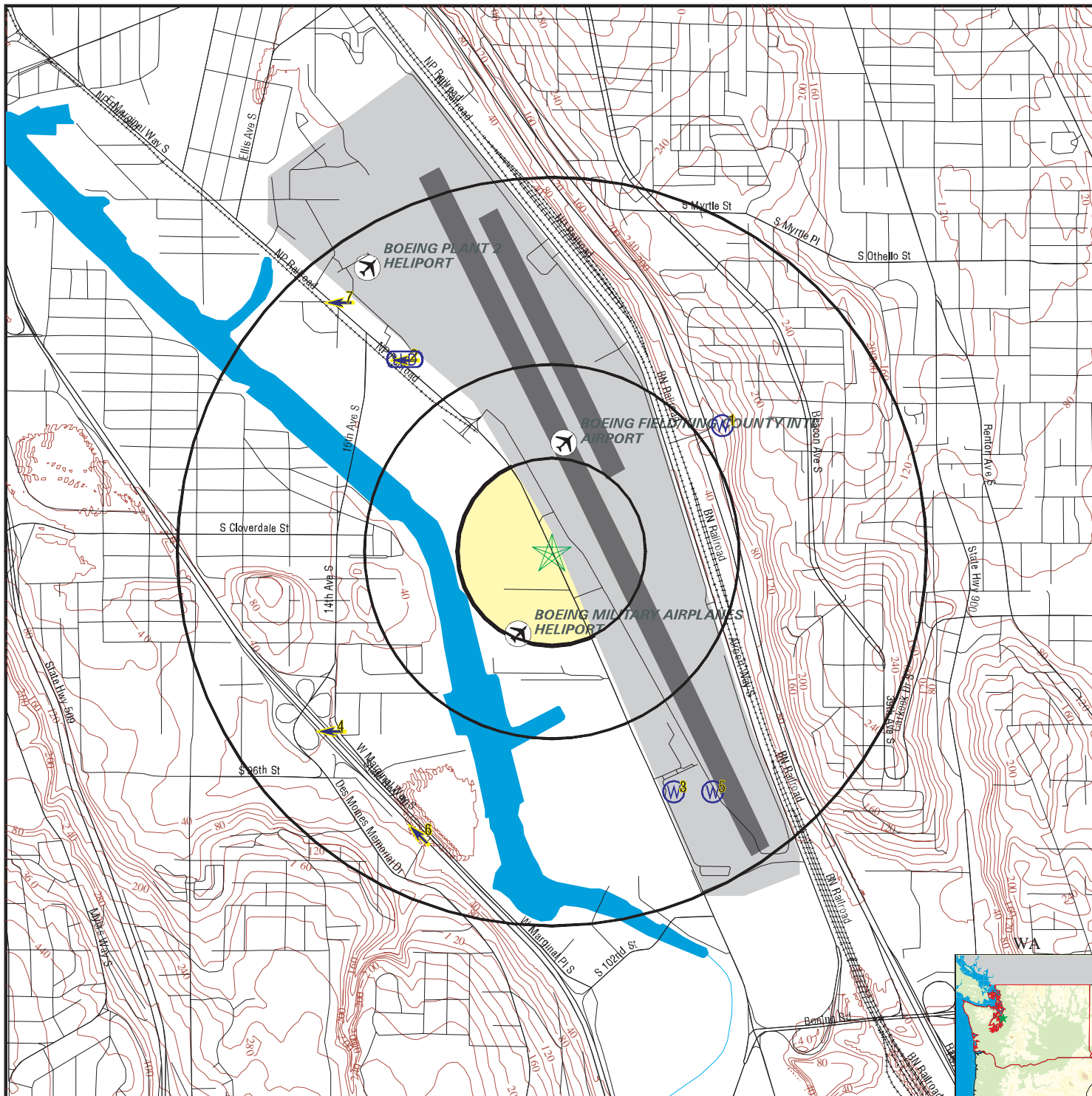
MAP ID

WELL ID

LOCATION  
FROM TP

No Wells Found

# PHYSICAL SETTING SOURCE MAP - 2105962.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data



SITE NAME: Boeing Issacson/Thompson  
 ADDRESS: 8625 East Marginal Way S  
 Tukwila WA 98108  
 LAT/LONG: 47.5258 / 122.3026

CLIENT: Landau Associates, Inc.  
 CONTACT: Brett Borgeson  
 INQUIRY #: 2105962.2s  
 DATE: December 21, 2007 9:43 am

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

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

**FED USGS      USGS3276900**

Agency cd:	USGS	Site no:	473151122173001
Site name:	24N/04E-33A01		
Latitude:	473151		
Longitude:	1221730	Dec lat:	47.53065456
Dec lon:	-122.29290197	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	033
Country:	US	Land net:	NE NE S33 T24N R04E W
Location map:	SEATTLE SOUTH	Map scale:	24000
Altitude:	90		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Duwamish. Washington. Area = 487 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19721205
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	20.5	Hole depth:	20.5
Source of depth data:	driller		
Project number:	WA31800		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**2**  
**NW**  
**1/2 - 1 Mile**  
**Lower**

Site ID:	4073	<b>AQUIFLOW</b>	<b>61378</b>
Groundwater Flow:	W		
Shallowest Water Table Depth:	4		
Deepest Water Table Depth:	10		
Average Water Table Depth:	Not Reported		
Date:	11/03/1992		

**3**  
**SSE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS3276748**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	473056122173001
Site name:	23N/04E-04A01		
Latitude:	473100		
Longitude:	1221740	Dec lat:	47.51648795
Dec lon:	-122.29567965	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	033
Country:	US	Land net:	NE NE S04 T23N R04E W
Location map:	SEATTLE SOUTH	Map scale:	24000
Altitude:	15		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Duwamish. Washington. Area = 487 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19530918
Date inventoried:	19860603	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	686	Hole depth:	686
Source of depth data:	driller		
Project number:	WA31800		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data begin date:	1954-04-19	Water quality data count:	1
Water quality data end date:	1954-04-19	Ground water data begin date:	1953-09-18
Ground water data begin date:	1953-09-18	Ground water data end date:	1953-09-18
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1953-09-18	9.29	

**4  
SW  
1/2 - 1 Mile  
Higher**

Site ID:	1476		
Groundwater Flow:	W	<b>AQUIFLOW</b>	<b>61185</b>
Shallowest Water Table Depth:	Not Reported		
Deepest Water Table Depth:	Not Reported		
Average Water Table Depth:	12.5		
Date:	12/05/1990		

**5  
SE  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS3276757**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	473100122173201
Site name:	24N/04E-04A01		
Latitude:	473100		
Longitude:	1221732	Dec lat:	47.51648796
Dec lon:	-122.29345736	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	033
Country:	US	Land net:	NE NE S04 T24N R04E W
Location map:	SEATTLE SOUTH	Map scale:	24000
Altitude:	15		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	3		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lake Washington. Washington. Area = 619 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19530418
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	720	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1953-04-18	Ground water data end date:	1953-04-18
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

-----  
1953-04-18

Note: The site was flowing, but the head could not be measured without additional equipment.

---

<b>6</b> <b>SSW</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID: 2212		
	Groundwater Flow: NW		<b>AQUIFLOW 61244</b>
	Shallowest Water Table Depth: 8.7		
	Deepest Water Table Depth: 11.0		
	Average Water Table Depth: Not Reported		
	Date: 04/22/1991		

---

<b>7</b> <b>NW</b> <b>1/2 - 1 Mile</b> <b>Lower</b>	Site ID: 5290		
	Groundwater Flow: W		<b>AQUIFLOW 61360</b>
	Shallowest Water Table Depth: 4		
	Deepest Water Table Depth: 6.5		
	Average Water Table Depth: Not Reported		
	Date: 04/13/1994		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

Federal EPA Radon Zone for KING County: 3

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

Federal Area Radon Information for Zip Code: 98108

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.200 pCi/L	100%	0%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### **USGS 7.5' Digital Elevation Model (DEM)**

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### **Scanned Digital USGS 7.5' Topographic Map (DRG)**

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

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

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

## HYDROGEOLOGIC INFORMATION

### **AQUIFLOW<sup>R</sup> Information System**

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

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

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

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

Source: Department of Agriculture, Natural Resources Conservation Services

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

### **SSURGO: Soil Survey Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

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

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

#### **USGS Water Wells:** USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### **Water Wells**

Source: Department of Health

Telephone: 360-236-3148

Group A and B well locations.

## OTHER STATE DATABASE INFORMATION

### RADON

#### **Area Radon Information**

Source: USGS

Telephone: 703-356-4020

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

#### **EPA Radon Zones**

Source: EPA

Telephone: 703-356-4020

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

### OTHER

#### **Airport Landing Facilities:** Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

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

Source: Department of Commerce, National Oceanic and Atmospheric Administration



## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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# Historical Property Records



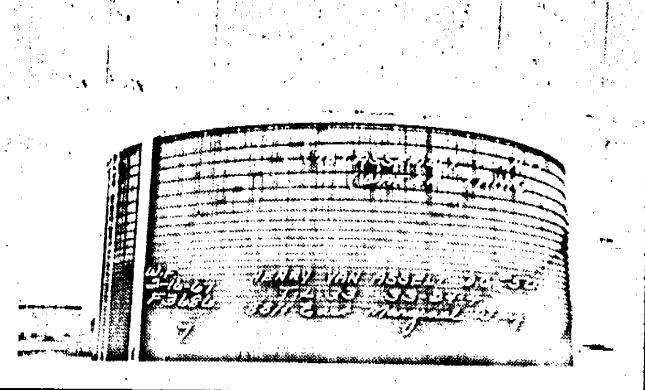
FOLIO 3686 ADDITION VAN ASSELT DC #50  
 Section 33 Twp 24 Range 4 EWM. Block Lot or  
 PERMIT NO. 6154 C-210750 Tax Lot 33 Tract  
 DATE 2-17-66 Address 8811 EAST MARGINAL WAY  
 737 Assembly Complex  
 Bldg # WATER TANK

Fee Owner ROEING Architect Contractor  
 Zoning Condition of Exterior G Interior G Foundation G Floor Plan: Good X Accept. Poor

USE WATER TANK	ROOF CONSTRUCTION	FLOOR FINISHES	PLUMBING
No. Stories	<input checked="" type="checkbox"/> Frame-Joist	Fir <input type="checkbox"/> Maple	No. Fixtures
No. Stores	Mill-Deck	Oak <input type="checkbox"/> 2x6TG	Toilets Urinals
No. Rooms	Rein. Conc. GLB	Lino <input type="checkbox"/> 3x6TG	Tubs Leg. or Pem.
Basement	Steel Fr. Metal Deck	Cement <input type="checkbox"/> Lgtwtg. Conc.	Basins Dr. Fins.
No. Offices Unit Sq. Ft.	Trusses Span	Terrazzo	Sinks
No. Apartmts	Wood Steel	Asphalt Tile <input type="checkbox"/> Vinyl Tile	Washers Dryers
1 rm. <input type="checkbox"/> 2 rm. <input type="checkbox"/> 3 rm.			Showers (tub) (stall)
4 rm. <input type="checkbox"/> 5 rm. <input type="checkbox"/> 6 rm.			H.W. Tanks Ldy. Trays
			D. Washers Disposals

TYPE OF CONSTRUCTION Date Built 1967 Date Add. Built  Finished  Unfinished  Remodeled  
 Effective Age Years Future Life Years  
 Dep. for Cond. Dep. for Ob. Dep. for Es. YOM Sprinkler Sys.

FACTS	
Ordinary Masonry	1040
Class A Rein. Conc.	130
Stru. Steel and Conc.	6
Struct. Steel, Frame	139
or <input checked="" type="checkbox"/> Wood	1315



HEATING
Elec. Oil Gas
H.W. St. H.A.
B. Bd. Suspended
FHA Pipeless
A. Cond. Wall Unit
Comb. Unit Custom
Refrig. Convactor
Heat Pump Fireplace

YEAR	ASSESSED VALUE
1968	3500 WF '67
71	7000

FOUNDATION
Mud Sill <input type="checkbox"/> Post Pier
Conc. <input type="checkbox"/> Brick
Lead Hgt. <input type="checkbox"/> Piling

BASEMENT
Full % Part.
Sub-Basement
Size
Garage <input type="checkbox"/> No. Cars
Floors
Plastered <input type="checkbox"/> Pl. Bd.
No. Apartments
Service Rooms

MISC. TANKS, Etc.	ELEVATORS	DOCKS AND PIERS	WIRING
HOISTS: Elec. Hydr.	Pass. Frght	Hvy. Med. Lgt.	Knob & Tube
20 METAL LADDER	Auto. Elec.	Untrtd. Pile Tmbr.	Flex. Cable
12" CONC. FOUNDATION	Man. Hydr.	Conc. Piles & Bms	Conduit
	Doors-Auto Man.	Trtd. Pile Tmbr.	Pwr. Wiring
	Escalators	Paved	Range Wiring
	Stops Speed	Dolphins	Outlets
	Cap'y.	Deck	

EXTERIOR WALL CONST.
Single <input type="checkbox"/> Double
Stud Walls
Brick <input type="checkbox"/> Pil.
Conc. <input type="checkbox"/> Pil.
Rein. Conc. Skeleton
Str. Stl.-Frame
Pre-Fab Metal
Tilt-Up
Filler Wall
Curtain Wall

C. Hgt.	GROUND FLOOR AREA
SB	TOTAL FLOOR AREA
1	20'
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	

EXTERIOR FACING
Siding
Stucco Shakes
Marblecrete
Brick <input type="checkbox"/> Veneer
Conc. <input type="checkbox"/> Conc. Blk.
<input checked="" type="checkbox"/> Wood

INTERIOR WALLS & CEILING
Stud Wood Metal
Plaster Dry Wall
Acc. Tile Calotex
Ceiled Plywood
Solid Block
Sound Proofed Lamin.
Finished Unfinished
Painted Varnished

FLOOR CONSTRUCTION
Joist x x O.C.
Mill Car Deck
R. Conc. Elev.
Steel GLB.

INSULATION
Exter. Partitions
Roof Floor

INTERIOR TRIM
Fir Birch
Mah. Oak
Metal
Wood Metal Doors
Wood Metal Sash
Stained Varnish
Painted Unfin.



FOLIO 3686 ADDITION HENRY VAN ROSEY DC #50  
 PERMIT NO. 615M Section 33 Twp 24 Range 4 E.W.M. Block Lot or  
 C 210750 Tax Lot 33 Tract  
 DATE 2-17-66 Address 8811 EAST DIKORNER WAY  
 737 Assembly Complex  
 Bldg # 14-01 - Assembly Bldg

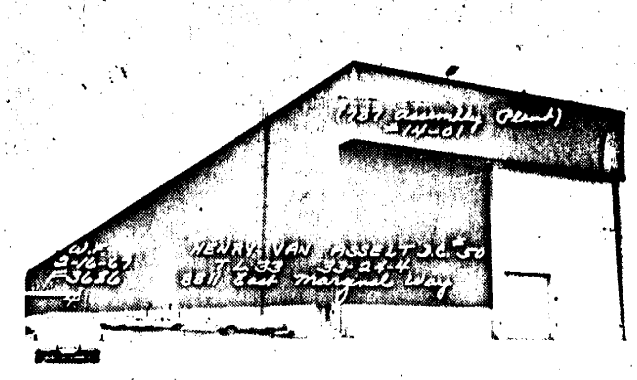
Fee Owner BOEING Architect Contractor Austin Co  
 Zoning Condition of Exterior G Interior G Foundation G Floor Plan Good X Accept. Poor

USE 737 Assembly	ROOF CONSTRUCTION	FLOOR FINISHES	PLUMBING
No. Stories 4	Frame-Joist	Fir <input type="checkbox"/> Maple <input type="checkbox"/>	No. Fixtures
No. Stores	Mill-Deck	Oak <input type="checkbox"/> 2x6TG	Bath Floor
No. Rooms	Rein. Conc. GLB	Lino <input type="checkbox"/> 3x6TG	Bath Walls 28
Basement	Steel Fr. X Metal Deck	Cement <input type="checkbox"/> Lghtwt Conc.	Tub Recess
No. Offices Unit Sq. Ft.	Trusses 120' Span 12'	Terrazzo	Drain Bds. 10
No. Apartms	Wood X Steel	Asphalt Tile <input type="checkbox"/> Vinyl <input type="checkbox"/>	Vanities 2
1 rm. <input type="checkbox"/> 2 rm. <input type="checkbox"/> 3 rm.			Sinks
4 rm. <input type="checkbox"/> 5 rm. <input type="checkbox"/> 6 rm.			Washers Dryers
			Showers (tub) (stall)
			H.W. Tanks Ldy. Trays
			D. Washers Disposals
			4 54" Air Purifiers
			X Sprinkler Sys.

Date Built 1967 Date Add. Built  Finished  Unfinished  Remodeled  
 Effective Age Years Future Life Years  
 Dep. for Cond. Dep. for Ob. Dep. for Es. Total

TYPE OF CONSTRUCTION

Frame	
Metal-Prefab	
Ordinary Masonry	
Mill Construction	
Class A Rein. Conc.	
X Stru. Steel and Conc.	
X Struct. Steel, Frame	
or	
QUALITY-TYPE	
Good X Med. Cheap	
FOUNDATION	
Mud Sill <input type="checkbox"/> Post Pier	
X Conc. <input type="checkbox"/> Brick	
Load Hgt. <input checked="" type="checkbox"/> Piling	
BASEMENT	
Full % Part.	
Sub-Basement	
Size	
Garage <input type="checkbox"/> No. Cars	
Floors	
Plastered <input type="checkbox"/> Pl. Bd.	
No. Apartments	
Service Rooms	



HEATING

Elec. Oil Gas	
X H.W. St. H.A.	
B. Bd. Suspended	
FHA Pipeless	
X A. Cond. Wall Unit	
Comb. Unit Custom	
Refrig. Convectator	
Heat Pump Fireplace	

YEAR	ASSESSED VALUE
1968	1784900-000
1968	1800800-000
1968	1773700-000
71	5547400

FOUNDATION

Mud Sill <input type="checkbox"/> Post Pier	
X Conc. <input type="checkbox"/> Brick	
Load Hgt. <input checked="" type="checkbox"/> Piling	
BASEMENT	
Full % Part.	
Sub-Basement	
Size	
Garage <input type="checkbox"/> No. Cars	
Floors	
Plastered <input type="checkbox"/> Pl. Bd.	
No. Apartments	
Service Rooms	

MISC. TANKS, Etc.	ELEVATORS	DOCKS AND PIERS	WIRING
HOISTS: Elec. Hydr.	Pass. 2 Frght	Hvy. Med. Lgt	Knob & Tube
12' High Sliding Doors	Auto. X Elec.	Untrtd. Pile Tmbr.	Flex. Cable
OVER HANG - 16' x 280'	Man. Hydr.	Conc. Piles & Bms	X Conduit
3880' - 6' CHAIN FENCE	Doors-Auto Mgn. Escalators	Trtd. Pile Tmbr.	X Pwr. Wiring
	4 Stops Speed	Paved	Range Wiring
	Cap'y. 10000	Dolphins	Outlets
	C.Hgt.	Deck	
	SB	GROUND FLOOR AREA 218960	
	B	TOTAL FLOOR AREA 312800	

EXTERIOR WALL CONST.

Single <input checked="" type="checkbox"/> Double	
Stud Walls	
Brick <input type="checkbox"/> Pil.	
7' Conc. Precast Pil.	
Rein. Conc. Skeleton	
Str. Stl.-Frame	
X Pre-Fab Metal	
Tilt-Up	
Filler Wall	
Curtain Wall	
1 1/2" x 2 1/4" GA METAL	

INTERIOR WALLS & CEILING

X Stud Wood X Metal	
Plaster DryWall	
Acc. Tile Celotex	
Ceiled Plywood	
X Solid X Block	
Sound Proofed Lamin.	
Finished Unfinished	
X Painted Varnished	
X 3" PIPE FENCE	

INSULATION

Exter. Partition	
X Roof Floor	
INTERIOR TRIM	
Fir Birch	
Mah. Oak	
X Metal	
Wood X Metal Doors	
Wood Metal Sash	
Stained Varnish	
X Painted Unfin.	

EXTERIOR FACING

Siding	
Stucco Shakes	
Marblecrete	
Brick <input type="checkbox"/> Veneer	
Conc. <input type="checkbox"/> Conc. Blk.	

INSULATION

Exter. Partition	
X Roof Floor	

FLOOR CONSTRUCTION

Joist x x O.C.	
Mill Car Deck	
R. Conc. Elev.	
Steel GLB.	
or	

INTERIOR TRIM

Fir Birch	
Mah. Oak	
X Metal	
Wood X Metal Doors	
Wood Metal Sash	
Stained Varnish	
X Painted Unfin.	

ROOF COVERING

X Bit-Up Tar.&Gr.	
Comp. Metal.	
or	

INTERIOR TRIM

Fir Birch	
Mah. Oak	
X Metal	
Wood X Metal Doors	
Wood Metal Sash	
Stained Varnish	
X Painted Unfin.	

SEE Supl SHEET

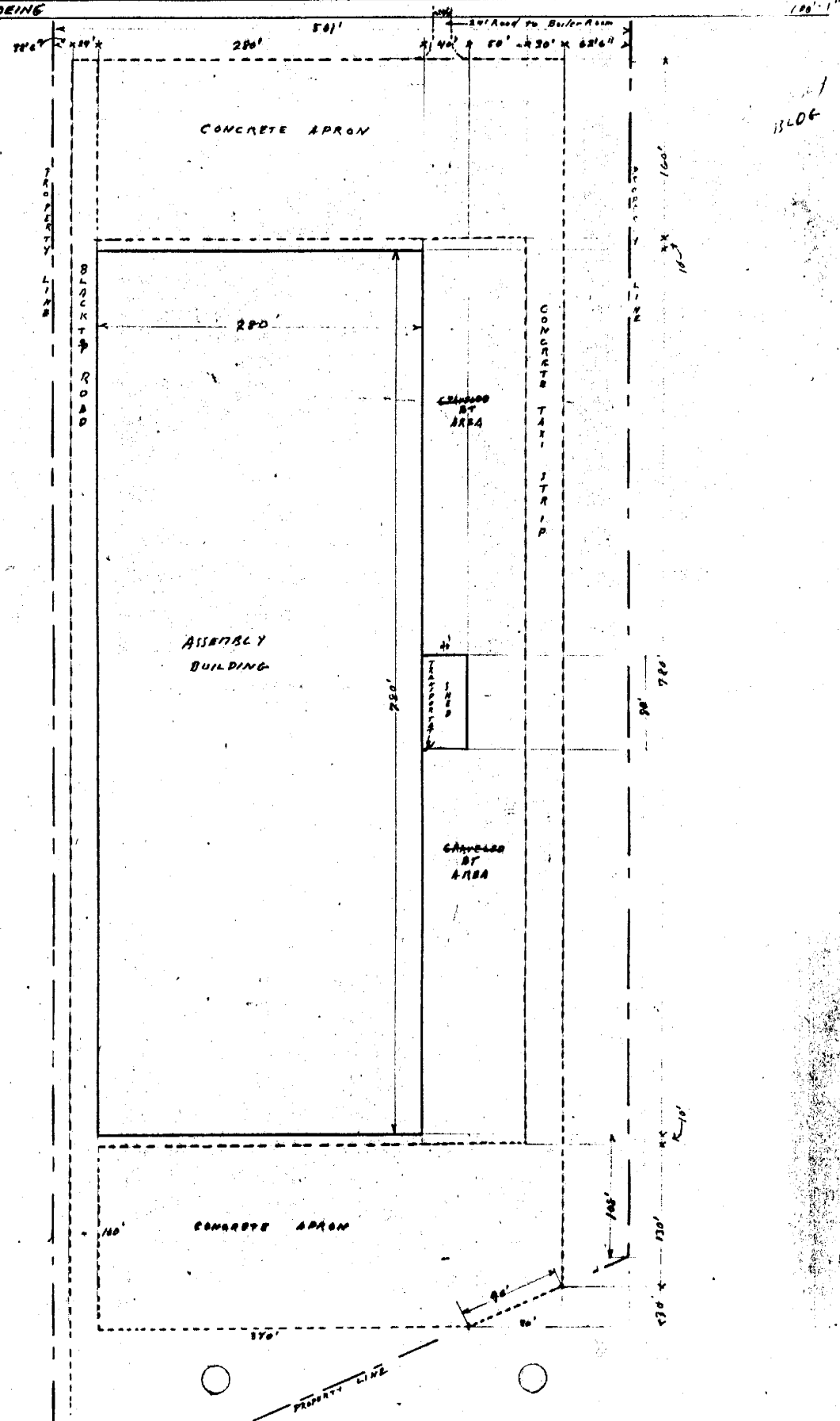


FOLIO 3686 ADDITION HENRY VAN ASSET DC #50

DATE 2-10-67 Section 33 Twp 24 Range 4 Evm. Block 33 Lot or Tract

ADDRESS PLOT PLAN - 737 Assembly Complex - 8811 EAST MARGINAL WAY

Fee Owner BOEING



13206



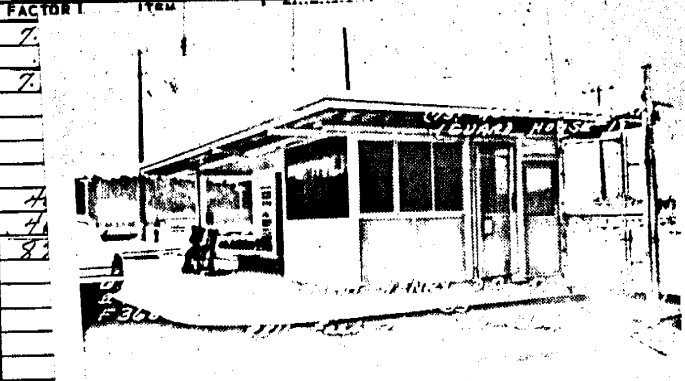
FOLIO 3686 ADDITION VAN HESSELT DC #50  
 Section 33 Twp 24 Range 4 EWM. Block Lot or  
 PERMIT NO. 6154 C-210750 Tax Lot 33 Tract  
 DATE 2-17-66 Address 8811 EAST MARGINAL WAY  
 737 Assembly Complex  
 Bldg # GUARD HOUSE FRONT #1

Fee Owner BOEING Architect Contractor  
 Zoning Condition of Exterior G Interior G Foundation G Floor Plans Good G Accept. Poor

USE GUARD HOUSE	Roof Construction	Floor Finishes	Plumbing
	No. Stories 1 No. Stores 2 No. Rooms Basement Unit No. Offices Sq. Ft. No. Apartmts 1 rm. 2 rm. 3 rm. 4 rm. 5 rm. 6 rm.	Frame-Joist Mill-Deck 2x6 DECK Rein. Conc. 4x9 G.L.B. Steel Fr. Metal Deck Trusses Span Wood Steel	Fir Oak Lino Cement Terrazzo Asphalt Tile Maple 2x6TG 3x6TG Lgtwgt. Conc. Vinyl Tile

Date Built 1967 Date Add. Built  Finished  Unfinished  Remodeled  
 Effective Age Years Future Life Years  
 Dep. for Cond. Dep. for Ob. Dep. for Es. Total

TYPE OF CONSTRUCTION  
 Frame  
 Metal-Prefab  
 Ordinary Masonry  
 Mill Construction  
 Class A Rein. Conc.  
 Stru. Steel and Conc.  
 Struct. Steel, Frame  
 or



HEATING  
 Elec. Oil Gas  
 H.W. St. H.A.  
 B.Bd. Suspended  
 FHA Pipeless  
 A. Cond. Wall Unit  
 Comb. Unit Custom  
 Refrig. Convectur  
 Heat Pump Fireplace

QUALITY-TYPE  
 Good  Med.  Cheap

FOUNDATION  
 Mud Sill  Post Pier  
 Conc.  Brick  
 Load Hgt.  Piling

BASEMENT  
 Full  % Part.  
 Sub-Basement  
 Size  
 Garage  No. Cars  
 Floors  
 Plastered  Pl. Bd.  
 No. Apartments  
 Service Rooms

MISC. TANKS, Etc.  
 HOISTS: Elec. Hydr.  
 274# Canopy

ELEVATORS  
 Pass. Frght  
 Auto. Elec.  
 Man. Hydr.  
 Doors-Auto Man.  
 Escalators  
 Stops Speed  
 Cap'y.

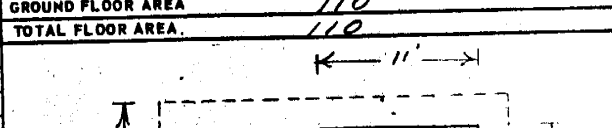
DOCKS AND PIERS  
 Hvy. Med. Lgt.  
 Untrtd. Pile Tmbr.  
 Conc. Piles & Bms  
 Trtd. Pile Tmbr.  
 Paved  
 Dolphins  
 Deck

WIRING  
 Knob & Tube  
 Flex. Cable  
 Conduit  
 Pwr. Wiring  
 Range Wiring  
 Outlets

YEAR	ASSESSED VALUE
1969	500 w.f. '67
'71	1000

EXTERIOR WALL CONST.  
 Single  Double  
 Stud Walls  
 Brick Pll.  
 Conc. Pll.  
 Rein. Conc. Skeleton  
 Str. Stl.-Frame  
 Pre-Fab Metal  
 Tilt-Up  
 Filler Wall  
 Curtain Wall

C.Hgt.	GROUND FLOOR AREA	TOTAL FLOOR AREA
SB	110	110
8'		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		



INTERIOR WALLS & CEILING  
 Stud  Wood Metal  
 Plaster  Dry Wall  
 Acc. Tile Celotex  
 W Ceiled Plywood  
 Solid Block  
 Sound Proofed Lamin.  
 Finished Unfinished  
 Painted Varnished

EXTERIOR FACING  
 Siding  JOINT  
 Stucco Shakes  
 Marblecrete  
 Brick Veneer  
 Conc. Conc. Blk.  
 CEMENTO PANEL

INSULATION  
 Exter. Partitions  
 Roof Floor

FLOOR CONSTRUCTION  
 Joist x x O.C.  
 Mill Cor Deck  
 R. Conc. Elev.  
 Steel G.L.B.

INTERIOR TRIM  
 Fir Birch  
 Mah. Oak  
 Metal  
 Wood Metal Doors  
 Wood Metal Sash  
 Stained Varnish  
 Painted Unfln.

ROOF COVERING  
 Blt.-Up Tar.&Gr.  
 Comp. Metal

FOLIO 3686  
 PERMIT NO. 6154  
 C-210750  
 DATE 2-17-66

ADDITION VAN ASSET DC #50  
 Section 33 Twp 24 Range 4 EWM. Block Lot or  
 Tax Lot 33 Tract  
 Address 8811 EAST MARGINAL WAY  
 737 Assembly Complex  
 Bldg # GUARD HOUSE REAR #2

Fee Owner BOEING Architect Contractor  
 Zoning Condition of Exterior G Interior G Foundation G Floor Plan: Good X Accept. Poor

USE Guard House #2  
 No. Stories  
 No. Stores  
 No. Rooms  
 Basement  
 No. Offices Unit. Sq. Ft.  
 No. Apartmts  
 1 rm.  2 rm.  3 rm.  
 4 rm.  5 rm.  6 rm.

ROOF CONSTRUCTION  
 Frame-Joist  
 Mill-Deck 2x6 DECK  
 Rein. Conc. 4x4x9x8 GLB  
 Steel Fr. Metal Deck  
 Trusses Span  
 Wood Steel

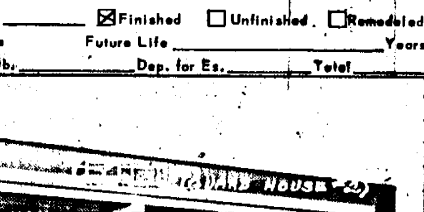
FLOOR FINISHES  
 Fir  Maple  
 Oak  2x6TG  
 Lino  3x6TG  
 Cement  
 Terrazzo  
 Asphalt Tile  Vinyl Tile

Tile  Lino  Form.  
 Bath Floor  
 Bath Walls  
 Tub Recess  
 Drain Bds.  
 Vanities

PLUMBING  
 No. Fixtures  
 Toilets Urinals  
 Tuba Leg. or Pem.  
 Basins Dr. Fins.  
 Sinks  
 Washers Dryers  
 Showers (tub) (stall)  
 H.W. Tanks Ldy. Trays  
 D. Washers Disposals  
 Sprinkler Sys.

TYPE OF CONSTRUCTION  
 Frame  
 Metal-Prfab  
 Ordinary Masonry  
 Mill Construction  
 Class A Rein. Conc.  
 Stru. Steel and Conc.  
 Struct. Steel, Frame  
 or  
 QUALITY-TYPE  
 Good  Med.  Cheap

FACT  
 Date Built 1967 Date Add. Built  
 Finished  Unfinished  Remodeled  
 Effective Age Years Future Life Years  
 Dep. for Cond. Dep. for Obr. Dep. for Es. Total



HEATING  
 Elec. Oil Gas  
 H.W. St. H.A.  
 B.Bd. Suspended  
 FHA Pipeless  
 A. Cond. Wall Unit  
 Comb. Unit Custom  
 Refrig. Convectator  
 Heat Pump Fireplace

FOUNDATION  
 Mud Sill  Post Pier  
 Conc.  Brick  
 Load Hgt.  Piling

MISC. TANKS, Etc.  
 HOISTS: Elec. Hydr.  
171' OVER HANG

ELEVATORS  
 Pass. Frght  
 Auto. Elec.  
 Man. Hydr.  
 Doors-Auto Man.  
 Escalators  
 Steps Speed  
 Cap'y.

DOCKS AND PIERS  
 Hvy. Med. Lgt.  
 Untrtd. Pile Tmbr.  
 Conc. Piles & Bms  
 Trtd. Pile Tmbr.  
 Paved  
 Dolphins  
 Deck

WIRING  
 Knob & Tube  
 Flex. Cable  
 Conduit  
 Pwr. Wiring  
 Range Wiring  
 Outlets

BASEMENT  
 Full  % Part.  
 Sub-Basement  
 Size  
 Garage  No. Cars  
 Floors  
 Plastered  Pl. Bd.  
 No. Apartments  
 Service Rooms

EXTERIOR WALL CONST.  
 Single  Double  
 Stud Walls  
 Brick  Pil.  
 Conc.  Pil.  
 Rein. Conc. Skeleton  
 Str. Sil.-Frame  
 Pre-Fab Metal  
 Tilt-Up  
 Filler Wall  
 Curtain Wall  
 1 1/2 CEMENTO

INSULATION  
 Exter.  Partitions  
 Roof  Floor

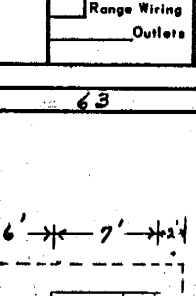
FLOOR CONSTRUCTION  
 Joist x x O.C.  
 Mill  Car Deck  
 R. Conc.  Elev.  
 Steel  GLB.

YEAR ASSESSED VALUE  
 1968 200 WF 67  
 71 400

EXTERIOR FACING  
 Siding  JOINT  
 Stucco  Shakes  
 Marblecrete  
 Brick  Veneer  
 Conc.  Conc. Blk.  
 1 1/2 CEMENTO

INTERIOR WALLS & CEILING  
 Stud Wood Metal  
 Plaster  Dry Wall  
 Acc. Tile  Celotex  
 DW Ceiled  Plywood

INTERIOR TRIM  
 Fir  Birch  
 Mah.  Oak  
 Metal  
 Wood  Metal Doors  
 Stained  Varnish  
 Painted  Unfin.



FLOOR COVERING  
 Bit. Up  Tan. & Gr.  
 Comp.  Metal

ROOF COVERING  
 Bit. Up  Tan. & Gr.  
 Comp.  Metal

ROOF CONSTRUCTION  
 Frame-Joist  
 Mill-Deck  
 Rein. Conc.  
 Steel Fr. Metal Deck  
 Trusses Span  
 Wood Steel

PLUMBING  
 No. Fixtures  
 Toilets Urinals  
 Tuba Leg. or Pem.  
 Basins Dr. Fins.  
 Sinks  
 Washers Dryers  
 Showers (tub) (stall)  
 H.W. Tanks Ldy. Trays  
 D. Washers Disposals  
 Sprinkler Sys.

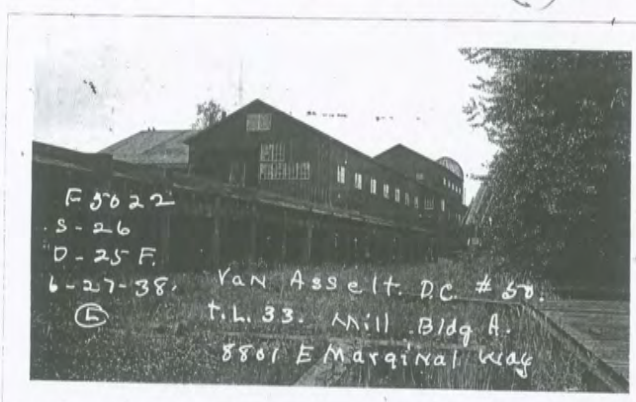
HEATING  
 Elec. Oil Gas  
 H.W. St. H.A.  
 B.Bd. Suspended  
 FHA Pipeless  
 A. Cond. Wall Unit  
 Comb. Unit Custom  
 Refrig. Convectator  
 Heat Pump Fireplace



2 ADDITION HENRY VAN ASSELT D. C. #50. NAME 00074  
 SECTION TWP. N. RANGE EWM. BLOCK TRACT OR LOT No. Tax Lot 33  
 DESCRIPTION That por. of D. C. ly bet Marginal Way & B & Coml. W. W. on W. (Legal on back)  
 3 ADDRESS - PROPERTY 8801 E. Marginal Way CONT. PURCHASER  
 4 FEE OWNER WALKER BISSALL NUMBER Co. 5-12-17  
 5 ARCHITECT CONTRACTOR

ORIG. COST \$  
 6 BUILDING Saw Mill  
 1-2-3 Stories  
 Portion  
 INTERIOR Post & Beam - Fir Timber  
 FLOORS 3" Plank  
 FIRE PLACE None  
 PLUMBING None  
 TILE WORK None  
 WIRING 200 Outlets  
 HEATING None  
 ELEVATORS None  
 CEILING - HEIGHT See Drawing

BASEMENT None  
 STORE FRONTS None  
 EXTERIOR Frame B&B  
 FOUNDATION Concrete Piers  
 ROOF Shiplap & Paper  
 EXTRA FEATURES 550 Sprinklers  
 CONSTRUCTION Medium  
 MISCELLANEOUS  
 7 CONDITION: EXTERIOR Fair INTERIOR Fair FOUND. Fair  
 8 MAIN SUPPORT COLUMN 12x12 FOOTING Conc. Pier SPAN 40 FT.  
 9 FIRST FLOOR JOIST 4x12 - 2' INCH CENTERS BRIDGED NO  
 10 BUILDING Finished  
 11 GROSS INCOME \$ EXPENSE \$ NET INCOME \$  
 12 DEPRECIATION: COND. % OBSLSE. % ECON. SUIT. % TOTAL %  
 YEAR BUILT 1917 REMODELED No  
 EFFECTIVE AGE 21 YEARS FUTURE LIFE 12 YEARS  
 DIMENSIONS 45 x 72 x SQUARE FT. AREA CUBIC FT.



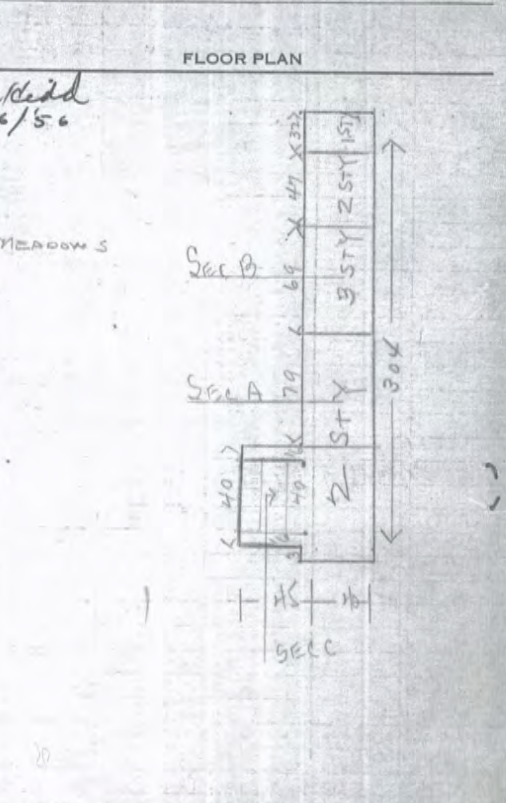
Total a.v. of all Imp. 100<sup>00</sup>  
 545

15400  
 IMPROVEMENT VALUE  
 MAIN BUILDING \$ 6480  
 OTHER BUILDINGS \$ 200  
 TOTAL \$ 6680  
 ASSESSED VALUE 50% \$ 3340  
 DATE  
 LAND INFORMATION  
 1. SIZE x  
 Topgy - Level on Grade  
 2. STREET - ROAD Graded  
 Concrete - No Alley  
 3. SIDEWALK No  
 4. LANDSCAPING Natural  
 5. TREND Static VALUE \$  
 6. USE Industrial  
 7. DISTRICT Poor - Old

OTHER BUILDINGS	CONSTRUCTION	FLOOR	ROOF	STY.	DIMENSION	AREA	VALUE
See attached sheet for description other Bldgs. (9) - marked (L-M-N-O-P-Q-R-S-T)					Used		\$ 253
					Marked 1955 - added		6/56

OWNER OR CONTRACT PURCHASER	DATE	FILE NO.	PRICE	MTGE.	STAMP
Waller Trust Savings	5-16-52	E 45361	15000		
PARR SEATTLE Co	10-16-56	E 238303	600,000	SEE	
				TR 4 THE MEADOWS	



REMARKS Building mostly free of dry rot.  
 ALSO BLDG'S B-C-D-E-F-G-H-I-J-K  
 TAX Lot 33 HENRY VAN ASSELT D.C. #50  
 SEE TAX 4 - SEC 33-TWP 24-RNE 4 FOR OTHER IMPROVEMENTS



ADDITION

TAX LOTS

1/4 SECTION 33 TWP. 24 N. RANGE 4 BLOCK LOT 4

LIMITS

DESCRIPTION POR OF ABANDONED CHANNEL OF DUWAMISH RIVER BEG AT INTRSN OF WLY MGN OF EAST MARGINAL WAY & S LN OF H VAN ASSELT D. C. # 50 TH N 23°40'59" W 379.39' TO TPOB TH S 23°40'59" E 42.536 TH S 83°44'43" W 202.374 TH S 78°15'30" W 236' TH N 11°44'30" W to PT W OF TPOB TH E TO TPOB.

POR OF VAN ASSELT D.C. (TR 4 THE MEADOWS) & McNATT D.C. & OF ABANDONED BED OF DUWAMISH RIVER DAF: BEG AT INTRSN OF WLY LN OF EAST MARGINAL WAY & S LN OF VAN ASSELT DC TH S 23°40'59" E 167.68' TH W 1499.53' TH N 15°W 518.67' TH E 1414.02' TO WLY MGN OF E MARGINAL WAY TH S 23°40'59" E 379.39' TO BEG.

PRICE

REMARKS

DISTRICT: ROAD SCHOOL WATER FIRE SEWER HOSPITAL AIRPORT FERRY

ASSESSED VALUE

Table with columns: YEAR, ACRES, TIMBER, LAND, BLDGS., TOTAL, DATE, BY, REASON, SEG. NO. Rows 19-19.





TRICT  
 COUNTY  
 CODE NO.  
 PERMIT NO.

2 ADDITION **HENRY VAN ASSELT D. C. # 50** NAME **TL (33)** *Legation hall*  
 SECTION **33** TWP. **24** N. RANGE **4** EWM; BLOCK TRACT OR LOT NO. **4** Tax lot **4**  
 DESCRIPTION **TL-4- Beg at intsn of Wly ln of E Marg'l Way & N ln of SWly por of Van Asselt D.C. th alg shore ln meander of right bank of Duwamish River S 83°44'43" W 202.374' th S 78°15'30" W 235' th N 11°44'30" W 194.809' to shore ln meander of left bank of sd river th alg sd meander N 77°10'43" East Marginal Way**  
 3 ADDRESS - PROPERTY **East Marginal Way** CONT. PURCHASER **E 220.498' th N 86°53'56" E 220.498' th N 86°53'56" E 178.123' to Wly ln**  
 4 FEE OWNER **BOEING AIRPLANE CO.** CONTRACTOR **of E Marg'l Way th SWly alg sd Wly ln 196,966' to beg.**  
 5 ARCHITECT

ORIG. COST \$  
 5 BASEMENT None STORE FRONTS None EXTRA FEATURES (None) Ln 196,966' to beg.  
 6 BUILDING Office- Yard CONSTRUCTION Single- Cheap MISCELLANEOUS  
 7 CONDITION: EXTERIOR INTERIOR FOUND.  
 8 MAIN SUPPORT COLUMN X FOOTING SPAN FT.  
 9 FIRST FLOOR JOIST 2 x 6 24 INCH CENTERS BRIDGED NO  
 10 EXTERIOR Frame- Rustic BUILDING Finished  
 11 GROSS INCOME \$ EXPENSE \$ NET INCOME \$  
 12 DEPRECIATION: COND. 23 % OBSLSE. % ECON. SUIT. % TOTAL %  
 YEAR BUILT 1917 REMODELED  
 EFFECTIVE AGE 19 YEARS FUTURE LIFE // YEARS  
 DIMENSIONS 12 x 12 & 12 x 20 SQUARE FT. AREA CUBIC FT.

INTERIOR  
 3 Ceiled 3/8 beamed ceiling  
 FLOORS Fir 1 x 4"  
 FIRE PLACE None  
 PLUMBING None  
 TILE WORK None  
 WIRING  
 HEATING Stove  
 ELEVATORS None  
 CEILING - HEIGHT 1st floor 8'



384

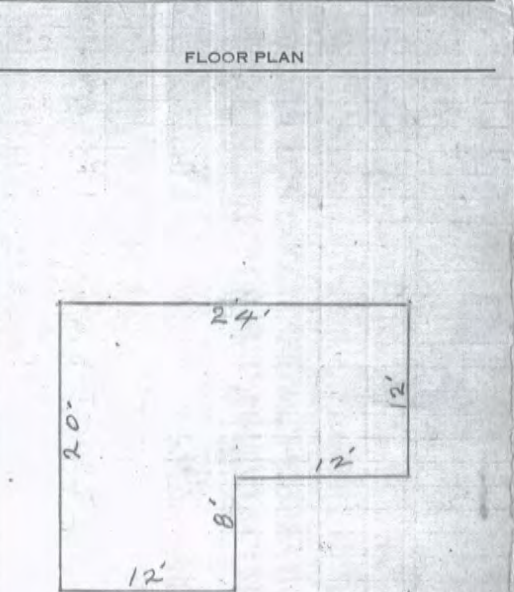
IMPROVEMENT VALUE  
 MAIN BUILDING \$  
 OTHER BUILDINGS \$  
 TOTAL \$ 80  
 ASSESSED VALUE 50% \$ 40  
 DATE 2/23/38

LAND INFORMATION  
 1. SIZE X Level, On grade  
 2. STREET - ROAD Graded  
 3. SIDEWALK None  
 4. LANDSCAPING None  
 5. TREND VALUE \$ Up  
 6. Use Industrial  
 7. DISTRICT Medium- Old

OTHER BUILDINGS	CONSTRUCTION	FLOOR	ROOF	STY.	DIMENSION	AREA	VALUE

OWNER OR CONTRACT PURCHASER	DATE	FILE NO.	PRICE	MTGE.	STAMP
<i>Northwest Savings</i>	<i>5-16-32</i>	<i>E 45361</i>	<i>15000</i>		
<i>Rev Seattle Co</i>	<i>10/16/50</i>	<i>A 238 303</i>	<i>25 600 000</i>		
<i>BOEING AIRPLANE CO</i>	<i>10/16/50</i>	<i>E 245731</i>	<i>225 000</i>		

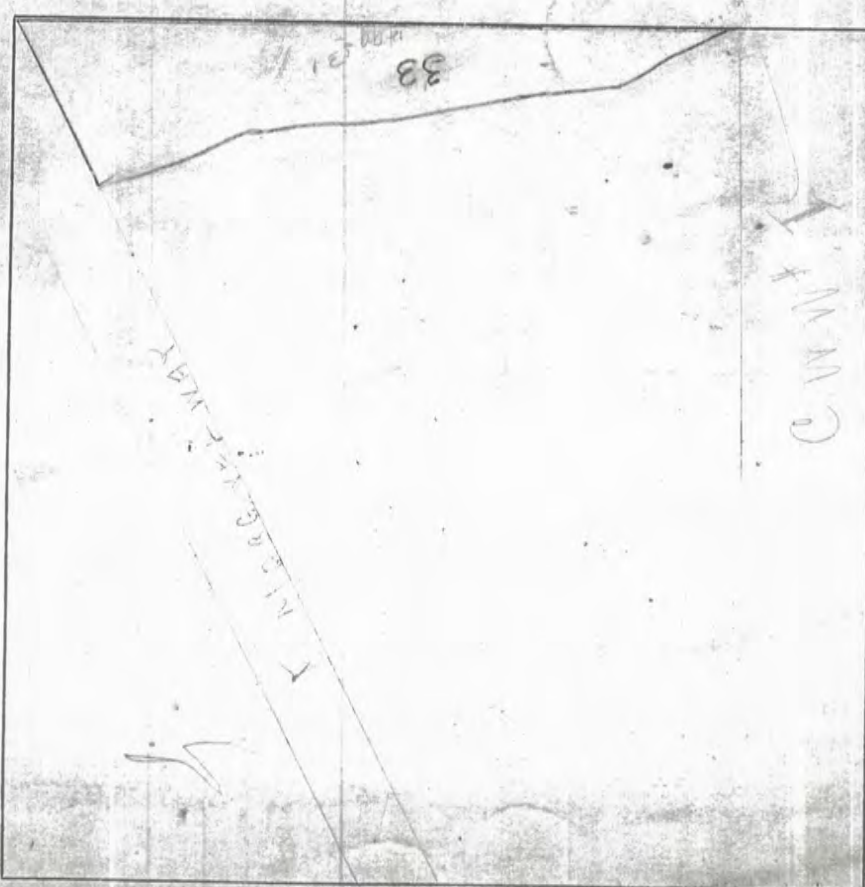


REMARKS There is a shed roof, used for protection for cars during the day, but has no A.V. this building was built for a yard office but is not being used now, as the mill has been shut down for about two years.

ALSO BLDGS A & B - 8801 - E MARGINAL WAY



DISTRICT		ROAD	SCHOOL	WATER	FIRE	SEWER	HSPIT.	AIRPT.	FERRY	VALUATION				
		2	1											
RECORD OF ASSESSED VALUE											LAND		BUILDING	
YEAR	AC.	LAND	BLDG.	TOTAL	DATE	BY	REASON	DECREASE	INCREASE	DECREASE	INCREASE			
1938		5950	8100	14370										
1939			320				Including							
1940		5950	8420	14370			Spur track							
1944		7830	8420	16250	3-28-43	F								
1945		7830	2210	15040	5-26-44	M.D.								
1946		7830	3000	10830	5-45	GP	Dock platform torn down other improvements							
1946		7830	100	7930	6-45	GP	Plat OK for 1949							
1949	73	13640	100	13740			for mileage rate from 1970 to 10400.							
1953		17500		17600	2-52									
1957		17500		17500	5-21-50	DGC	Rev. all things void checked.							



BLOCK No. \_\_\_\_\_  
 LOT No. \_\_\_\_\_  
 PARCEL No. \_\_\_\_\_  
 TAX LOT No. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

PLAT MAP  
 QUARTER MAP  
 AERIAL PHOTO  
 23188A  
 5000

SECTION 5  
 RANGE 4  
 TWP 26  
 5000

LAND CLASSIFICATION AND SEGREGATION

Date: 11/3/05

Tukwila Fire Department  
**OPERATIONAL PERMIT**

607-05

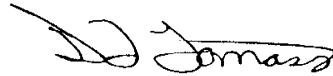
By virtue of The Provisions of the International Fire Code adopted by City of Tukwila Ordinance,  
Anthony Construction Company, Inc. located at 8811 East Marginal Way South

having made application in due form, and as the conditions, surrounding, and arrangements are, in my opinion, such that the intent of the Ordinance can be observed, authority is hereby given and the PERMIT is granted for "To install, alter, remove, abandon or otherwise dispose of a flammable or combustible liquid tank per Chapter 34 of the International Fire Code"

This PERMIT is issued and accepted on condition that all Ordinance provisions now adopted, or that may hereafter be adopted, shall be complied with.

THIS PERMIT IS VALID FOR \_\_\_\_\_ -Ninety Days- \_\_\_\_\_

This permit does not take the place of any License required by law and is not transferable. Any change in use or occupancy of premises shall require a new permit



\_\_\_\_\_  
Fire Marshal

**THIS PERMIT MUST BE POSTED ON THE PREMISES MENTIONED ABOVE**

T.F.D./E.P. #2



# CITY OF TUKWILA

Permit Center  
6300 Southcenter Boulevard, Suite 100  
Tukwila, WA 98188  
(206) 431-3670

## FOR STAFF USE ONLY

Project Number: \_\_\_\_\_  
Permit Number: **MI02-176**

### Miscellaneous Permit Application

Application and plans must be complete in order to be accepted for plan review.  
Applications will not be accepted through the mail or facsimile.

Project Name/Tenant: <b>BRING TRANSFER PAD</b>	Value of Construction: <b>15,000.00</b>
Site Address: <b>8811 E. MARGINAL WAY SO</b>	Tax Parcel Number: <b>0007400033</b>
Property Owner: <b>BOEING CO.</b>	Phone: ( )
Street Address: <b>P.O. Box 3707 m/s 46-88 SEATTLE WA</b>	Fax #: ( )
Contractor: <b>SELF</b>	Phone: ( )
Street Address: <b>BOEING 294 ML</b>	Fax #: ( )
Architect:	Phone: ( )
Street Address:	Fax #: ( )
Engineer:	Phone: ( )
Street Address:	Fax #: ( )
Contact Person: <b>RICK FORD</b>	Phone: <b>(206)</b>
Street Address: <b>SAA</b>	<b>655-9888</b> Fax #: ( )

#### MISCELLANEOUS PERMIT REVIEW AND APPROVAL REQUESTED: (TO BE FILLED OUT BY APPLICANT)

Description of work to be done (please be specific):  
**CONSTRUCT 10' x 20' PAD FOR TRANSFER OF DIESEL FUEL FROM TRUCK TO TANK, DRAIN PAD TO OIL/WATER SEPARATOR.**

Will there be storage of flammable/combustible hazardous material in the building?  yes  no  
Attach list of materials and storage location on separate 8 1/2 X 11 paper indicating quantities & Material Safety Data Sheets

- |   |  |  |  |
|---|--|--|--|
| <input type="checkbox"/> Above Ground Tanks | <input type="checkbox"/> Antennas/Satellite Dishes | <input type="checkbox"/> Bulkhead/Docks                        | <input type="checkbox"/> Commercial Reroof |
| <input type="checkbox"/> Demolition         | <input type="checkbox"/> Fence                     | <input type="checkbox"/> Manufactured Housing-Replacement only |  |
| <input type="checkbox"/> Parking Lots       | <input type="checkbox"/> Retaining Walls           | <input type="checkbox"/> Temporary Facilities                  | <input type="checkbox"/> Tree Cutting      |

#### APPLICANT REQUEST FOR MISCELLANEOUS PUBLIC WORKS PERMITS

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Channelization/Striping  | <input type="checkbox"/> Curb cut/Access/Sidewalk   | <input type="checkbox"/> Fire Loop/Hydrant (main to vault)#: _____ Size(s): _____ |
| <input type="checkbox"/> Flood Control Zone   | <input type="checkbox"/> Land Altering: <input type="radio"/> Cut _____ cubic yards <input type="radio"/> Fill _____ cubic yards <input type="radio"/> _____ sq. ft. grading/clearing |   |
| <input type="checkbox"/> Landscape Irrigation   | <input type="checkbox"/> Sanitary Side Sewer #: _____ <input type="checkbox"/> Sewer Main Extension <input type="radio"/> Private <input type="radio"/> Public                        |   |
| <input type="checkbox"/> Storm Drainage   | <input type="checkbox"/> Street Use <input type="checkbox"/> Water Main Extension <input type="radio"/> Private <input type="radio"/> Public  |   |
| <input type="checkbox"/> Water Meter /Exempt # _____ Size(s): _____                                       | <input type="radio"/> Deduct <input type="radio"/> Water Only   |   |
| <input type="checkbox"/> Water Meter /Permanent # _____ Size(s): _____                                    |   |   |
| <input type="checkbox"/> Water Meter Temp # _____ Size(s): _____ Est. quantity: _____ gal Schedule: _____ |   |   |
| <input type="checkbox"/> Miscellaneous  | <input type="checkbox"/> Moving Oversized Load/Hauling  |   |

#### MONTHLY SERVICE BILLINGS TO:

Name:	Phone:
Address:	City/State/Zip:
<input type="radio"/> Water <input type="radio"/> Sewer <input type="radio"/> Metro <input type="radio"/> Standby	

#### WATER METER DEPOSIT/REFUND BILLING:

Name:	Phone:
Address:	City/State/Zip:

Value of Construction - In all cases, a value of construction amount should be entered by the applicant. This figure will be reviewed and is subject to possible revision by the Permit Center to comply with current fee schedules.

Expiration of Plan Review - Applications for which no permit is issued within 180 days following the date of application shall expire by limitation. The building official may extend the time for action by the applicant for a period not exceeding 180 days upon written request by the applicant as defined in Section 107.4 of the Uniform Building Code (current edition). No application shall be extended more than once.

Date application accepted: <b>10/28/02</b>	Date application expires: <b>01/28/03</b>	Application taken by (initials): <b>WAC</b>
---	--	--



Date: 7/30/98

No. 482-98

TUKWILA FIRE DEPARTMENT  
SPECIAL PERMIT

BY virtue of The Provisions of the Uniform Fire Code adopted by City of Tukwila Ordinance,

Boeing Bldg. #14-13 located at 8701 East Marginal Way South  
Business Name Business Address

having made application in due form, and as the conditions, surroundings, and arrangements are, in my opinion, such that the intent of the Ordinance can be observed, authority is hereby given and this PERMIT is granted for <sup>\*To use,</sup> store, handle or sell flammable/combustible liquids in aboveground storage tanks per article 79.902c and City Ordinance #1741\*

This PERMIT is issued and accepted on condition that all Ordinance provisions now adopted, or that may hereafter be adopted, shall be complied with.

THIS PERMIT VALID FOR -Eighteen Calendar Months-

This permit does not take the place of any license required by law and is not transferable. Any change in the use or occupancy of premises shall require a new permit.



Fire Marshal

THIS PERMIT MUST BE POSTED ON THE PREMISES MENTIONED ABOVE

T.F.D./F.P. #2

Date: 1/14/03

117-03

Tukwila Fire Department  
SPECIAL PERMIT

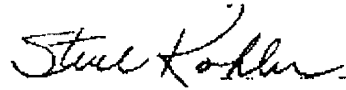
By virtue of The Provisions of the Uniform Fire Code adopted by City of Tukwila Ordinance,  
Boeing Company Building #14-13 located at 8701 East Marginal Way South

having made application in due form, and as the conditions, surrounding, and arrangements are, in my opinion, such that the intent of the Ordinance can be observed, authority is hereby given and the PERMIT is granted for \*To use, store, handle or sell flammable or combustible liquids in cabinets per 79.201-79.201g of the Uniform Fire Code\*

This PERMIT is issued and accepted on condition that all Ordinance provisions now adopted, or that may hereafter be adopted, shall be complied with.

THIS PERMIT IS VALID FOR \_\_\_\_\_ -Thirty-six Calendar Months- \_\_\_\_\_

This permit does not take the place of any License required by law and is not transferable. Any change in use or occupancy of premises shall require a new permit



\_\_\_\_\_  
Fire Marshal

THIS PERMIT MUST BE POSTED ON THE PREMISES MENTIONED ABOVE

T.F.D./F.P. #2

Date: 10/11/01

Tukwila Fire Department  
**SPECIAL PERMIT**

629-01  
630-01  
631-01  
632-01  
633-01

By virtue of The Provisions of the Uniform Fire Code adopted by City of Tukwila Ordinance,,

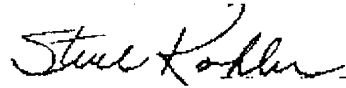
Boeing Company Building #14-01 located at 8701 East Marginal Way South

having made application in due form, and as the conditions, surrounding, and arrangements are, in my opinion, such that the intent of the Ordinance can be observed, authority is hereby given and the PERMIT is granted for \*To use, store, handle or sell flammable/combustible liquids in cabinets per 79.201-79.201g of the Uniform Fire Code\*To store, transport on site, dispense, use or handle hazardous materials in excess of the amounts listed in table #4.108-c or to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a storage facility or other area regulated by article 80 when the hazardous materials in use or storage exceed the amounts listed in Table #4.108-c of the U.F.C.\*To conduct hot work operations per U.F.C. 105.8-h.3\*To use any building or portion thereof exceeding 500 sq. ft. for high-piled combustible storage per article 81 of the U.F.C.\*To produce, store or handle cryogenics in excess of the amounts listed in table #105-B per U.F.C. 105.8-c.9\*

This PERMIT is issued and accepted on condition that all Ordinance provisions now adopted, or that may hereafter be adopted, shall be complied with.

THIS PERMIT IS VALID FOR                     -Thirty-six Months-                    

This permit does not take the place of any license required by law and is not transferable. Any change in use or occupancy of premises shall require a new permit



\_\_\_\_\_  
Fire Marshal

**THIS PERMIT MUST BE POSTED ON THE PREMISES MENTIONED ABOVE**

T.F.D./F.P. #2

8000 EMM

Date: 6/29/94

No. 354-94  
355-94

### TUKWILA FIRE DEPARTMENT SPECIAL PERMIT

BY virtue of The Provisions of the Uniform Fire Code adopted by City of Tukwila Ordinance.

Baugh Industrial Contractors, Inc. located at 8701 East Marginal Way South  
Business Name Boeing Business Address Bldg. #14-01

having made application in due form, and as the conditions, surroundings, and arrangements are, in my opinion, such that the intent of the Ordinance can be observed, authority is hereby given and this PERMIT is granted for \*To install or maintain any liquefied petroleum gas (LPG) containers of more than 120 gallons water capacity per 82.102 of the Uniform Fire Code\* To conduct welding and/or cutting operations per 49.102 of the U.F.C.\*

This PERMIT is issued and accepted on condition that all Ordinance provisions now adopted, or that may hereafter be adopted, shall be complied with.

THIS PERMIT VALID FOR -June 29, 1994 thru March 31, 1995-

This permit does not take the place of any license required by law and is not transferable. Any change in the use or occupancy of premises shall require a new permit.

*Mike Alderson*

Fire Marshal

THIS PERMIT MUST BE POSTED ON THE PREMISES MENTIONED ABOVE

Date: 12/2/03

688-03

**Tukwila Fire Department  
SPECIAL PERMIT**

By virtue of The Provisions of the Uniform Fire Code adopted by City of Tukwila Ordinance,

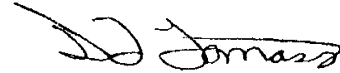
1-1-01 Boeing Company located at 8701 East Marginal Way South

having made application in due form, and as the conditions, surrounding, and arrangements are, in my opinion, such that the intent of the Ordinance can be observed, authority is hereby given and the PERMIT is granted for \*To install or remove any flammable or combustible liquid tank per 7901.3.1 of the Uniform Fire Code\*

This PERMIT is issued and accepted on condition that all Ordinance provisions now adopted, or that may hereafter be adopted, shall be complied with.

THIS PERMIT IS VALID FOR \_\_\_\_\_ -Ninety Days- \_\_\_\_\_

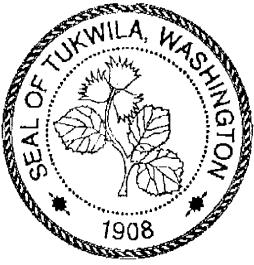
This permit does not take the place of any License required by law and is not transferable. Any change in use or occupancy of premises shall require a new permit



\_\_\_\_\_  
Fire Marshal

**THIS PERMIT MUST BE POSTED ON THE PREMISES MENTIONED ABOVE**

T.F.D./E.P. #2



# *City of Tukwila*

*Fire Department*

*Steven M. Mullet, Mayor*

*Nicholas J. Olivas, Fire Chief*

December 19, 2003

The Boeing Company  
P.O. Box 3707  
Seattle, WA 98124-2207

Attn: Rick Ford

Subject: UST Removal (TS 01) at the 14-01, permit 688-03 dated 12/2/03

Dear Mr. Ford,

I concur with your letter dated December 8, 2003, that the 30 - day notification required by WAC 173-360-110 (2)(h) is not required for the above referenced tank removal. Please ensure that one of my Inspectors is on site at the time of removal to verify proper procedures are adhered to during the abandonment of this UST.

Sincerely,

A handwritten signature in black ink, appearing to read "Don Tomaso".

Capt. Don Tomaso  
Fire Marshal  
City of Tukwila

The Boeing Company  
P.O. Box 3707  
Seattle, WA 98124-2207

January 8, 2004

**FILE**

Tukwila Fire Department  
Headquarters Station 51  
444 Andover Park East  
Tukwila, WA 98188

Attention: Captain Donald Tomaso

Subject: Building 14-02 - Underground Heating Oil Tank

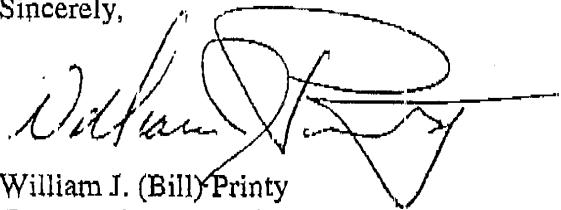
Dear Captain Tomaso,

In accordance with the current guidelines for tank removal, we are here-in requesting approval from the Tukwila Fire Department to leave subject tank in the ground since removal of the tank will create structural failures to the canopy footings and concrete apron surrounding the tank. In addition, removal of the tank also risks damage to the emergency generator fuel supply tank and containment area, and will disturb the bedding material supporting the six inch gas main that is adjacent to the tanks.

Due to these conditions we are requesting authorization to leave the cleaned tank in place with the provision that the top be removed and the remaining shell filled with slurried cement.

We will appreciate your contacting the undersigned if you should have further questions, and with the necessary approval documents that will allow us to proceed with the project.

Sincerely,



William J. (Bill) Printy  
Construction Administrator  
Boeing Workplace Services Major Projects  
206-544-6797  
e-mail: [william.j.printy@boeing.com](mailto:william.j.printy@boeing.com)

Approved  
1-9-04  
Am 511



**MARINE CHEMIST CERTIFICATE**

**SERIAL No 44573**

Survey Requested by ANTHONY Vessel Owner or Agent \_\_\_\_\_ Date JANUARY 9 2004  
 Vessel 20,000 - GAL Type of Vessel STEEL UST Specific Location of Vessel JUST WEST OF BLDG 1402  
 Last Three (3) Loadings DIESEL Tests Performed O<sub>2</sub>, LEL, VISUAL Time Survey Completed 9:50 AM

20,000 - GAL UST — INERT (O<sub>2</sub> < 5%)

— SAFE FOR HOT WORK

*HOT WORK  
 COMPLETE  
 AT 10:30 AM*

In the event of any physical or atmospheric changes adversely affecting the gas-free condition of the above spaces, or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist

QUALIFICATIONS: Transfer of ballast or manipulation of valves or closure equipment tending to alter conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires inspection and endorsement or release of Certificate for the spaces so affected. All lines, vents, heating coils, valves, and similarly enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated.

**STANDARD SAFETY DESIGNATIONS**

**SAFE FOR WORKERS.** Means that in the compartment or space so designated (a) the oxygen content of the atmosphere is at least 19.5 percent by volume, and that (b) toxic materials in the atmosphere are within permissible concentrations, and that, (c) the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Marine Chemist's Certificate

**NOT SAFE FOR WORKERS.** Means that in the compartment or space so designated, the requirements of Safe for Workers has not been met.

**SAFE FOR HOT WORK.** Means that in the compartment or space so designated: (a) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit; and that, (b) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit; and that, (c) the residues are not capable of producing a higher concentration than permitted by (b) above under existing atmospheric conditions in the presence of fire, and while maintained as directed on the Marine Chemist's Certificate; and further, that, (d) all adjacent spaces have been cleaned sufficiently to prevent the spread of fire, or are satisfactorily inerted, or, in the case of fuel tanks, or lube oil tanks, or engine rooms or fire room bilges, have been treated in accordance with the Marine Chemist's requirements.

**NOT SAFE FOR HOT WORK.** Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met

**CHEMIST'S ENDORSEMENT** This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306 Control of Gas Hazards on vessels and have found the condition of each to be in accordance with its assigned designation.

"The undersigned acknowledges receipt of this Certificate under Section 2-B of NFPA 306 and understands conditions and limitations under which it was issued."

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed [Signature] Name \_\_\_\_\_ Company FAW Date 1/9/04 Signed [Signature] Marine Chemist NO 598 Certificate No. \_\_\_\_\_

12:20

VESSEL POSTING



The Boeing Company  
P.O. Box 3707 MS Co 301  
Seattle, WA 98124-2207

December 8, 2003

Tukwila Fire Department  
Headquarters Station 51  
444 Andover Park East  
Tukwila, WA 98188

Attn: Captain Don Tomaso

Subject: UST Removal (TS 01) at the 14-01, permit 688-03 dated 12/2/03.

Dear Captain Tomaso,

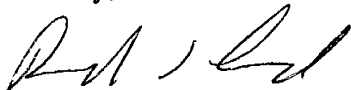
This letter is a follow up on the telephone conversation you had with Daniel Machut of Boeing SHEA regarding the removal requirements of the Boeing UST TS 01 at the Thompson site and the related 30 day notification requirement in Section C.2.a of your removal guidelines.

Underground tanks that contain heating oil for consumption on-site, such as tank TS 01, are exempt per WAC 173-360-110 (2)(h) from the 30 day notification required by WAC 173-360 for other tanks. Boeing does understand that we are not exempt from the remaining provisions of WAC 173-360-372 regarding spills and will comply with all other provisions of the WAC. Please note that this tank is listed as exempt in the Department of Ecology database.

It is critical that we receive your approval to proceed with this as our funding for removal of this tank is this years funding. It will create some budgetary hardships for Boeing if the Tukwila 30 day requirement is not waived.

Accordingly we request that you allow us to proceed with removal of this tank starting 12/10/03 and waive the 30 day Ecology notification requirement listed on your permit guidelines.

Sincerely,



Rick Ford  
206 854-1881



Date: December 12, 1989

No. 494-89

### TUKWILA FIRE DEPARTMENT SPECIAL PERMIT

BY virtue of The Provisions of the Uniform Fire Code adopted by City of Tukwila Ordinance,

1401 BOEING ADVANCED SYSTEMS located at 8701 East Marginal Way South  
Business Name Business Address

having made application in due form, and as the conditions, surroundings, and arrangements are, in my opinion, such that the intent of the Ordinance can be observed, authority is hereby given and this PERMIT is granted for \*To install, alter, remove, place temporarily out of service or otherwise dispose of any flammable or combustible liquid tank per 79.104 of the Uniform Fire Code\*

This PERMIT is issued and accepted on condition that all Ordinance provisions now adopted, or that may hereafter be adopted, shall be complied with.

THIS PERMIT VALID FOR December 12, 1989 thru January 12, 1990

This permit does not take the place of any license required by law and is not transferable. Any change in the use or occupancy of premises shall require a new permit.

\_\_\_\_\_  
Fire Marshal

**THIS PERMIT MUST BE POSTED ON THE PREMISES MENTIONED ABOVE**

T.F.D./F.P. #2

Northwest Marine Chemist  
P.O. Box 7084  
Tacoma, WA 98407  
752-0149

CEMIST CERTIFICATE  
SERIAL NO.  
ST-900111-2

The Boeing Co.

Survey Requested by

Tank Farm

Vessel

GASOLINE

Last Three (3) Cargoes

SAME

Vessel Owner or Agent

Underground Storage Tank

Type of Vessel

O<sub>2</sub>-LEL

Test Method

January 11, 1990

Date

Boeing Bldg 1402

Specific Location of Vessel

1030 hrs

Time Survey Completed

1,000 gal Tank

Not SAFE FOR WORKERS (SECURED)

SAFE FOR HOTWORK LESS  
11/15

This Tank Has been Inerted with CO<sub>2</sub> to 25% Oxygen, and  
IS SAFE FOR Excavation and Transportation.  
All openings ARE, and must remain Secured.

H.W. Man # A-0139

Boeing # HW-074

In the event of any physical or atmospheric changes adversely affecting the STANDARD SAFETY DESIGNATIONS assigned to any of the above spaces, or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist.

QUALIFICATIONS: Transfer of ballast or manipulation of valves or closure equipment tending to alter conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires inspection and endorsement or reissue of Certificate for the spaces so affected. All lines, vents, heating coils, valves, and similarly enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS (partial list, paraphrased from NFPA 306-1980, Subsections 1-6.1 through 1-6.4, and Subsection 5-3.2).

**SAFE FOR WORKERS:** Means that in the compartment or space so designated: (a) the oxygen content of the atmosphere is at least 19.5 percent by volume; and that, (b) toxic materials in the atmosphere are within permissible concentrations; and that, (c) the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Marine Chemist's Certificate.

**NOT SAFE FOR WORKERS:** Means that in the compartment or space so designated, the requirements of Safe for Workers has not been met.

**SAFE FOR HOT WORK:** Means that in the compartment so designated: (a) oxygen content of the atmosphere is at least 19.5 percent by volume, with the exception of inerted spaces or where external hot work is to be performed; and that, (b) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit; and that, (c) the residues are not capable of producing a higher concentration than permitted by (b) above under existing atmospheric conditions in the presence of fire, and while maintained as directed on the Marine Chemist's Certificate; and further, that, (d) all adjacent spaces containing or having contained flammable or combustible materials have been cleaned sufficiently to prevent the spread of fire, or are satisfactorily inerted, or, in the case of fuel tanks or lube oil tanks or engine room or fire room bilges, have been treated in accordance with the Marine Chemist's requirements.

**NOT SAFE FOR HOT WORK:** Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met.

**CHEMIST'S ENDORSEMENT.** This is certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306-1980 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

"The undersigned acknowledges receipt of this Certificate under Section 2-3 of NFPA 306-1980 and understands conditions and limitations under which it was issued."

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed Kathy M. Lintal 1/11/90  
Name Company Date

Signed Steven D. Blum #637  
Marine Chemist Certificate No.



1411 PP

**ANALYTICAL  
RESOURCES  
INCORPORATED**

Analytical  
Chemists &  
Consultants

333 Ninth Ave. North  
Seattle, Wa 98109-5187  
(206) 621-6490

**ORGANICS ANALYSIS DATA SHEET  
METHOD 624/8240**

Sample: **Method Blank**

Lab ID: 0112MB  
Matrix: Soil/Sediment

QC Report No: 4400-Tech. Dryer  
Project No:  
Date Received: 01/11/90

Data Release Authorized: *Barbara H. Leber*  
Report prepared 01/12/90 - MAC:E

Instrument: FINN V  
Date Analyzed: 01/12/90

Amount Analyzed: 5.0 g (equiv. dry wt.)  
Percent Moisture: NA  
pH: NA

CAS Number		µg/Kg
71-43-2	Benzene	1.0U
108-88-3	Toluene	1.0U
100-41-4	Ethylbenzene	1.0U
1330-20-7	Total Xylenes	2.0U

**Surrogate Recoveries**

d8-Toluene	92.9%
Bromofluorobenzene	95.0%
d4-1,2-Dichloroethane	100%

**Data Reporting Qualifiers**

Value	If the result is a value greater than or equal to the detection limit, report the value.	B	This flag is used when the analyte is found in the blank as well as a sample. Indicates possible/probable blank contamination.
U	Indicates compound was analyzed for but not detected at the given detection limit.	K	This flag is used when quantitated value falls above the limit of the calibration curve and dilution should be run.
J	Indicates an estimated value when result is less than specified detection limit.	M	Indicates an estimated value of analyte found and confirmed by analyst but with low spectral match parameters.



**ANALYTICAL  
RESOURCES  
INCORPORATED**

Analytical  
Chemists &  
Consultants

333 Ninth Ave. North  
Seattle, Wa 98109-5187  
(206) 621-6490

**ORGANICS ANALYSIS DATA SHEET  
METHOD 624/8240**

Sample: **Comp. 14-11 PP Tank, 1/11**

Lab ID: 4400A  
Matrix: Soil/Sediment

QC Report No: 4400-Tech. Dryer

Project No:

Date Received: 01/11/90

Data Release Authorized: *[Signature]*  
Report prepared 01/12/90 - MAC:E

Instrument: FINN V  
Date Analyzed: 01/12/90

Amount Analyzed: 4.43 g (dry wt.)  
Percent Moisture: 11.4%  
pH: NA

CAS Number		µg/Kg
71-43-2	Benzene	0.7 M
108-88-3	Toluene	1.5
100-41-4	Ethylbenzene	2.7
1330-20-7	Total Xylenes	7.2

**Surrogate Recoveries**

d8-Toluene	93.9%
Bromofluorobenzene	95.0%
d4-1,2-Dichloroethane	101%

**Data Reporting Qualifiers**

Value	If the result is a value greater than or equal to the detection limit, report the value.	B	This flag is used when the analyte is found in the blank as well as a sample. Indicates possible/probable blank contamination.
U	Indicates compound was analyzed for but not detected at the given detection limit.	K	This flag is used when quantitated value falls above the limit of the calibration curve and dilution should be run.
J	Indicates an estimated value when result is less than specified detection limit.	M	Indicates an estimated value of analyte found and confirmed by analyst but with low spectral match parameters.

**BOEING THOMPSON SITE 8701 E/MARG. WAYS.**  
**TEST RESULTS**

Please print or type (Form designed for use on elite (12.5) typewriter.) Form Approved. OMB No. 2050-0039. Expires 9-30-91

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>	1. Generator's US EPA ID No. <b>WAD 980 982 912</b>	Manifest Document No. <b>A0139</b>	2. Page of <b>1 OF 1</b>	Information in the shaded areas is not required by federal law.
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3. Generator's Name and Mailing Address  
**THE BOEING COMPANY - THOMPSON SITE**

**P.O. BOX 3707, M/S 6U-02, SEATTLE, WA 98124-2207 M/S 6U-02**

4. Generator's Phone **(206) 277-3933 (206) 393-8199**

5. Transporter 1 Company Name **RESOURCE RECOVERY** 6. US EPA ID Number **WAD 061 672 812**

7. Transporter 2 Company Name 8. US EPA ID Number

9. Designated Facility Name and Site Address **CHEMICAL PROCESSORS, INC - KENT** 10. US EPA ID Number

**20245 76TH AVE SO KENT, WA 98032** 11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

**HM (✓) X EMPTY - LAST CONTAINED FLAMMABLE LIQUID, N.O.S. FLAMMABLE LIQUID UN 1993 (GASOLINE)**

12. Containers No. **1** Type **CM** 13. Total Quantity **Less than 5** 14. Unit **G** 15. Waste No. **0001**

**FILE**

**15. SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION**

PICKUP DATE/TIME: **01/11/90** 1300 AM/PM  
 SCHEDULED DATE: **15** 14-02  
 WASTE LOCATION: PLANT **45F1007** BLDG. **14-02** DOOR COL TANK **ISAACSON**  
 SCHEDULED TRUCK NUMBER ACTUAL TRUCK NUMBER

PLACARD TRUCK:  COMBUSTIBLE,  FLAMMABLE,  CORROSIVE,  DRIVE SAFELY,  OTHER

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name **Robby M. Kimball** Signature **Robby M. Kimball** On Behalf of THE BOEING CO. Month Day Year **1/11/90**

17. Transporter 1 Acknowledgement of Receipt of Materials  
 Printed/Typed Name **ROGER MCATEE** Signature **Roger Mcatee** Month Day Year **1-11-90**

18. Transporter 2 Acknowledgement of Receipt of Materials  
 Printed/Typed Name Signature Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.  
 Printed/Typed Name Signature Month Day Year

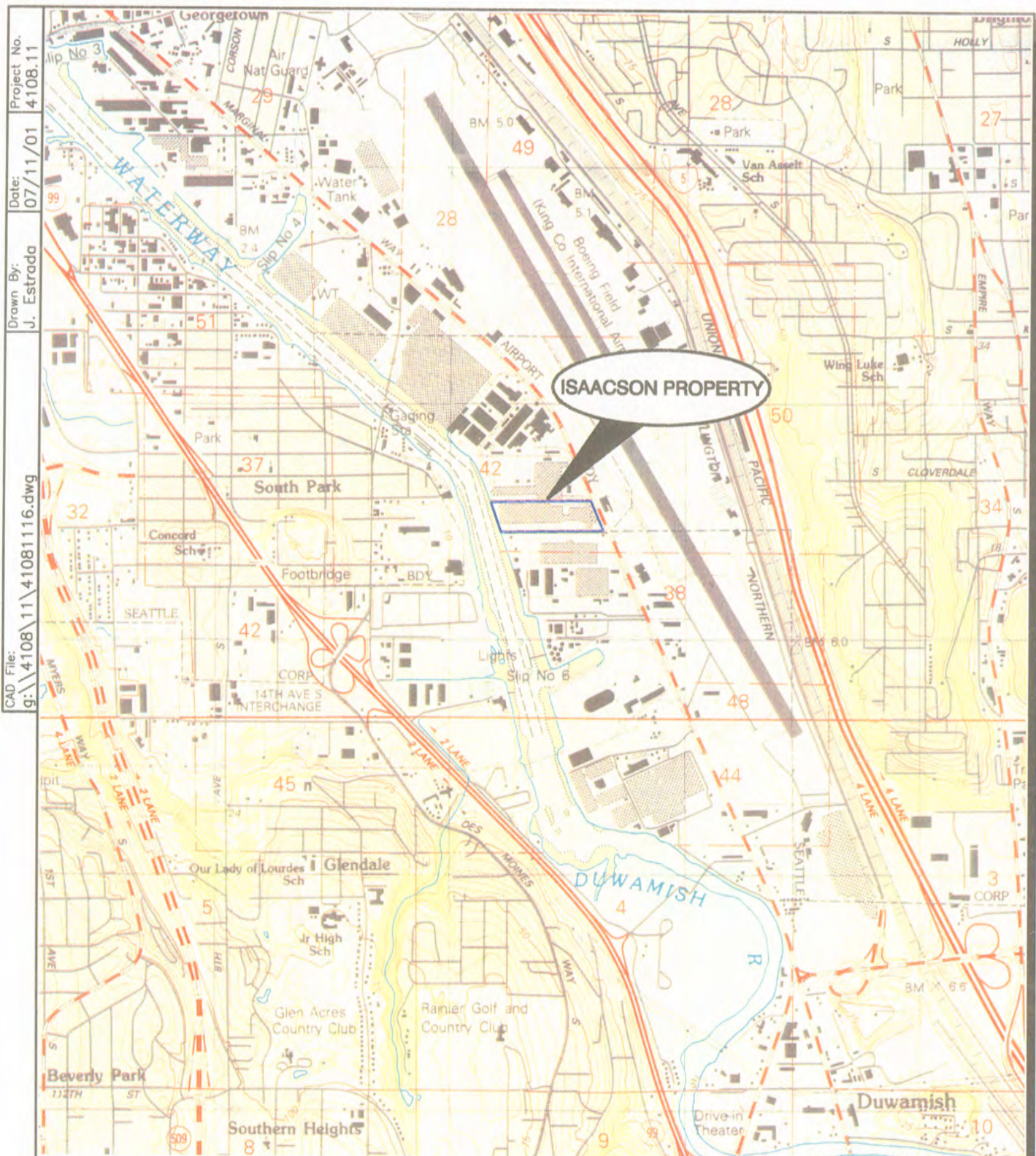
GENERATOR

TRANSPORTER

FACILITY

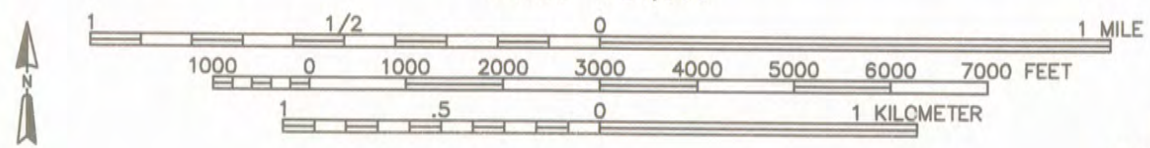
# Figures from Previous Site Investigations





Project No. 4108.11  
 Date: 07/11/01  
 Drawn By: J. Estrada  
 CAD File: g:\4108\11\41081116.dwg

SCALE 1:24,000



References:  
 U.S.G.S. 7.5 Minute Series  
 (Topographic-Bathymetric) Quadrangle,  
 Seattle South, Washington  
 Dated: 1983

**Figure 1**  
*Site Vicinity*  
*Former Isaacson Steel Site*  
*Seattle, Washington*



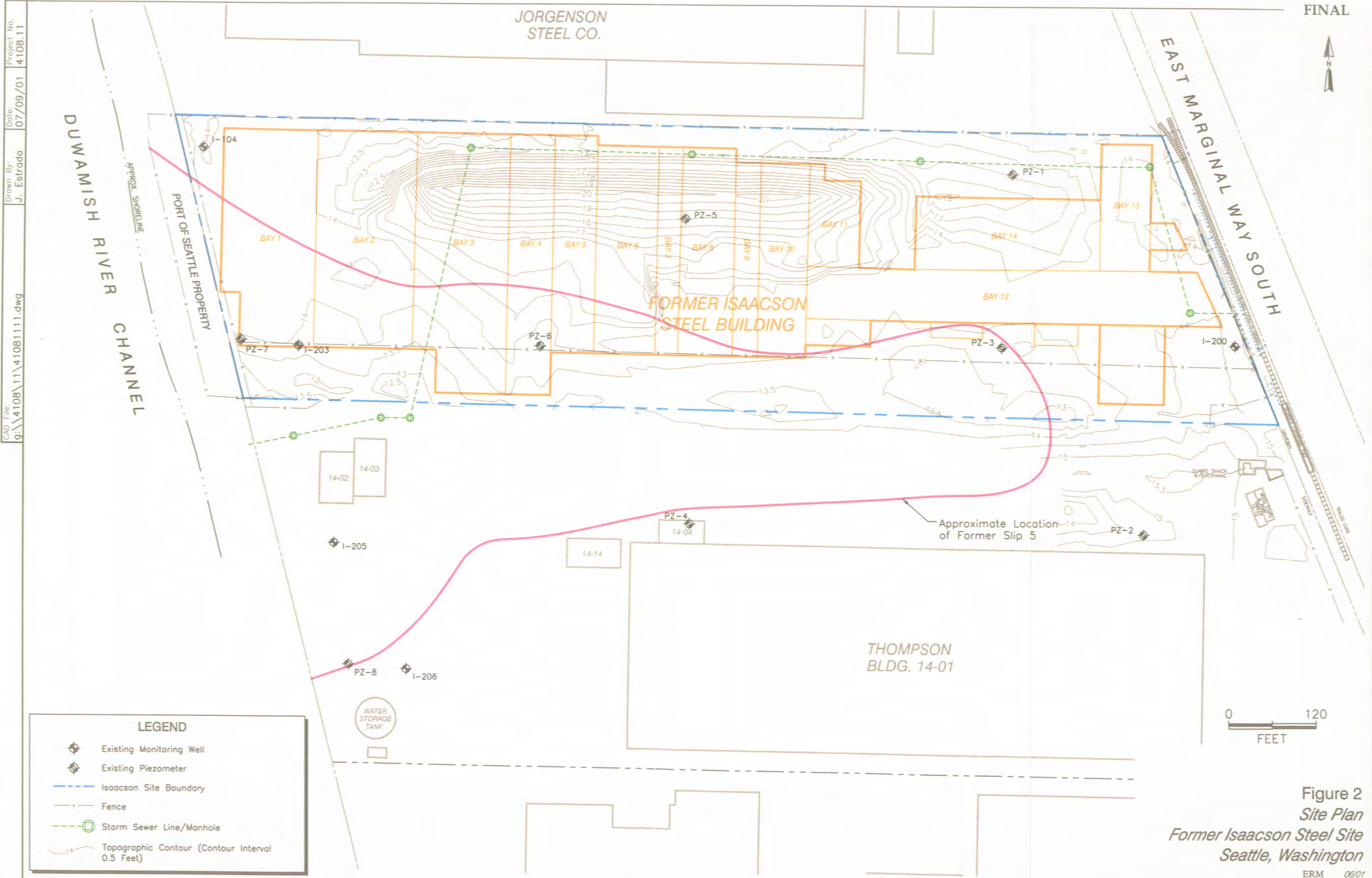


Figure 2  
 Site Plan  
 Former Isaacson Steel Site  
 Seattle, Washington



Project No.  
4108.11

Date:  
07/09/01

Drawn By:  
J. Estrada

CAD File:  
g:\4108\11\41081115.dwg

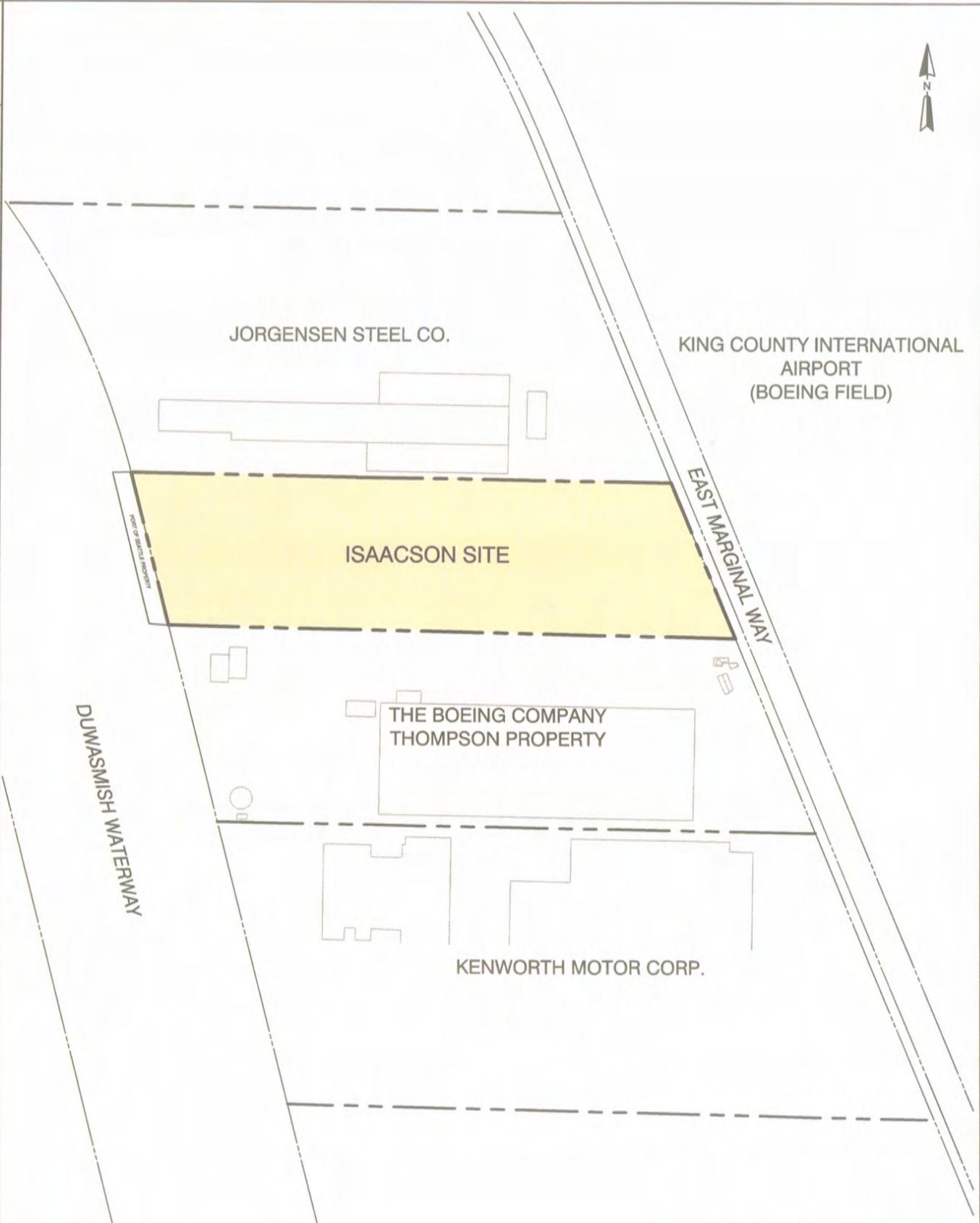


Figure 3  
*Land Use in Site Vicinity  
 Former Isaacson Steel Site  
 Seattle, Washington*



View to West-Northwest

Figure 4  
*Site Photograph 1 - June 2001*  
*Former Isaacson Steel Site*  
*Seattle, Washington*



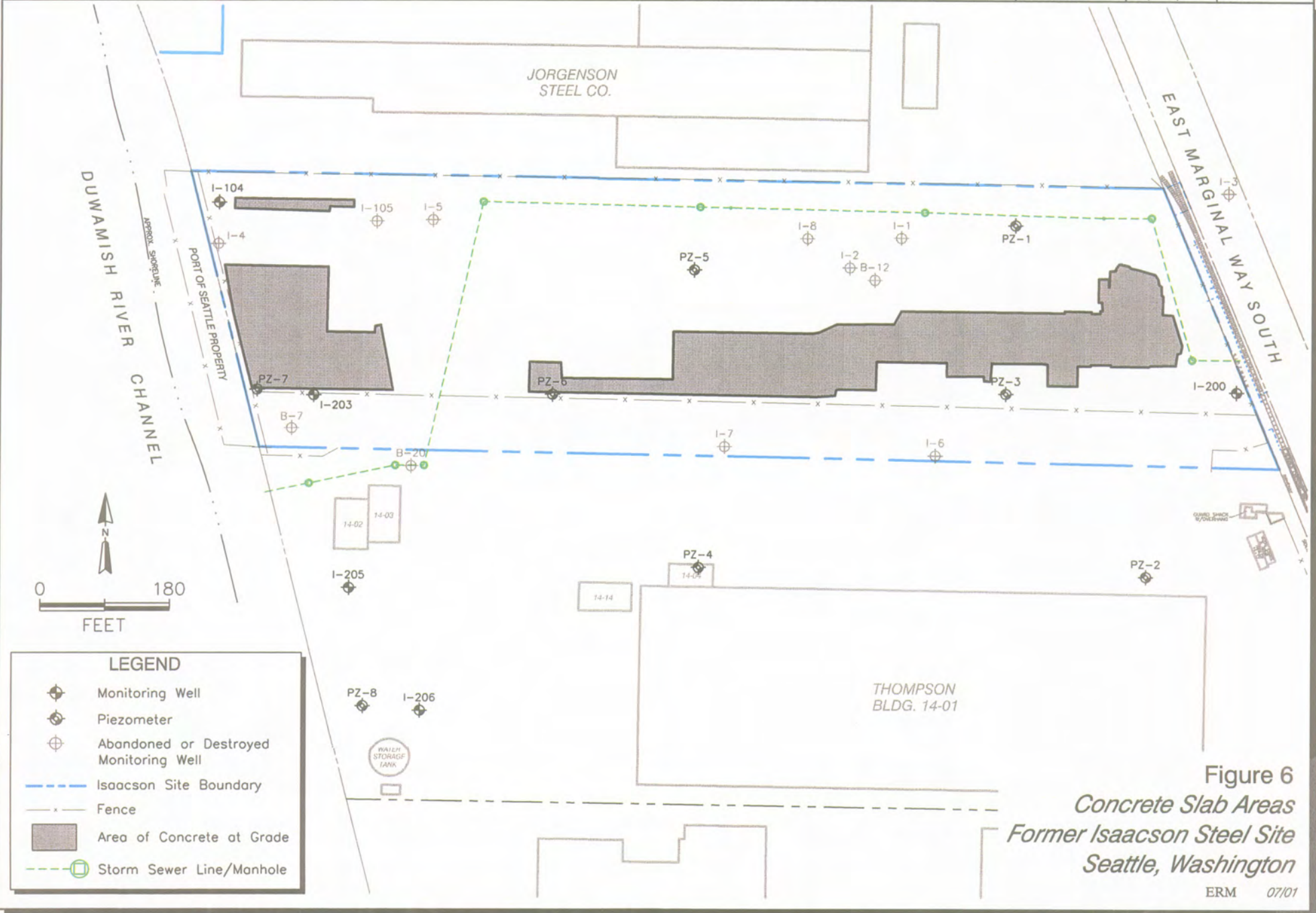


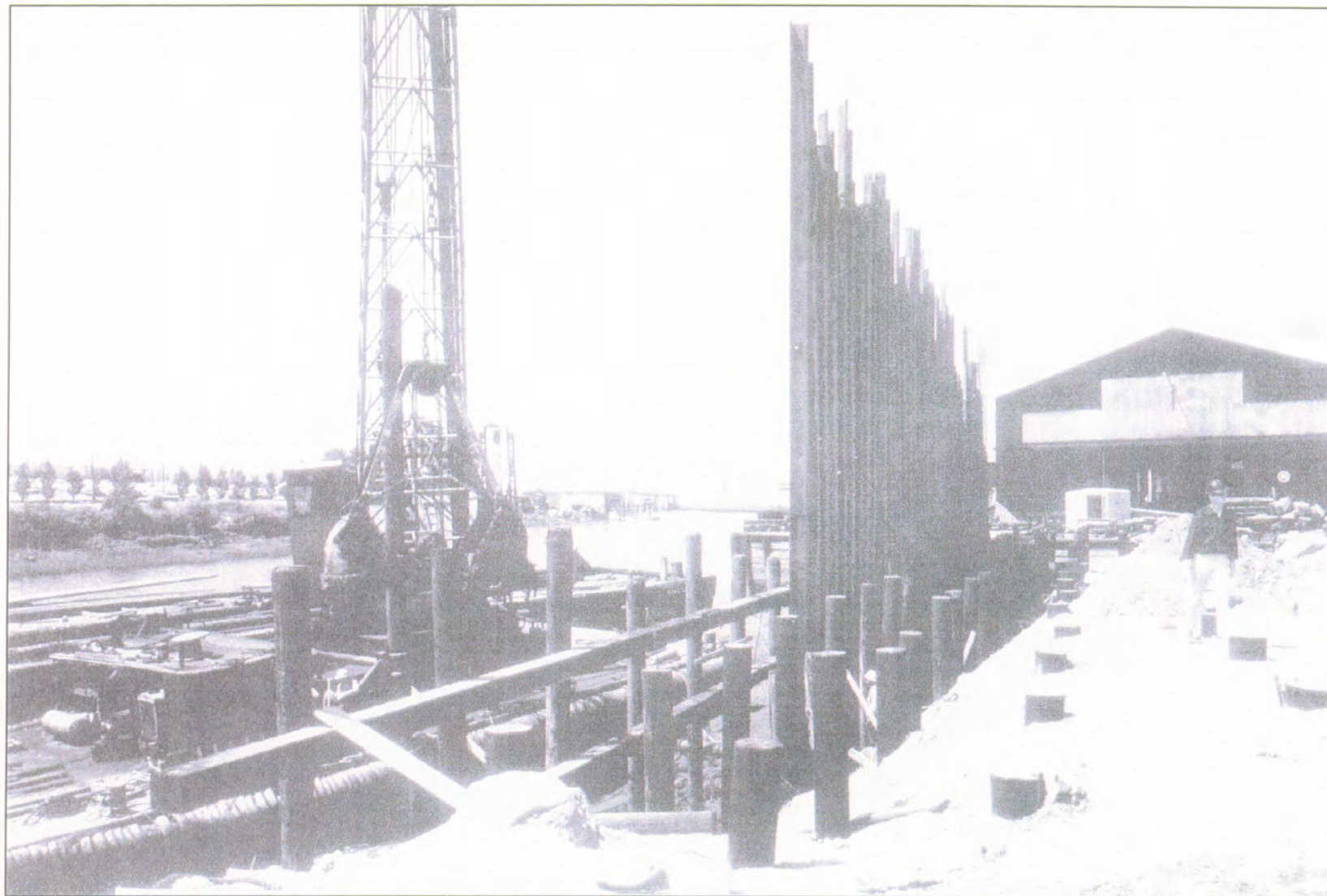
View to West

Figure 5  
*Site Photograph 2 - June 2001*  
*Former Isaacson Steel Site*  
*Seattle, Washington*

ERM 07/01



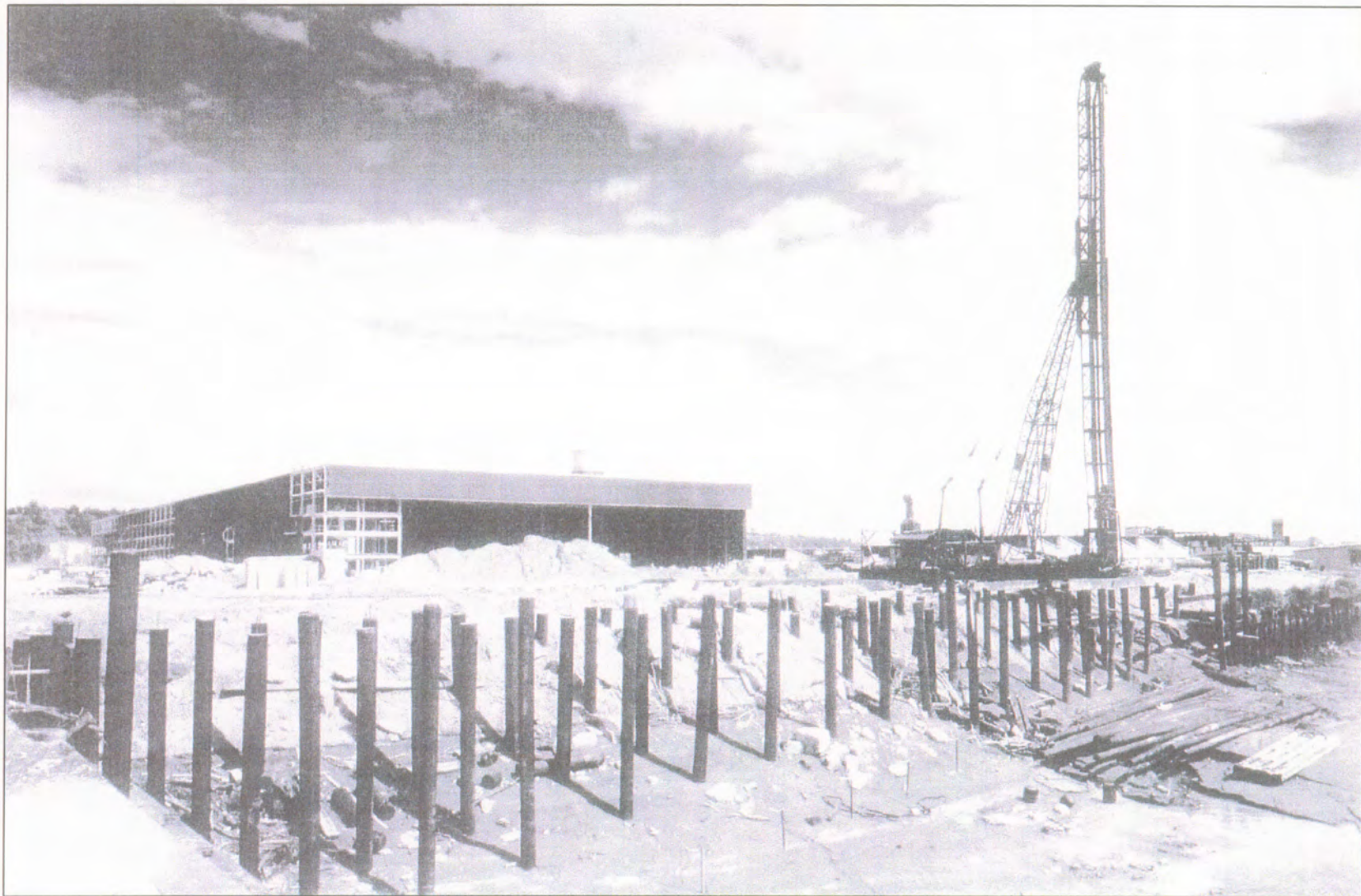




View to North

Figure 7  
*Pier and Bulkhead Construction North of Slip 5 - July 1966*  
*Former Isaacson Steel Site*  
*Seattle, Washington*

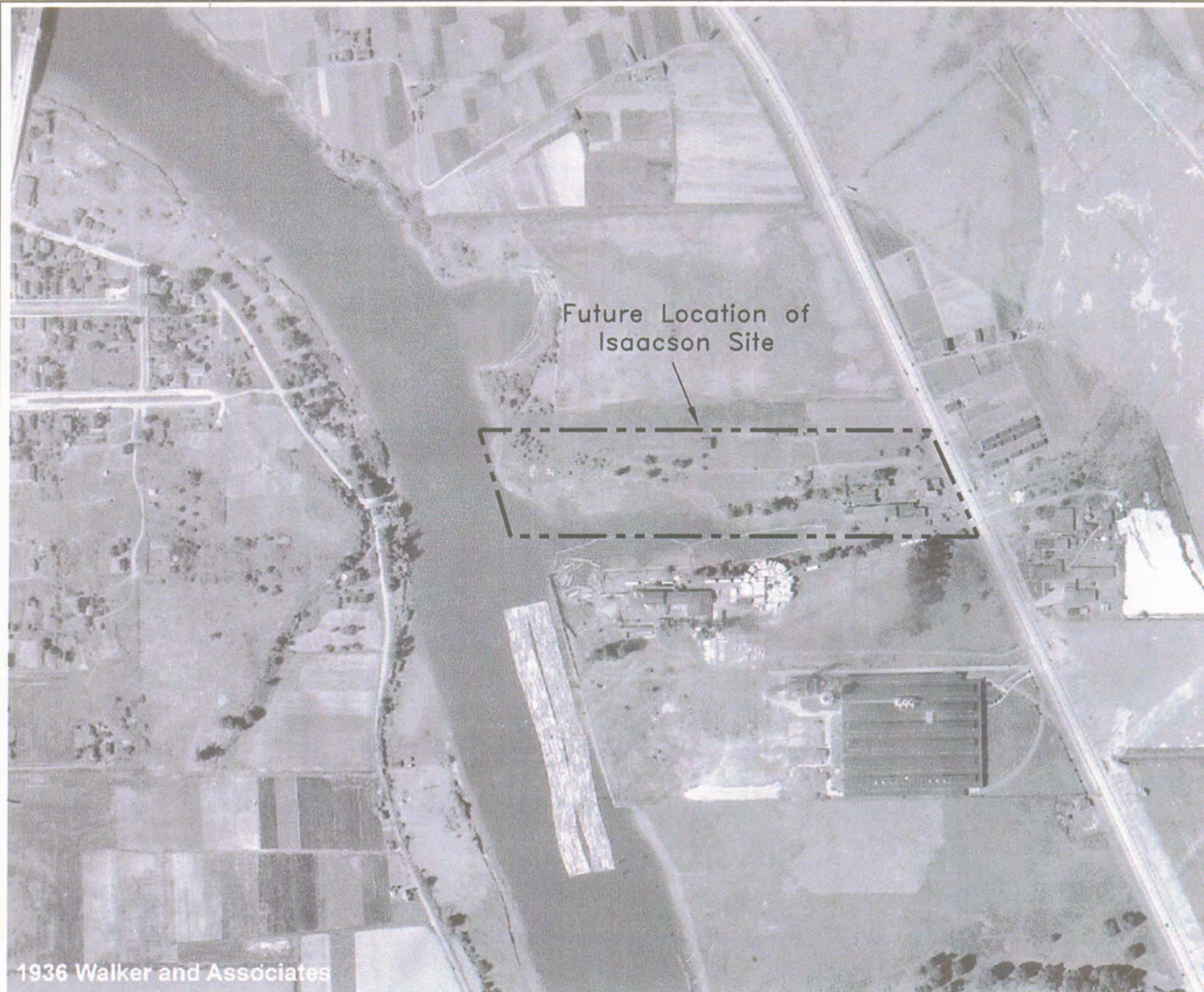




View to Southeast

Figure 8  
*Bulkhead Construction South of Slip 5 - July 1966*  
*Former Isaacson Steel Site*  
*Seattle, Washington*





1936 Walker and Associates

Scale ≈ 1:5,680

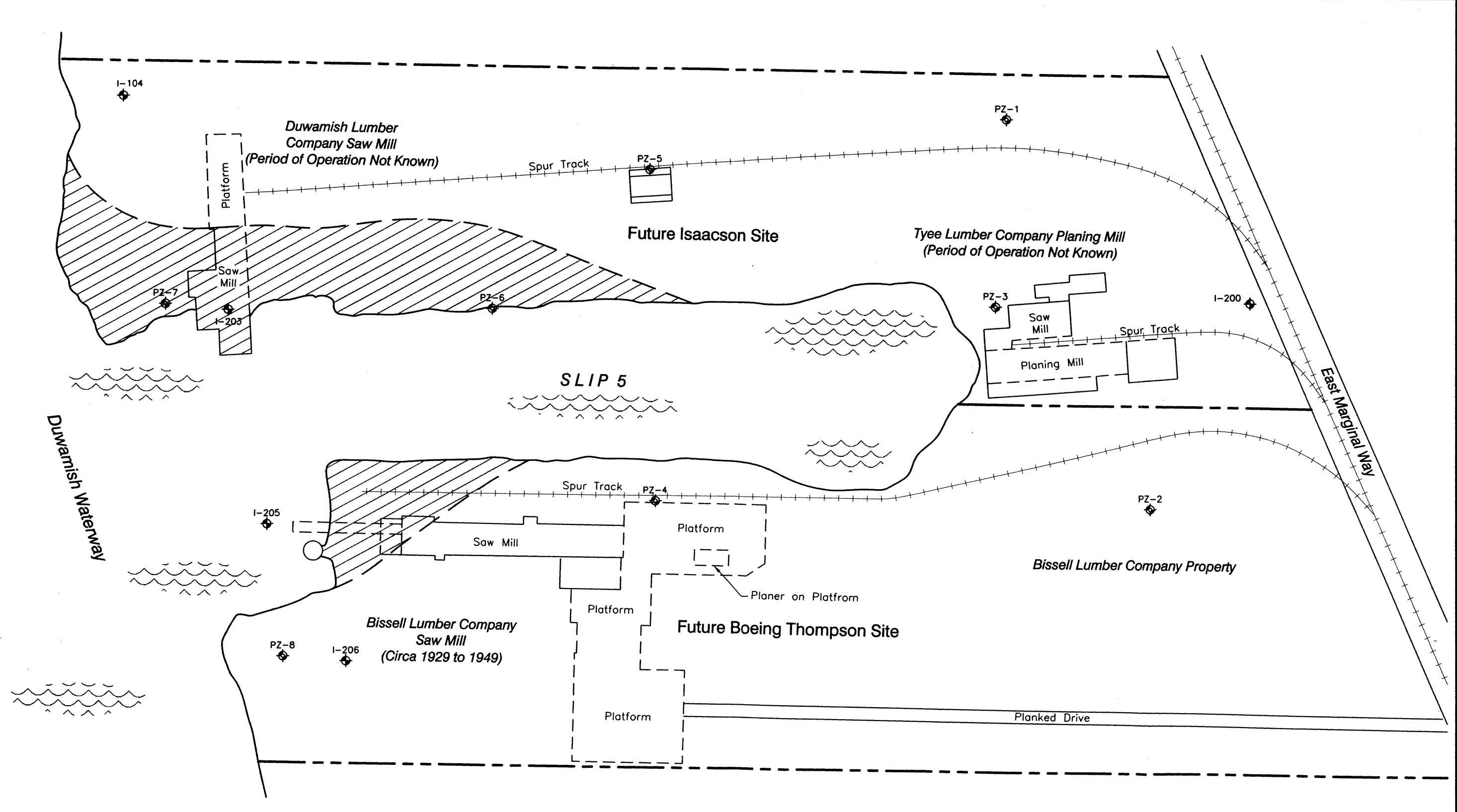
Figure 9  
*Aerial Photograph - 1936*  
*Former Isaacson Steel Site*  
*Seattle, Washington*

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FINAL

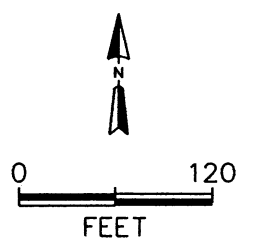


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Drawn By: J. Estrada  
Date: 07/17/01  
Project No. 4108.11



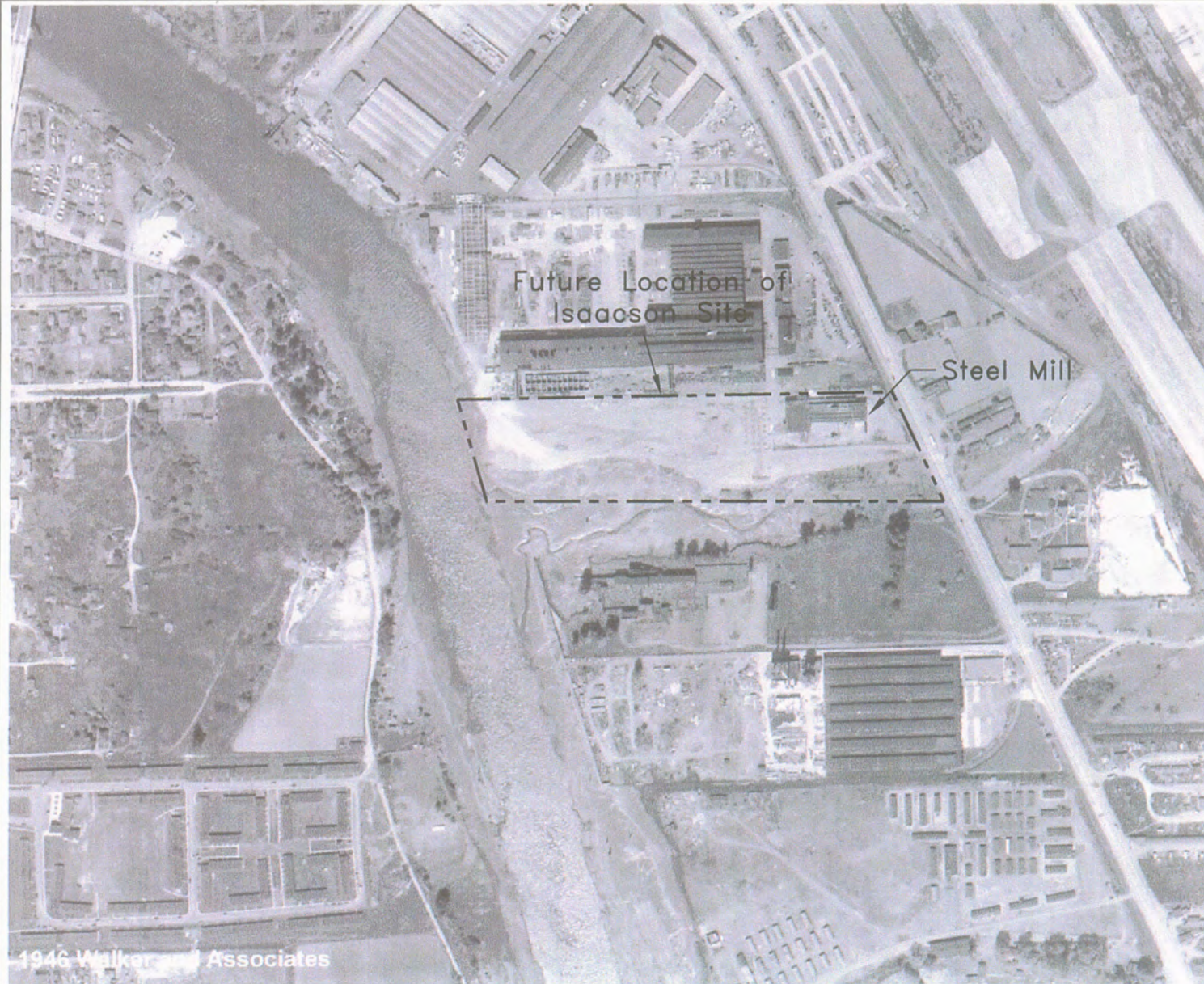
**LEGEND**

- Monitoring Well Location-2001
- Piezometer Location-2001
- Original Slip 5 Shoreline Based on 1936 Photograph



From GeoEngineers 1997

Figure 10  
 Site Conditions Circa 1940  
 Former Isaacson Steel Site  
 Seattle, Washington



1946 Walker and Associates

Scale  $\approx$  1:5,880

Figure 11  
*Aerial Photograph - 1946*  
*Former Isaacson Steel Site*  
*Seattle, Washington*

ERM 07/01





1956 Walker and Associates

Scale  $\cong$  1:6,550

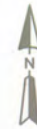


Figure 12  
*Aerial Photograph - 1956*  
*Former Isaacson Steel Site*  
*Seattle, Washington*

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View to Southwest

Figure 13  
*Aerial Photograph - 1966*  
*Former Isaacson Steel Site*  
*Seattle, Washington*





Isaacson Site

View to East

Figure 14  
*Aerial Photograph - Circa 1975  
Former Isaacson Steel Site  
Seattle, Washington*

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Isaacson Site

View to South

Figure 15  
*Aerial Photograph - 1989*  
*Former Isaacson Steel Site*  
*Seattle, Washington*

ERM 07/01



DUWAMISH RIVER CHANNEL  
 APPROX. SHORELINE  
 PORT OF SEATTLE PROPERTY

JORGENSEN STEEL CO.

EAST MARGINAL WAY SOUTH

Adapted From GeoEngineers (1987)

**LEGEND**

- Monitoring Well
- Piezometer
- Isaacson Site Boundary
- Fence
- Early 1900s-1946  
Random Fill, Consisting of Gravel, Sand, Slag, Demolition Waste, and Crushed Rocks (Wicks 1983)
- 1946-1960(A)  
Random Fill
- 1946-1960(A)  
Some Random Fill Along with Fill From Off-Site Sources (Dames & Moore 1983)
- 1960-1965  
Slag, Construction and Demolition Debris, and Imported Soil
- 1965-1966  
Imported Construction-Quality Sand Fill Material

(A) Fill Placed During The Same Time Period But From Possibly Different Sources

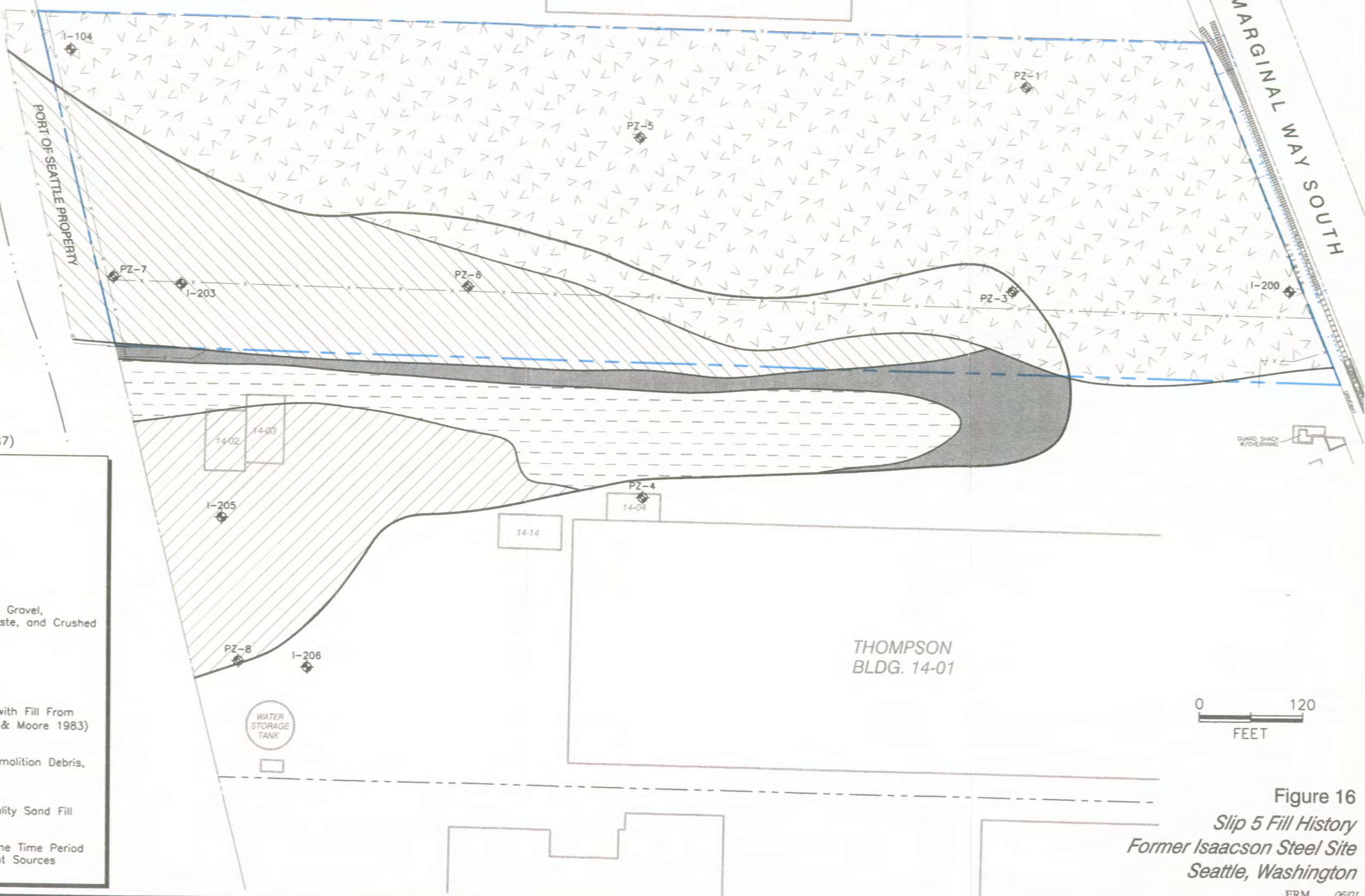
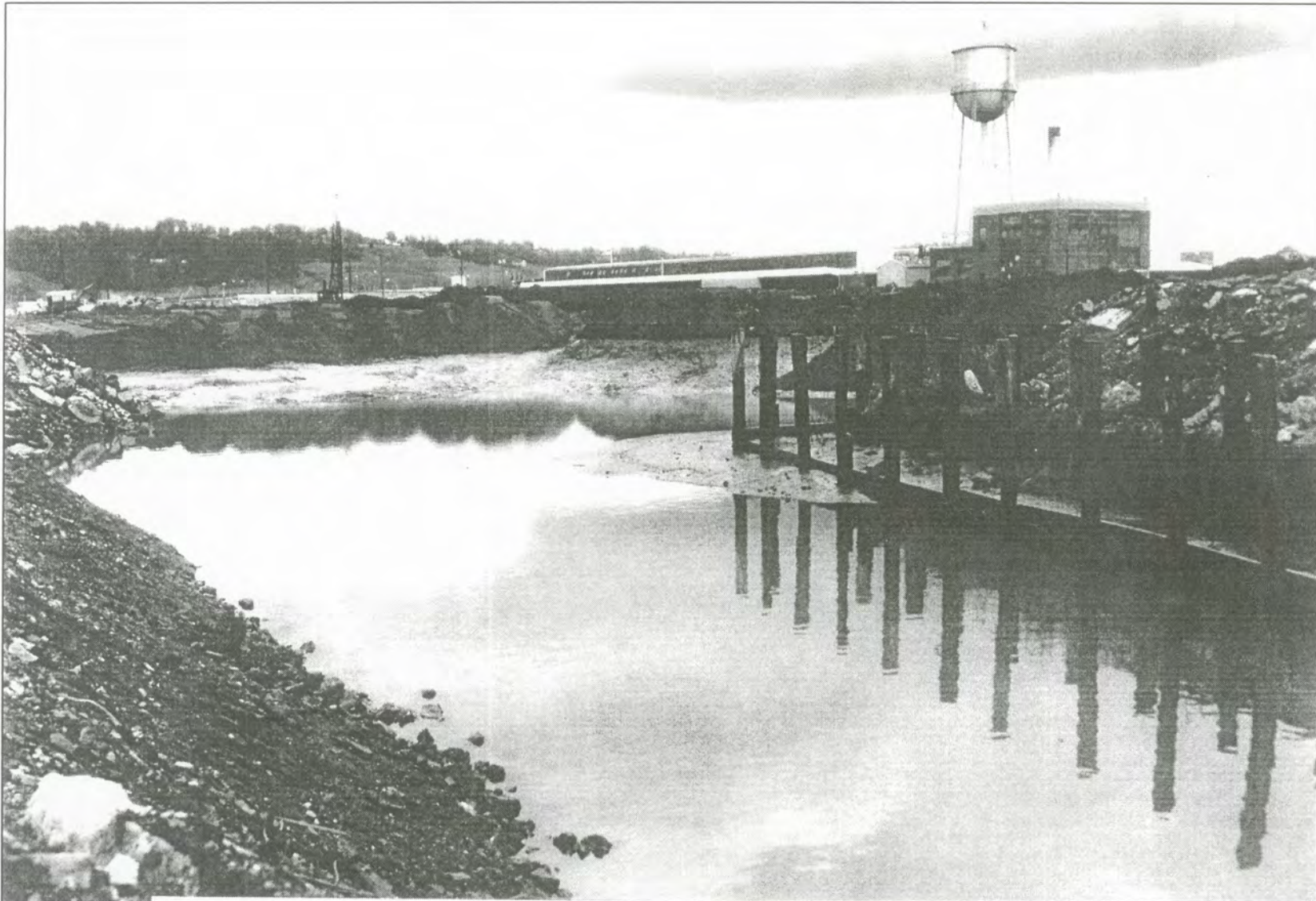


Figure 16  
 Slip 5 Fill History  
 Former Isaacson Steel Site  
 Seattle, Washington

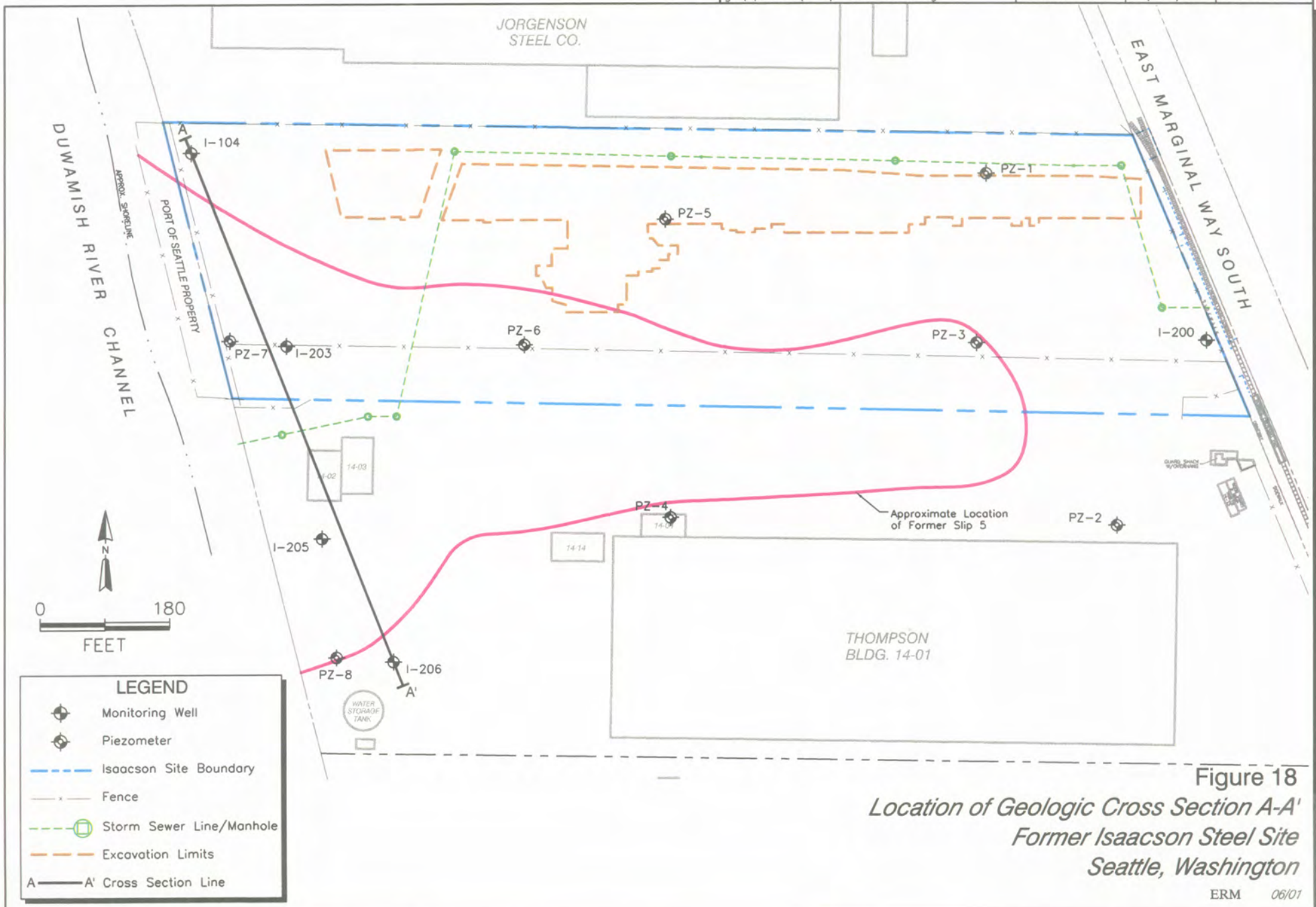




View to South-Southeast

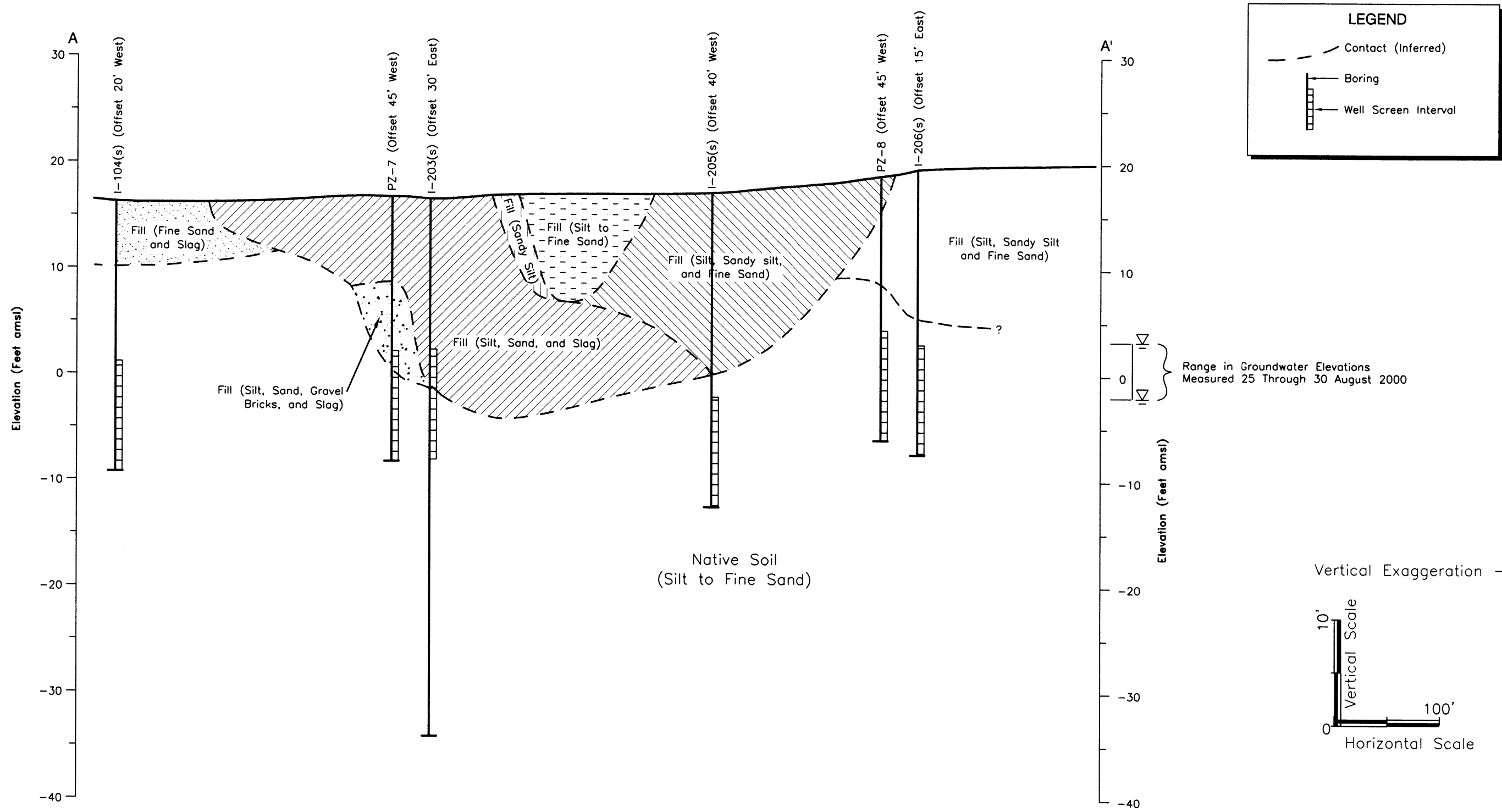
Figure 17  
*Slip 5 - February 1966*  
*Former Isaacson Steel Site*  
*Seattle, Washington*





**Figure 18**  
*Location of Geologic Cross Section A-A'*  
*Former Isaacson Steel Site*  
*Seattle, Washington*

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 Project No: 4108.11



**Figure 19**  
*Geologic Cross Section A-A'*  
*Former Isaacson Steel Site*  
*Seattle, Washington*

Modified from GeoEngineers (1997).



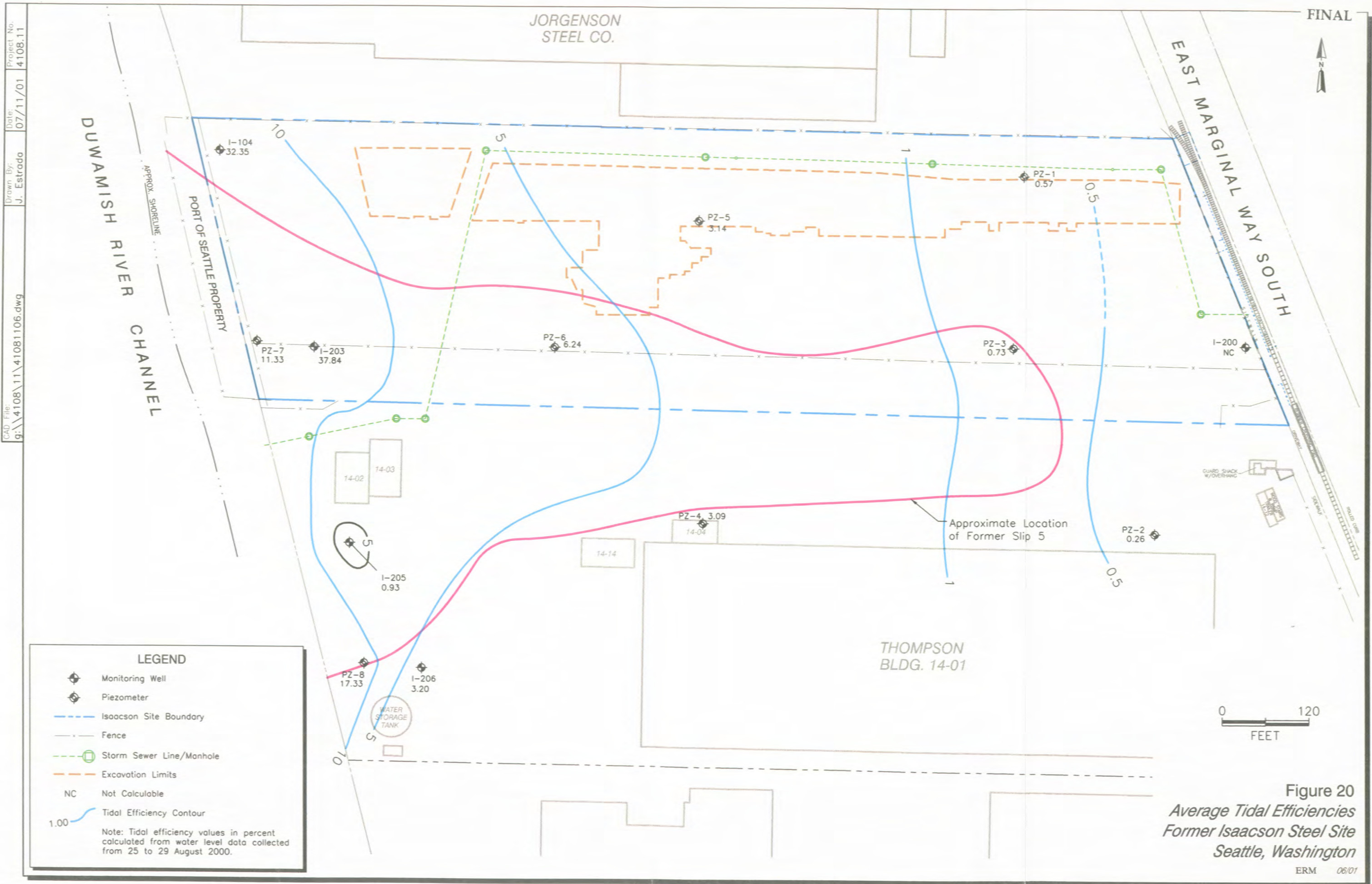
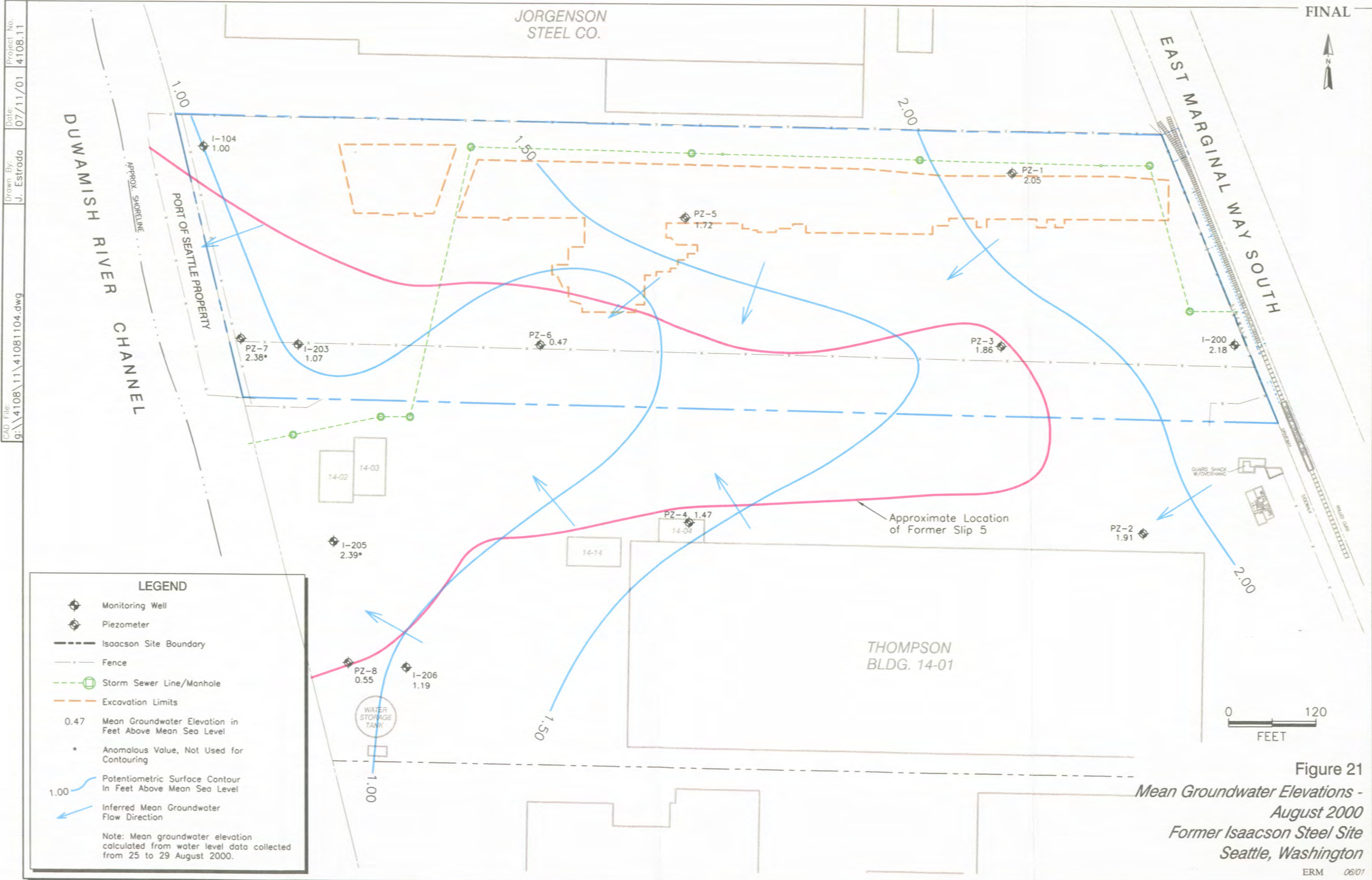


Figure 20  
 Average Tidal Efficiencies  
 Former Isaacson Steel Site  
 Seattle, Washington





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 Date: 07/11/01  
 Project No: 4108.11

**Figure 21**  
 Mean Groundwater Elevations -  
 August 2000  
 Former Isaacson Steel Site  
 Seattle, Washington



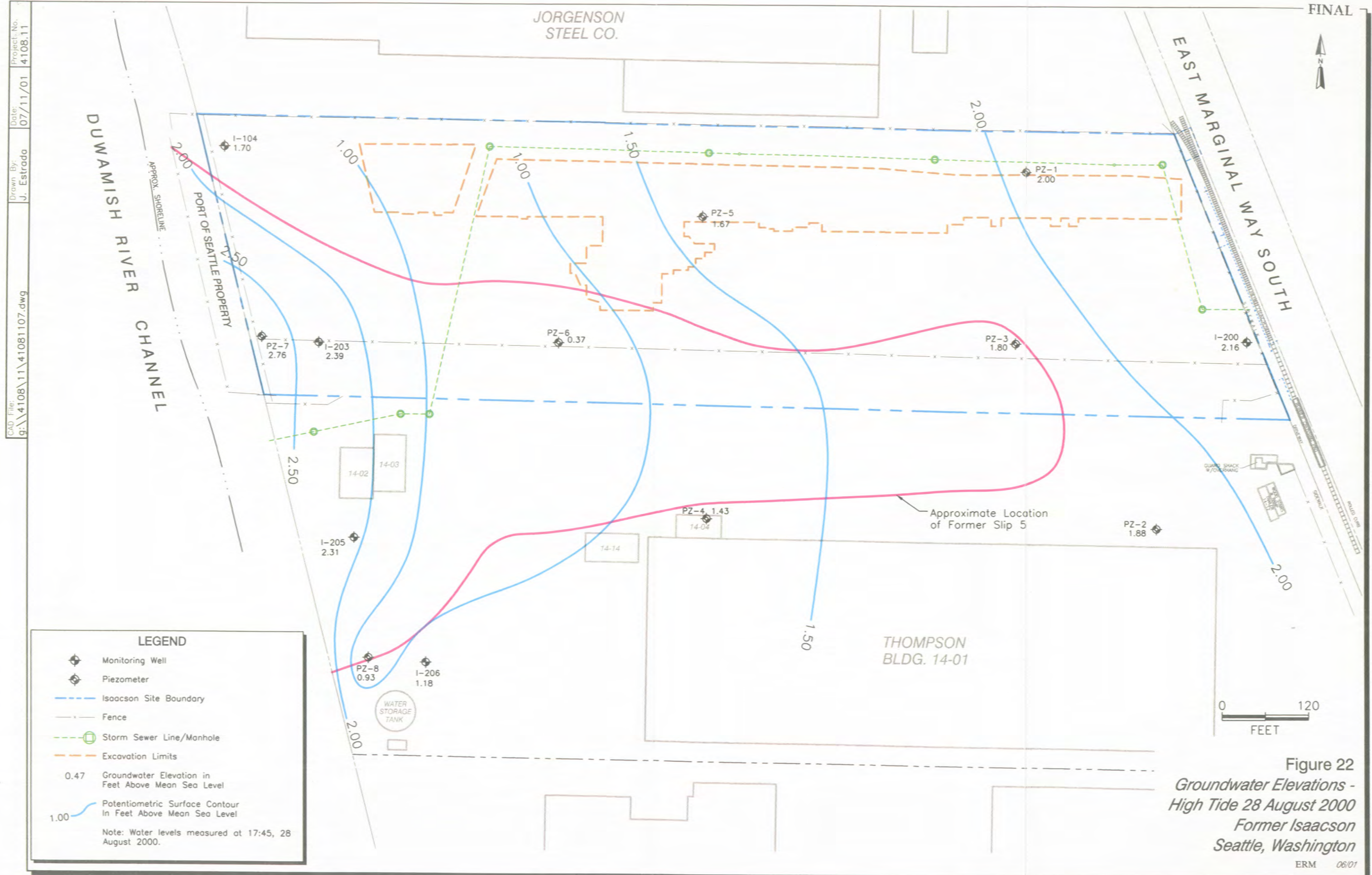
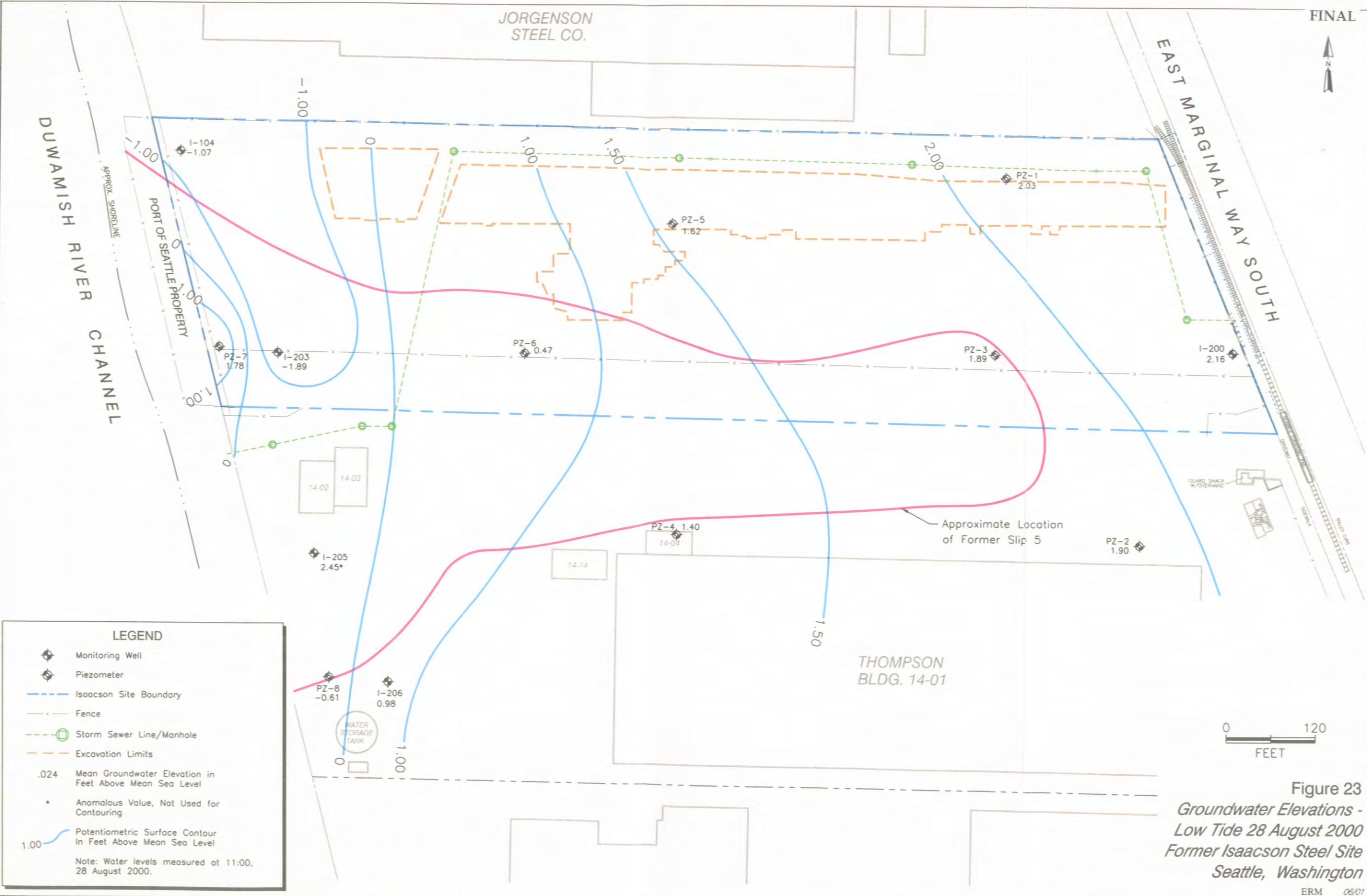


Figure 22  
 Groundwater Elevations -  
 High Tide 28 August 2000  
 Former Isaacson  
 Seattle, Washington



CAD File: g:\4108\11\41081107.dwg  
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 Date: 07/11/01  
 Project No: 4108.11





**Figure 23**  
 Groundwater Elevations -  
 Low Tide 28 August 2000  
 Former Isaacson Steel Site  
 Seattle, Washington



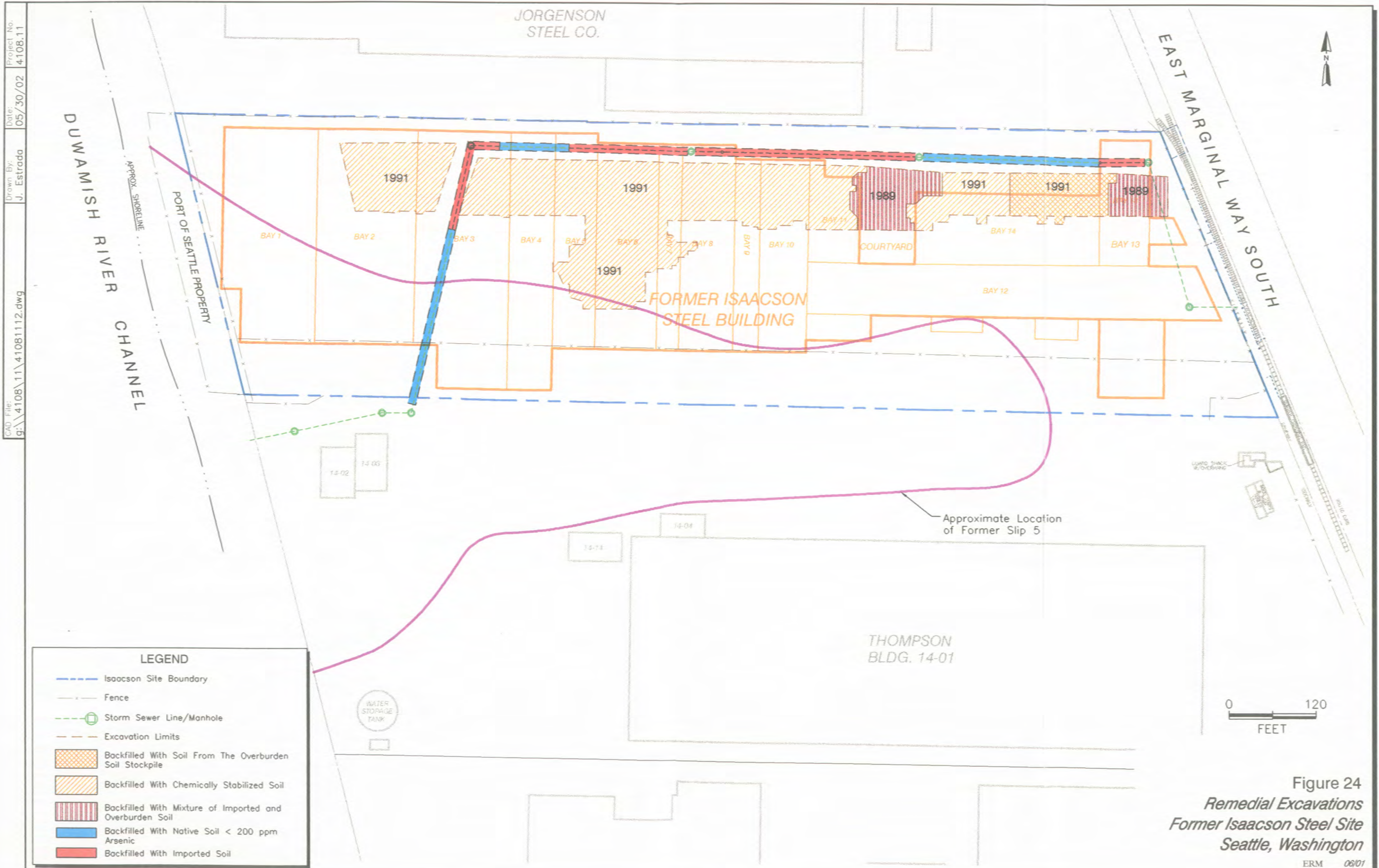


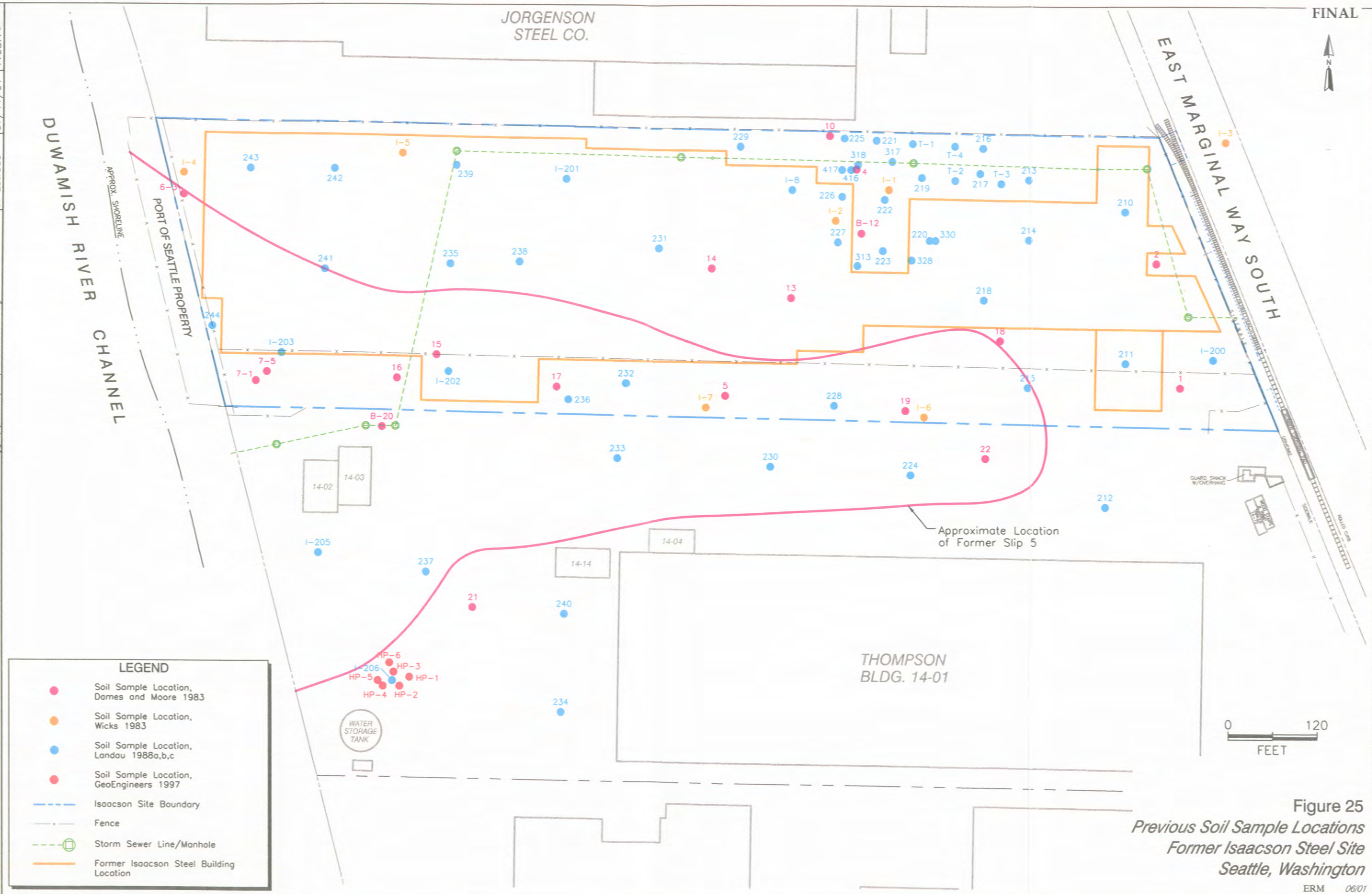
Figure 24  
 Remedial Excavations  
 Former Isaacson Steel Site  
 Seattle, Washington

CAD File: g:\4108\11\41081112.dwg  
 Drawn By: J. Estrada  
 Date: 05/30/02  
 Project No: 4108.11



CAD File: g:\4108\11\41081117.dwg  
 Drawn By: J. Estrada  
 Date: 07/11/01  
 Project No: 4108.11

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**Figure 25**  
*Previous Soil Sample Locations*  
*Former Isaacson Steel Site*  
*Seattle, Washington*



CAD File: g:\4108\11\41081110.dwg  
 Drawn By: J. Estrada  
 Date: 07/11/01  
 Project No: 4108.11

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DUWAMISH RIVER CHANNEL  
 APPROX. SHORELINE  
 PORT OF SEATTLE PROPERTY

EAST MARGINAL WAY SOUTH

JORGENSEN STEEL CO.

THOMPSON BLDG. 14-01

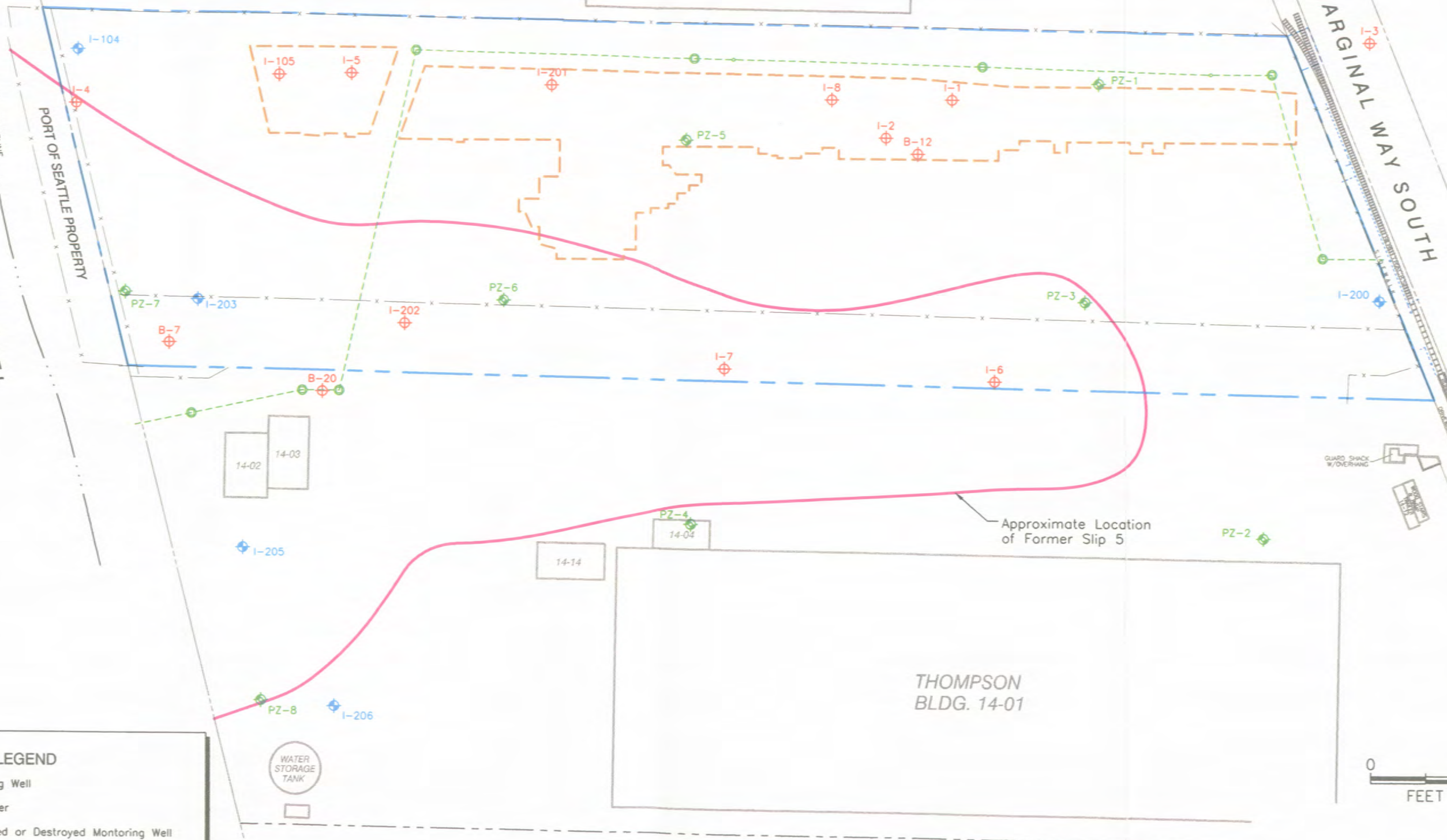
Approximate Location of Former Slip 5

**LEGEND**

- Monitoring Well
- Piezometer
- Abandoned or Destroyed Monitoring Well
- Isaacson Site Boundary
- Fence
- Storm Sewer Line/Manhole
- Excavation Limits



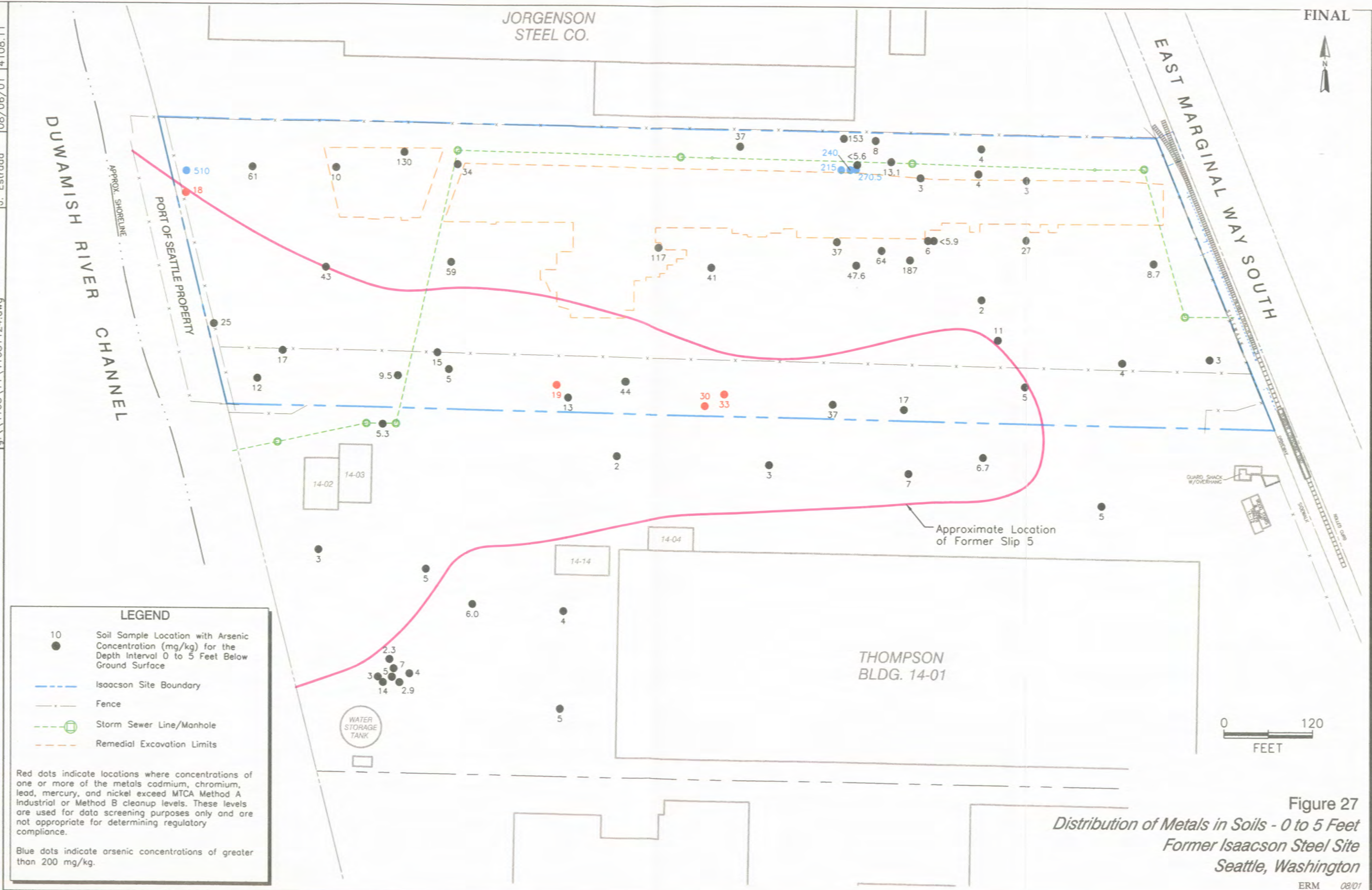
Figure 26  
 Monitoring Well and Piezometer Locations  
 Former Isaacson Steel Site  
 Seattle, Washington





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 Drawn By: J. Estrada  
 Date: 08/06/01  
 Project No: 4108.11

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**LEGEND**

- 10 Soil Sample Location with Arsenic Concentration (mg/kg) for the Depth Interval 0 to 5 Feet Below Ground Surface
- Isaacson Site Boundary
- - - Fence
- - - Storm Sewer Line/Manhole
- - - Remedial Excavation Limits

Red dots indicate locations where concentrations of one or more of the metals cadmium, chromium, lead, mercury, and nickel exceed MTCA Method A Industrial or Method B cleanup levels. These levels are used for data screening purposes only and are not appropriate for determining regulatory compliance.

Blue dots indicate arsenic concentrations of greater than 200 mg/kg.

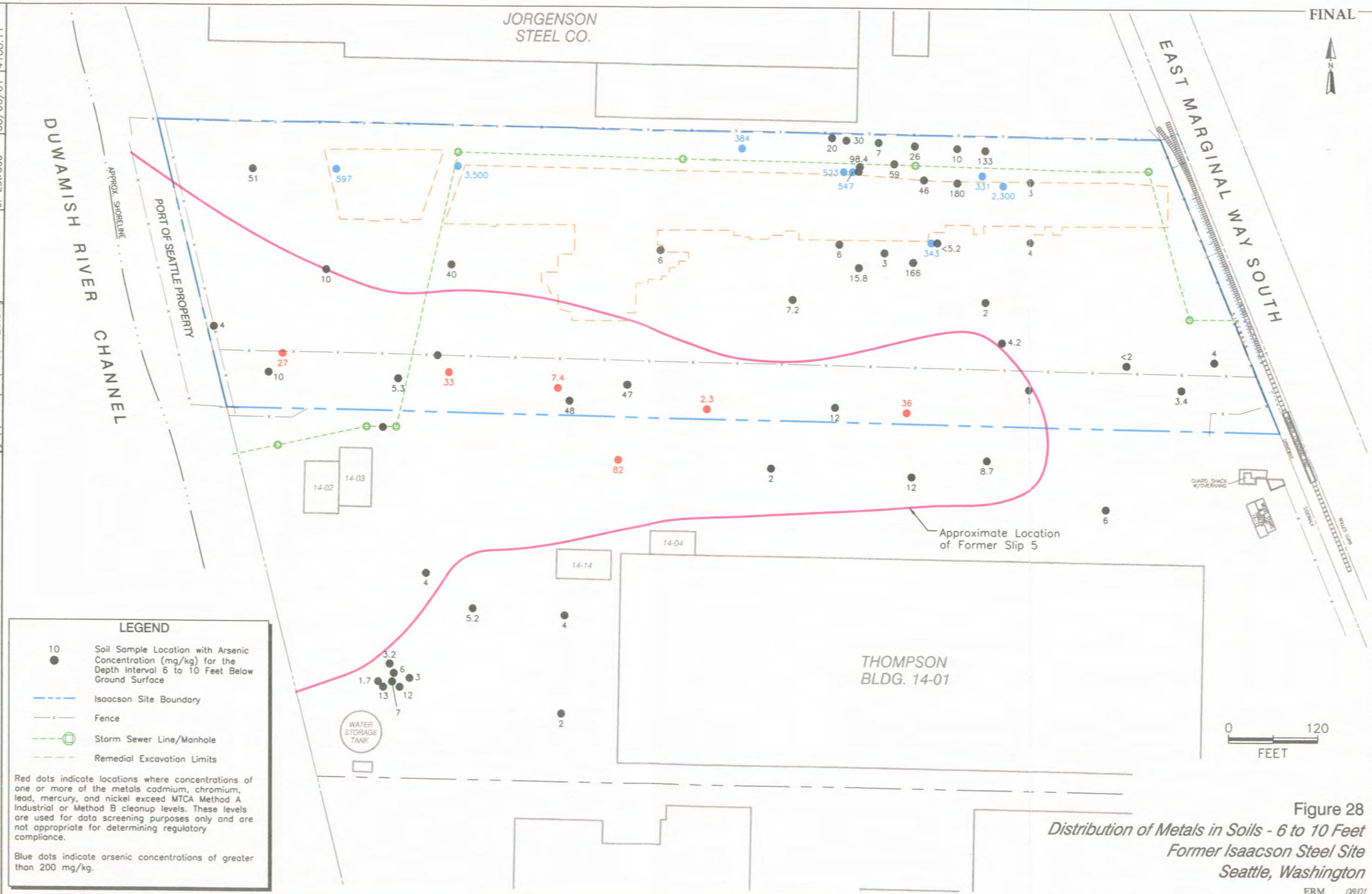


**Figure 27**  
 Distribution of Metals in Soils - 0 to 5 Feet  
 Former Isaacson Steel Site  
 Seattle, Washington



CAD File: g:\4108\11\41081125.dwg  
 Drawn By: J. Estrada  
 Date: 08/06/01  
 Project No. 4108.11

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**Figure 28**  
*Distribution of Metals in Soils - 6 to 10 Feet*  
*Former Isaacson Steel Site*  
*Seattle, Washington*







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 Drawn By: J. Estroga  
 Date: 08/06/01  
 Project No: 4108.11

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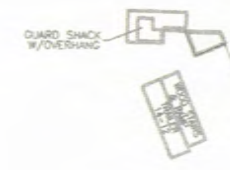
DUWAMISH RIVER CHANNEL  
 APPROX. SHORELINE  
 PORT OF SEATTLE PROPERTY

EAST MARGINAL WAY SOUTH

JORGENSEN STEEL CO.

THOMPSON BLDG. 14-01

Approximate Location of Former Slip 5



**LEGEND**

- 10 Soil Sample Location with Arsenic Concentration (mg/kg) at Depths Greater Than 16 Feet Below Ground Surface
- Isaacson Site Boundary
- - - - Fence
- - - - Storm Sewer Line/Manhole

Blue dots indicate arsenic concentrations of greater than 200 mg/kg.

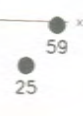
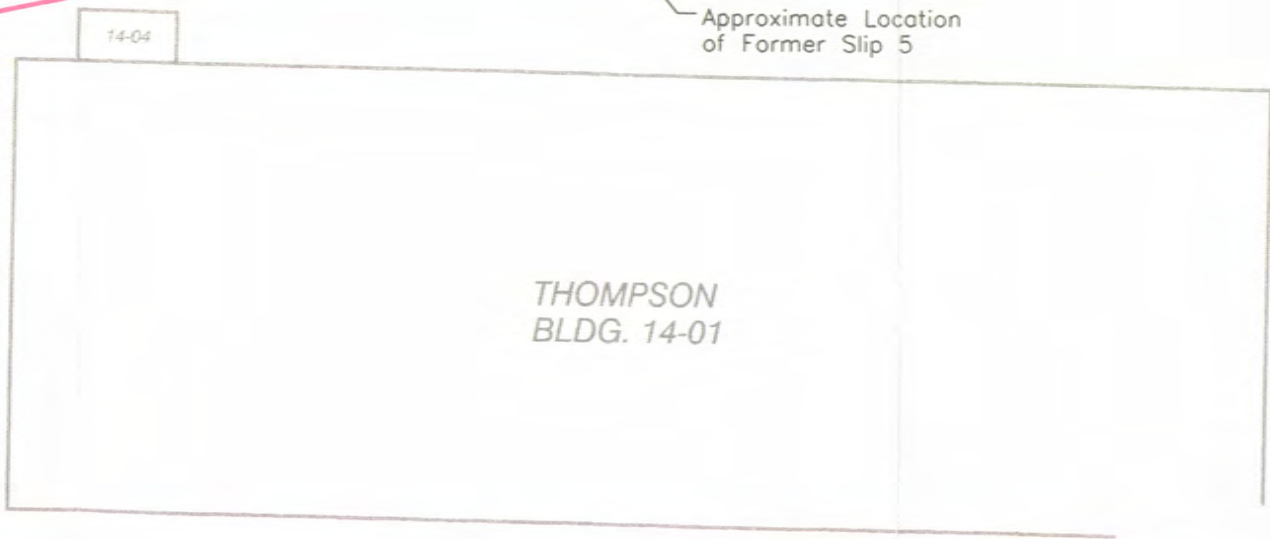
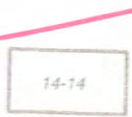
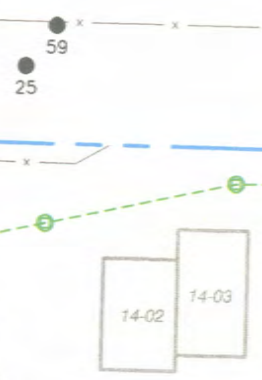


Figure 30  
 Distribution of Metals in Soils - Greater Than 16 Feet  
 Former Isaacson Steel Site  
 Seattle, Washington

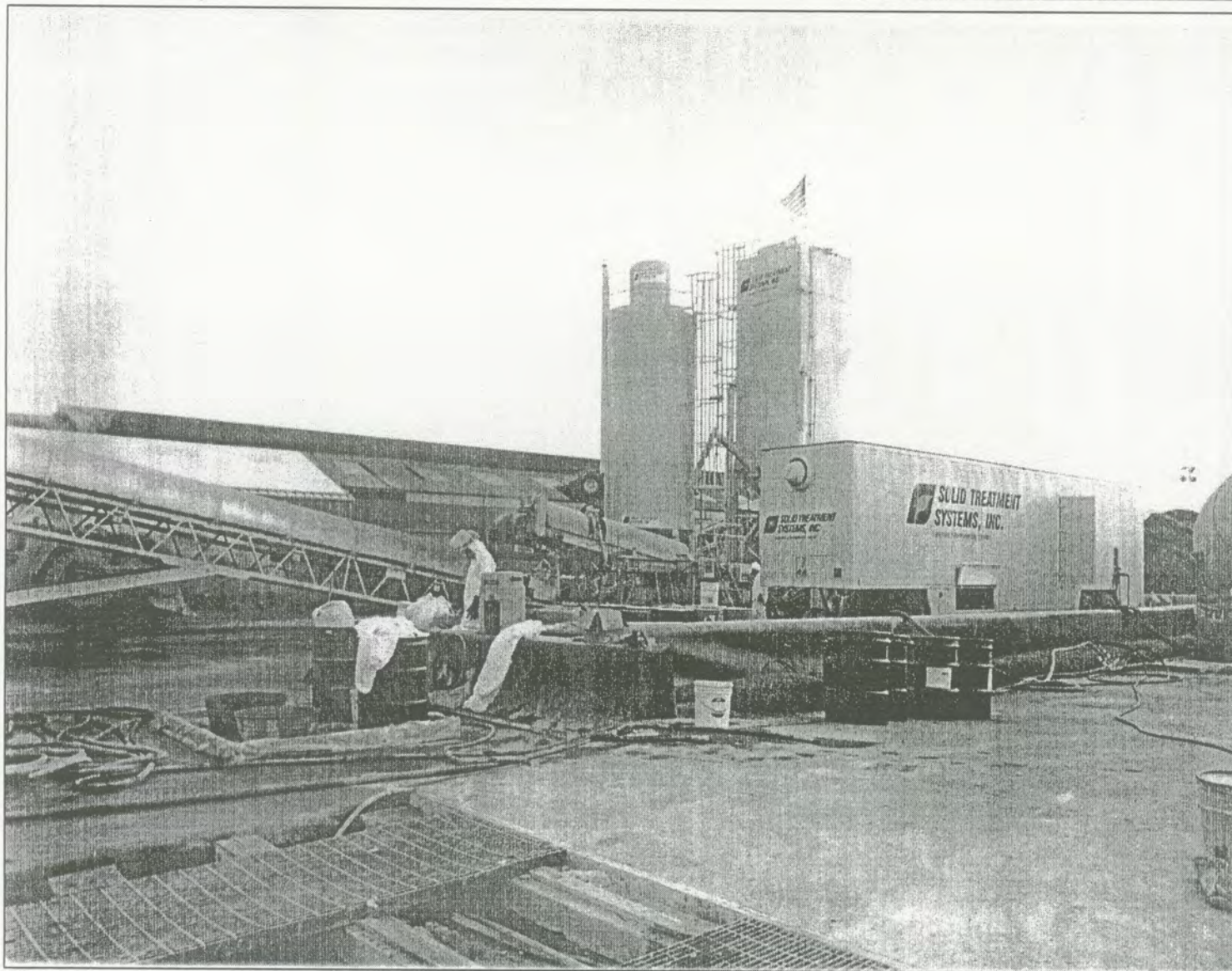




View to East-Southeast

*Courtyard and Bay 13 Excavation Activities - 1988  
Former Isaacson Steel Site  
Seattle, Washington*

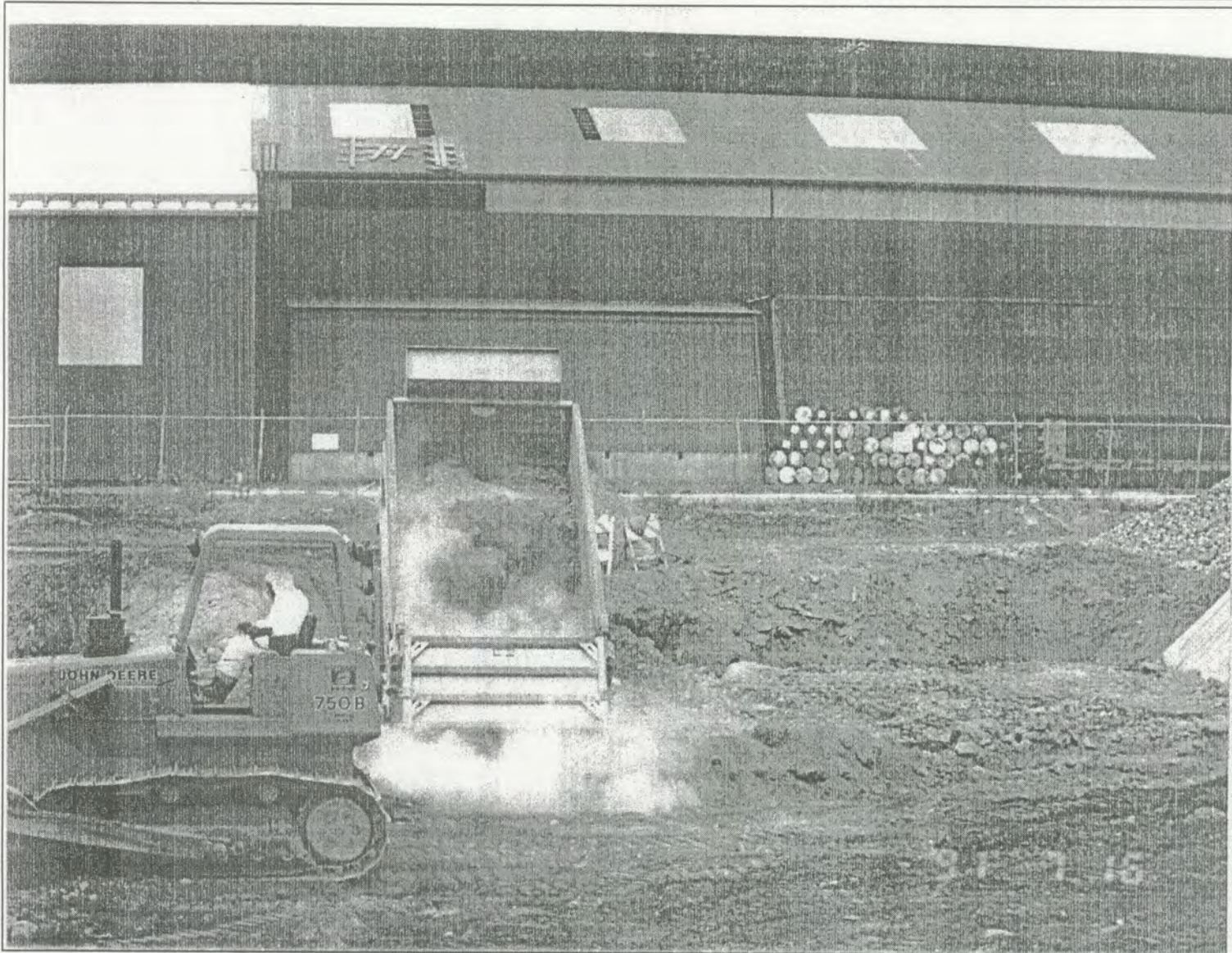




View to North

Figure 32  
*Soil Treatment System - 1991*  
*Former Isaacson Steel Site*  
*Seattle, Washington*





View to North

*Backfilling Remedial Excavation with Treated Soil - 1991  
Former Isaacson Steel Site  
Seattle, Washington*



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 Date: 07/11/01  
 Project No: 4108.11

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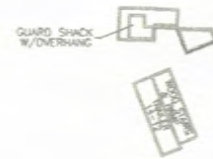
DUWAMISH RIVER CHANNEL  
 APPROX. SHORELINE  
 PORT OF SEATTLE PROPERTY

EAST MARGINAL WAY SOUTH

JORGENSEN STEEL CO.

THOMPSON BLDG. 14-01

Approximate Location of Former Slip 5



**LEGEND**

- Monitoring Well
- 270 Arsenic Concentration Detected in Groundwater Sample (micrograms per liter)
- Isaacson Site Boundary
- Fence
- Storm Sewer Line/Manhole
- Excavation Limits

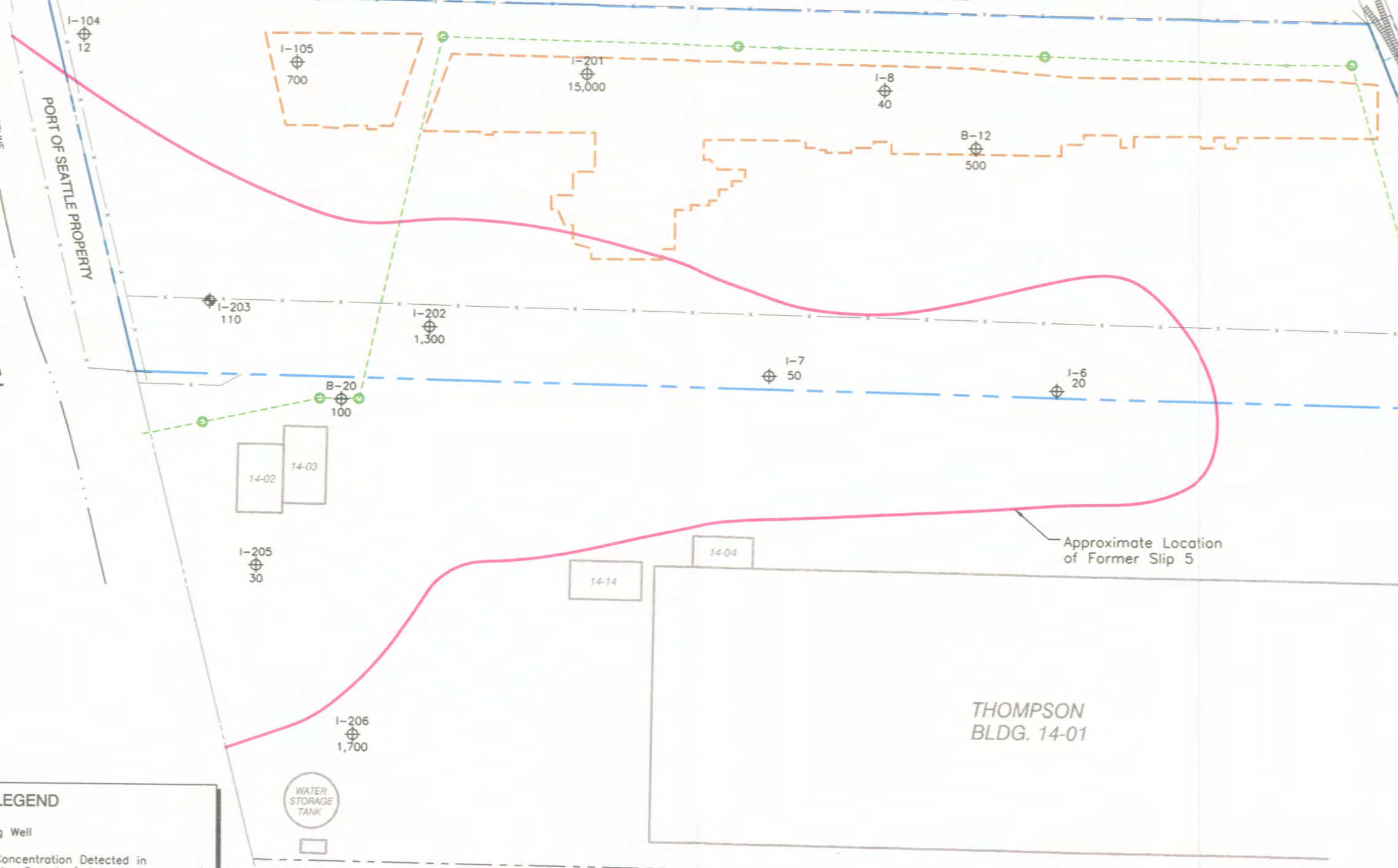


Figure 34  
 Dissolved Arsenic in Groundwater - February 1988  
 Former Isaacson Steel Site  
 Seattle, Washington





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Date: 07/11/01  
Project No. 4108.11  
Drawn By: R. Olson

DUWAMISH RIVER CHANNEL  
APPROX. SHORELINE  
PORT OF SEATTLE PROPERTY

EAST MARGINAL WAY SOUTH

JORGENSEN STEEL CO.

THOMPSON BLDG. 14-01

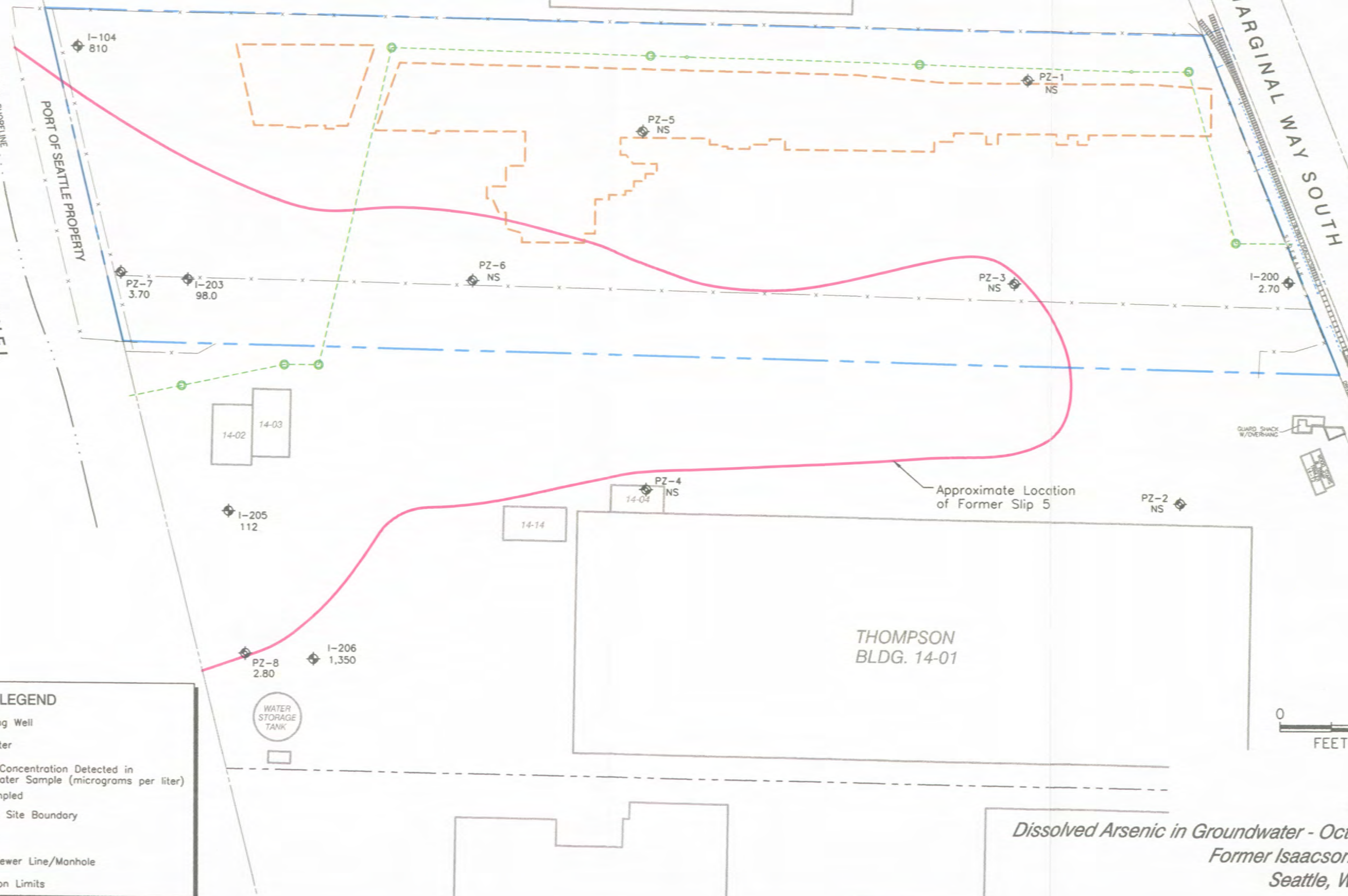
Approximate Location of Former Slip 5

**LEGEND**

- Monitoring Well
- Piezometer
- 2.80 Arsenic Concentration Detected in Groundwater Sample (micrograms per liter)
- NS Not Sampled
- Isaacson Site Boundary
- Fence
- Storm Sewer Line/Manhole
- Excavation Limits



Figure 35  
Dissolved Arsenic in Groundwater - October 2000  
Former Isaacson Steel Site  
Seattle, Washington



# **Selected Site Photographs**





1. Aqueous degreaser located in the southwestern portion of Building 14-01.



2. 5,000-gal wastewater tank located in the western yard of Building 14-01.

08/11/08 \\E:\dmd\proj\0251173\0701\fileRm\RT\Thompson Phase I ESA\_apf-1.doc



3. Diesel tank located on the northern side of Building 14-13.



4. Interior of Building 14-14.





5. Former (patched) wastewater trenches in the southwestern portion of Building 14-01.



6. Former brush plating sump located in the southwestern portion of Building 14-01.



7. Interior of Building 14-01.



8. Looking south at Buildings 14-02 and 14-03.





9. Former hydraulic systems test pad.



10. Looking southeast at Buildings 14-14 and 14-01.



11. Electrical transformers on the adjacent property to the south.



12. An electrical substation located in the southeastern portion of the subject property.

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# **Qualifications of Environmental Professionals**

# Kathryn Hartley

## Senior Staff Scientist

### Expertise

*Phase I and Phase II  
Environmental Site  
Assessments*

Kathryn has 6 years of environmental consulting experience with a focus on environmental site assessments (ESAs). Kathryn has participated in and managed Phase I and Phase II due diligence projects on properties ranging from vacant parcels to large industrial complexes. Her experience includes managing soil sampling, groundwater sampling, and small-scale remediation projects. Kathryn is familiar with the new regulations governing the conduct of Phase I ESAs, which were published as the EPA's All Appropriate Inquiry rule in November of 2005. As a Principal at Fox Valley Environmental Consulting (Crystal Lake, IL), Kathryn was prequalified to perform ESAs on behalf of several banks, law firms, and a local government agency.

**Phase I and Phase II ESA, Tacoma, WA.** Assisted in conducting a Phase I ESA for a log sorting yard in Tacoma, WA, on behalf of the Port of Tacoma. This project involved researching the history of the site, conducting a site reconnaissance, and reviewing documents regarding the environmental status of surrounding area sites. This assessment was conducted in order to assess the current environmental status of the subject property as well as to identify issues that may affect the Port's planned development of the subject property. Soil, groundwater, and sediment samples were collected as part of the Phase II ESA.

**Phase I ESA, Lynnwood, WA and Various Sites in Oregon.** Assisted in conducting Phase I ESAs for a commercial printing facility in Lynnwood, WA and three commercial printing facilities in Oregon. This project involved researching the history of the site, conducting a site reconnaissance, and reviewing documents regarding the environmental status of surrounding area sites. In-depth interviews were conducted with the property occupants regarding hazardous materials usage and waste handling. These assessments were conducted in preparation for the sale of the properties.

**Soil Exploration, Tacoma, WA.** Field scientist for soil exploration completed at the Tacoma Landfill in Tacoma, WA. This project involved oversight and observation of soil conditions in a series of test pits and soil probes, which were completed in an effort to delineate the extent of refuse that extended beyond the existing landfill cap. Soil conditions were logged for consideration in developing a plan to extend the existing landfill cap.

**Remediation System Installation Oversight, Everett, WA.** Field scientist for a remediation system installation at the Boeing Plant in Everett, WA. This project involved oversight of the installation of 50 electrodes and 33 monitoring wells, which were installed as part of a remediation and monitoring system. As-built well completion logs, groundwater sampling, and soil logging were completed as part of the pre-system start-up activities.

**Construction Observation and Compliance Monitoring, Everett, WA.** Field scientist for construction monitoring and compliance monitoring for a large-scale redevelopment project at the Port of Everett, WA. This project involved supervising excavation and loading of contaminated soil for transport to disposal facilities, directing subcontractors to excavation limits, and collecting confirmation soil samples from the excavation boundaries. GPS was used to identify soil sample locations.

### Education

B.S., Biology/Environmental Science, University of Wisconsin, 2001



# Tim Syverson, L.G.

Senior Associate

## Expertise

*Due Diligence & Risk  
Management*

*Environmental Site  
Assessments and  
Investigations*

*Regulatory Analysis/Agency  
Negotiations*

*Site Characterization and  
Remediation*

*Project Management*

Tim is the environmental due diligence/Phase I and II environmental site assessment (ESA) practice lead for Landau Associates. He has more than 20 years of consulting experience focused on project development and management for various regional, national, and international industrial, governmental, and retail clients – including Time Oil, Agrium Inc., The Boeing Company, the Washington State Department of Transportation (WSDOT), and Home Depot USA, Inc. His work for these clients has included property assessments including due diligence for property acquisition or divestiture, the design and implementation of subsurface investigations, development of remedial strategies and identification of appropriate cleanup levels, and working with the project team engineer in the design and implementation of corrective actions.

**Home Depot USA, On-Call Environmental Services; Various Sites, OR and WA.** Project manager for ongoing support for this major retail developer for property acquisition and site redevelopment. Services include Phase I and II due diligence assessments for property acquisition, characterization of soil and groundwater in the areas where hazardous substances have been released to the environment, evaluation of the regulatory status of the released substances, quantification of the liabilities associated with future potential cleanup actions and onsite management of hazardous substances during site development. Recent projects in Oregon include assessment of sites in Hermiston, The Dalles, Newport, and Eugene.

**Phase I and II ESAs, Soil Remedial Action – Aerospace Facility; Kent, WA.** Project manager for a due diligence assessment for potential sale or lease of a more than 100-acre industrial facility. The assessment included review of facility and regulatory agency files, site operational history, and physical site conditions to assess potential conditions of environmental concern that could pose a liability to the client or future owners/lessees. The results of the initial assessment were used to develop a work plan for site investigations to document current site conditions and evaluate potential conditions of environmental concern. The Phase I assessment, preparation of a Phase II work plan, and completion of the Phase II field investigations were conducted in a 2-month period to meet the client's due diligence schedule. An independent cleanup of soil was contracted under the Voluntary Cleanup Program, and a No Further Action determination was received from the Washington State Department of Ecology (Ecology).

**Time Oil Northwest Terminal; Portland, OR.** Technical/Geologic Peer Reviewer for ongoing Quarterly Groundwater Monitoring program and for the Phase III Remedial Investigation (completed in 2005), and served as Task Manager for the East Property Investigation (EPI). The Terminal is a former wood treatment chemical blending and petroleum storage facility located adjacent to the Willamette River in Portland. The project is being implemented under a Voluntary Cleanup Program agreement with the Oregon Department of Environmental Quality (DEQ). Since the project's inception, three phases of a remedial investigation have been completed, human health and ecological risk assessment activities have been initiated, and more than 11,000 tons of contaminated soil have been removed and disposed off site during interim removal actions. The EPI resulted in a conditional (industrial use only) No Further Action determination from DEQ for an approximately 21-acre portion of the Time Oil property. Landau Associates developed the investigation and remediation approach, provided technical oversight during implementation, and is responsible for long-term quarterly groundwater monitoring, oversight of onsite wastewater treatment system and compliance activities, documentation for site activities, permit compliance, and providing technical consultation regarding all aspects of project activities as needed.

## Tim Syverson

### **Phase I and II ESAs and Underground Storage Tank (UST) Removals for 10 Former Gasoline Station Properties; Various Locations, OR and WA.**

Project manager for site assessment and closure, many including expanded Phase I ESAs with supplemental soil and groundwater sampling and analysis, the decommissioning and removal of UST systems, collecting soil confirmation samples for analysis, and preparing site characterization reports. The work was conducted to assess soil and groundwater conditions for the potential presence of petroleum hydrocarbons and/or their byproducts, and to ensure compliance with Ecology Model Toxics Control Act (MTCA) cleanup levels. Landau Associates also provided oversight of the UST removal and collected confirmation samples to ensure compliance with state regulations.

### **Wilbur-Ellis Company On-Call Environmental Services: OR and WA.**

Project manager for environmental services for this national agricultural chemical, fertilizer distribution, and supply company. Services include support related to property sale or acquisition, characterization of soil and groundwater, hazardous materials handling and disposition, and regulatory compliance. Recent projects in Oregon include assessment of facilities in Portland, Jefferson, and Woodburn.

### **WSDOT On-Call Hazardous Waste Services; Various Sites, WA.**

Project manager for environmental services provided to WSDOT in support of various road improvement projects. The work to date has included underground storage tank (UST)/aboveground storage tank (AST) decommissioning and follow-on remedial actions, as needed; site assessment and inspection work in support of property acquisition for roadway rights-of-way; and expedited support for handling and appropriate disposal of potentially hazardous materials encountered during roadway projects.

### **Environmental Claim Evaluations, Confidential Client, 31 sites; WA, OR, ID, AZ, and CA.**

Project manager for preparation of site assessments and summaries of 164 environmental claims at agricultural chemical sites in multiple states. The work included reviewing available site-specific soil and groundwater analytical data collected by the previous operation in the context of applicable state and federal regulations and preparing summary reports for each claim. The work was completed to support a cost allocation and liability settlement with the previous owner/operator to meet the terms of the client's purchase agreement.

## Education

M.S., Geology, Western Washington University, 1984

B.S., Geology, University of Minnesota, Duluth, 1981

## Registrations/ Certifications

Licensed Geologist/Hydrogeologist: Washington, No. 901

Registered Professional Geologist: Oregon, No. G1342

**Report  
Environment, Health, and Safety Assessment /  
Phase I Environmental Site Assessment  
Boeing Isaacson Property  
Tukwila, Washington**

September 15, 2008

Prepared for

**The Boeing Company  
Seattle, Washington**

 **LANDAU  
ASSOCIATES**  
130 2nd Avenue South  
Edmonds, WA 98020  
(425) 778-0907



# TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION	1-1
1.1 SCOPE OF SERVICES	1-2
2.0 SITE DESCRIPTION AND SETTING	2-1
3.0 SITE GEOLOGY/HYDROGEOLOGY	3-1
4.0 HISTORICAL INFORMATION	4-1
4.1 AERIAL PHOTOGRAPHS	4-1
4.2 TOPOGRAPHIC MAPS	4-4
4.3 FIRE INSURANCE MAPS	4-4
4.4 HISTORICAL CITY DIRECTORIES	4-6
4.5 CHAIN-OF-TITLE DOCUMENTS	4-6
5.0 USER-PROVIDED INFORMATION	5-1
6.0 AGENCY AND CITY RECORDS REVIEW	6-1
6.1 ENVIRONMENTAL DATA RESOURCES, INC.	6-1
6.2 TUKWILA FIRE DEPARTMENT / FIRE MARSHAL	6-5
6.3 PUBLIC HEALTH – SEATTLE & KING COUNTY	6-5
6.4 KING COUNTY ASSESSOR	6-5
6.5 PUGET SOUND REGIONAL ARCHIVES	6-5
6.6 WASHINGTON STATE DEPARTMENT OF ECOLOGY	6-6
7.0 PREVIOUS INVESTIGATIONS	7-1
8.0 SITE RECONNAISSANCE	8-1
8.1 SUBJECT PROPERTY	8-1
8.2 ADJACENT PROPERTIES	8-2
9.0 INTERVIEWS	9-1
10.0 SUMMARY AND CONCLUSIONS	10-1
10.1 DATA GAPS	10-2
11.0 USE OF THIS REPORT	11-1
11.1 ENVIRONMENTAL PROFESSIONAL STATEMENT	11-1
12.0 REFERENCES	12-1

## LIST OF FIGURES

<u>Figure</u>	<u>Title</u>
1	Vicinity Map
2	Site Plan
3	Historical Site Features of Isaacson/Thompson Site

## LIST OF TABLES

<u>Table</u>	<u>Title</u>
1	Summary of Environmental Site Assessment Elements
2	Summary of Environment, Health, and Safety Elements
3	Summary of Regulatory Database Search Results
4	Storage Tank Inventory
5	Subject Property Checklist
6	Adjacent Properties Checklist

## LIST OF APPENDICES

<u>Appendix</u>	<u>Title</u>
A	Aerial Photographs
B	Historical Topographic Maps and Sanborn Map Report <sup>®</sup>
C	Environmental Data Resources Radius Map with GeoCheck <sup>®</sup> (on CD-ROM)
D	Historical Property Tax Records
E	Historical Site Figures
F	Selected Site Photographs
G	Qualifications of Environmental Professionals

## LIST OF ABBREVIATIONS AND ACRONYMS

AAI	All Appropriate Inquiry
ACM	Asbestos-Containing Material
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
BGS	Below Ground Surface
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
CSCSL	Confirmed and Suspected Contaminated Sites List
Ecology	Washington State Department of Ecology
EDR	Environmental Data Resources, Inc.
EHS	Environment, Health, and Safety
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
FINDS	Facility Index System/Facility Registry System
ft	Feet
ft <sup>2</sup>	Square Feet
ICR	Independent Cleanup Report
KCIA	King County International Airport
LQG	Large Quantity Generator of Hazardous Waste
LUST	Leaking Underground Storage Tank
mg/kg	Milligrams per Kilogram
mg/L	Milligrams per Liter
MTCA	Washington State Model Toxics Control Act
NFA	No Further Action
NPL	National Priorities List
PCB	Polychlorinated Biphenyls
RCRA	Resource Conservation and Recovery Act
SQG	Small Quantity Generator of Hazardous Waste
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbon
µg/L	Micrograms per Liter
USGS	U.S. Geological Survey
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program

## 1.0 INTRODUCTION

At the request of The Boeing Company (Boeing), Landau Associates conducted a comprehensive Environment, Health, and Safety (EHS) Assessment/Phase I Environmental Site Assessment (ESA) for the 9.84-acre Isaacson property, located at 8625 East Marginal Way South in Tukwila, Washington (subject property; Figure 1). The subject property is currently owned by Boeing and consists of an asphalt-paved area, which is used for limited storage of empty containers and for parking.

Landau Associates conducted this Phase I ESA in general accordance with the guidelines of the American Society for Testing and Materials (ASTM) as identified in its *Standard Practice for Environmental Site Assessment Process, E 1527-05* (as currently applied in the state of Washington). This standard, while subject to changes (as are all ASTM standards), is recognized as generally meeting the due diligence provisions of the federal statute [Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) 42 USC 9601(35) (B)] and the Washington State Model Toxics Control Act (MTCA; RCW 70.105D.040) at the time this report was prepared. ASTM E 1527-05 satisfies the elements of the U.S. Environmental Protection Agency's (EPA's) All Appropriate Inquiry (AAI) rule. This rule established requirements that purchasers must meet to limit their environmental liability under CERCLA and qualify for protections, including the "Bona Fide Prospective Purchaser" and "Contiguous Property Owner" defenses that were added by the amendments to CERCLA passed by Congress in 2002.

The goal of the assessment process outlined in ASTM E 1527-05 is to identify *recognized environmental conditions*, which are defined as the presence or likely presence of any hazardous substances or petroleum products 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 subject property or into the ground, groundwater, or surface water of the subject property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of the appropriate governmental agencies.

The specific elements of the ASTM process are summarized in Table 1 along with where the information can be found in our report or if an element has not been addressed due to limitations/constraints imposed by project-specific conditions. Elements not included in ASTM E 1527-05 (e.g., identification, sampling, and analysis of asbestos, radon, lead paint, lead in drinking water, and/or wetlands; regulatory compliance; cultural and historic resources; indoor air quality, including the potential presence of mold or other biological contaminants, and vapor intrusion; industrial hygiene;

health and safety; ecological resources; and endangered species) were not included in our scope of services for the subject property, except as described below.

The Phase I ESA process is not a means of finding “everything there is to know about a property.” Rather, it is an effort to evaluate the environmental liabilities associated with a property based on reasonably available documentation (both oral and written) within the budget, schedule, and project-specific limitations. Sections 2.0 through 10.0 present the information collected during this Phase I ESA. At the request of Boeing, recommendations based on the findings of this Phase I ESA are provided under separate cover.

## **1.1 SCOPE OF SERVICES**

The complete scope of services, as outlined in our proposal dated December 7, 2007, includes the following:

- A Phase I ESA that meets the requirements of ASTM E 1527-05 and is consistent with EPA standards for AAI under CERCLA Section 101(35)(B)(i)(I), 101(35)(B)(ii) and (iii), and 40 CFR 312.
- An identification, to the extent feasible, of potential current or historical aboveground EHS issues including the known or likely presence of asbestos-containing materials (ACM), lead-based paint, mold, radon, radioactive materials, toxic dusts, polychlorinated biphenyls (PCBs), and other information relevant to the current or historical use or presence of chemicals or other hazardous substances.
- A review of the site’s EHS files and interviews with knowledgeable personnel to determine all material EHS issues. Interviews with Boeing or non-Boeing personnel pertaining to either the subject property or surrounding properties were not conducted without first identifying these individuals to Boeing and obtaining the express permission of Boeing to conduct the interviews.
- A detailed index of the site’s EHS files. Landau Associates provided appropriate staff to index, catalog, and photo or digitally copy the EHS documents provided by Boeing, and prepared a summary of these documents.
- A list of EHS permits that are held in the current property owner’s name that would need to be closed out or transferred to the new owner or operator.
- A report of the Phase I ESA, written in accordance with Appendix X4 of ASTM E 1527-05, which includes all supporting documentation such as the Environmental Data Resources (EDR) report, aerial photographs, and site photographs taken for the Phase I ESA.

The specific elements of the EHS process are summarized in Table 2 along with where the information can be found in our report or if an element has not been addressed due to limitations/constraints imposed by project-specific conditions.

## 2.0 SITE DESCRIPTION AND SETTING

Based on information from King County (King County website 2008), the subject property consists of one 9.84-acre parcel (0001600014), which is owned by Boeing. An asphalt-paved mound is present in the north-central portion of the subject property, resulting from a soil stabilization project that was completed at the subject property in 1991 (Figure 2). The subject property is currently used by Boeing for limited storage of empty containers and for truck parking.

The subject property is located in an area of industrial properties and is bordered on the north by Jorgensen Forge Corporation, on the west by the Duwamish Waterway, on the south by the Boeing Thompson site, and on the east by East Marginal Way South followed by industrial/commercial businesses and the King County International Airport (KCIA)/Boeing Field.

The subject property slopes slightly downward to the west and is at an average elevation of approximately 14 feet (ft) above mean sea level, with the exception of the area of the soil mound in the north-central portion of the subject property, which is an elevation of 20.35 ft at its highest point. Surface topography in the general vicinity of the subject property is generally flat and slopes slightly downward to the west/southwest toward the Duwamish River (USGS 1983).

### 3.0 SITE GEOLOGY/HYDROGEOLOGY

The Duwamish River delta has changed significantly within the past century, with the most notable changes including the mass filling of intertidal marsh areas and the channelization of the Duwamish River. Most of the Duwamish valley marsh area, including the river channel, was filled with material hydraulically dredged to create the Duwamish Waterway. Based on available historical information, including topographic maps, aerial photographs, and Sanborn fire insurance maps, a meander of the Duwamish River formerly flowed in an east-west direction along the southern boundary of the subject property. After channelization of the Duwamish River, a portion of the river channel known as Slip 5 remained on the subject property. The slip was filled in the 1950s and 1960s to support development of the subject property and expansion of the adjacent property to the south (Boeing Thompson).

Based on subsurface explorations completed at and in the area of the subject property, soil conditions at the subject property consist of approximately 6.5 to 17.5 ft of fill overlying native tideflat and river deposits with the thickest layers of fill occurring in the area of the former Slip 5. The fill generally consists of silty sand to sandy gravel. Fill materials within the former Slip 5 area include bricks, wood debris, and slag material (ERM 2002). The native deposits typically consist of fine sand and silty fine sand with silt lenses. The native surficial deposits are characterized by the presence of small in-place roots, wood fragments, and peat, which are indicators of the original ground surface elevation prior to filling. Underlying the silt and silty fine sand is a series of interbedded alluvial sand and silt layers that were deposited within the floodplain of the Duwamish River. Beneath the interbedded alluvial silt and fine sand is a layer of very dark to black, fine to medium sand. This naturally deposited sand is found throughout the Duwamish River valley and was likely deposited from flood waters.

The near-surface groundwater regime within the Duwamish River valley is generally characterized as a shallow, single aquifer system. As noted in Section 2.0, the subject property is located on the eastern bank of the Duwamish Waterway, at approximately 14 ft above mean sea level (USGS 1983). Shallow groundwater (generally less than 10 ft below ground surface) is present throughout the subject property area. Based on topography and groundwater investigations conducted in the area of the subject property by Landau Associates and others, the groundwater gradient is generally to the west-southwest toward the Duwamish Waterway. Based on previous investigations, the groundwater gradient at the subject property is tidally influenced (ERM 2002).



## **4.0 HISTORICAL INFORMATION**

A variety of resources was reviewed to develop the history of the subject and adjacent properties in order to assess the potential for environmental impact to the subject property. These resources included the following:

- Aerial photographs (Walker & Associates 1936, 1946, 1956; Washington State Department of Transportation 1961; Washington Department of Natural Resources 1965, 1970, 1978, 1985; USGS 1990, 2002)
- Topographic maps (USGS 1897, 1909, 1949, 1968, 1973, 1983)
- Fire insurance maps (EDR 1929, 1949, 1966)
- City Directories (Puget Sound Regional Archives 1938, 1943-44, 1951, 1956, 1961-62, 1966, 1970, 1975, 1980, 1985, 1989-90, 1994)
- Chain of title documentation (First American Title Company).

### **4.1 AERIAL PHOTOGRAPHS**

Historical aerial photographs were reviewed to help identify prior uses of the subject and adjacent properties that could potentially result in environmental impact to the subject property. Aerial photographs were obtained for review from the sources listed in Section 4.0. Copies of the aerial photographs are provided in Appendix A, and information from the aerial photograph review is discussed below.

In the 1936 aerial photograph, the Duwamish Waterway is visible to the west of the subject property. An inlet of the Duwamish Waterway known as Slip 5 is visible along the southern boundary of the subject property, which extends east across approximately two-thirds of the subject property. A series of structures is visible in the eastern portion of the subject property. A structure is visible in the north-central portion of the subject property, and appears to be residential. The adjacent property to the north appears to be undeveloped agriculture property. The western portion of the adjacent property to the south (Thompson property) is separated from the subject property by Slip 5. A series of commercial/industrial buildings is visible, which appear to be associated with a wood mill. Adjacent properties to the east across East Marginal Way South appear to be residential and/or agricultural. The property to the southeast of the subject property is developed with multiple buildings, which appear to be commercial or industrial.

In the 1946 aerial photograph, one large structure is visible in the eastern portion of the subject property in the area where several structures were observed in the previous photograph. Significant changes to adjacent properties are visible in this photograph. One large building and several smaller

buildings are visible on the adjacent property to the north. The buildings appear to be industrial. The water level in Slip 5 appears to be lower than in the previous photograph and the slip resembles a drainage channel. Significant changes to the adjacent properties to the south and to the east, across East Marginal Way South, were not observed in this photograph. An airport is visible to the east-northeast of the subject property, across East Marginal Way South.

In the 1956 aerial photograph, a series of interconnected industrial buildings (including the building shown in the 1946 photograph) is visible and covers most of the subject property. Slip 5 is visible along the southern subject property boundary. On the adjacent property to the south, structures are no longer visible in the western portion of the property and three to four smaller structures remain in the eastern portion of the site. The facility adjacent to the north of the subject property has expanded and additional large structures are visible. The residential structures across East Marginal Way South to the east of the subject property are no longer visible and the area appears to be used for parking.

In the 1961 aerial photograph, the facility on the subject property appears to have expanded and the water level in Slip 5 appears to be higher than in previous photographs. No structures are visible on the adjacent property to the south of the subject property. Significant changes to the adjacent properties to the north and east of the subject property were not observed in this photograph.

In the 1965 aerial photograph, a paved parking area is visible along the southern side of the building on the subject property. The water level in Slip 5 is lower than in previous photographs. Slip 5 resembles a drainage channel. It appears that some filling has occurred in Slip 5. Structures have been removed from the central and western portions of the adjacent property to the north. With the exception of filling in Slip 5, significant changes to the adjacent property to the south of the subject property were not observed. A structure is visible on the property located east of the subject property, across East Marginal Way South. The building appears to be commercial and possibly related to the airport, located farther to the east. The facility formerly visible to the southeast of the subject property is no longer present.

Significant changes to the structures on the subject property are not visible in the 1970 aerial photograph. Slip 5 is no longer visible along the southern subject property boundary. Slip 5 has been filled and the area appears to be asphalt-paved. A large building is visible on the eastern two-thirds of the Thompson property, adjacent to the south of the subject property, and two smaller buildings are visible on the property. The buildings appear to be industrial. Significant changes to the adjacent property to the north of the subject property were not observed in this photograph. The area surrounding the building on the property to the east, across East Marginal Way South, appears to be paved parking areas.

In the 1978 aerial photograph, no significant changes were observed to the subject property or the adjacent properties to the north or south. An addition has been made to the structure on the property to the east.

In the 1985 aerial photograph, an addition is visible along the southern side of the industrial building on the subject property. Significant changes to the adjacent properties to the east and south were not observed in this photograph.

In the 1990 aerial photograph, the industrial buildings have been removed from the subject property and one small structure is visible in the southwestern portion of the subject property. A possible materials storage or parking area is visible in the southeastern portion of the subject property. Significant changes to the adjacent properties were not observed in this photograph.

In the 2002 aerial photograph, the subject property appears to be paved with asphalt. Two rectangular features are visible in the southwestern portion of the subject property and may be buildings or trailers. The soil mound currently located in the north-central portion of the subject property is visible in this photograph. No significant changes to the adjacent properties to the north or south are visible in this photograph. No structures are visible on the property east of the subject property, across East Marginal Way South.

Overall, the aerial photograph review shows that the subject property was originally developed prior to 1936. Slip 5 of the Duwamish Waterway was located along the southern subject property boundary and extended east across approximately two-thirds of the subject property. The subject property was redeveloped between 1936 and 1946. The facility shown in the 1946 photograph was expanded and by 1956, the facility covered most of the subject property. Expansion of the industrial facility continued through the 1960s. Slip 5 was completely filled between 1965 and 1970. Industrial structures were removed from the subject property between 1985 and 1990. In the 1990 photograph, one small structure is visible in the southwestern portion of the subject property. The subject property was paved between 1990 and 2002 and the soil mound currently located in the north-central portion of the subject property is visible in the 2002 aerial photograph. The surrounding area appears to have been mostly residential or undeveloped land in 1936, with the exception of the adjacent property to the south, which was developed with a wood mill prior to 1936. Commercial/industrial development began in the surrounding area between 1936 and 1946. The adjacent property to the north was developed with an industrial facility between 1936 and 1946 and the facility was expanded in the 1950s and 1960s. The adjacent property to the south was redeveloped between 1965 and 1970, after the filling of Slip 5. An airport was developed to the east of the subject property, across East Marginal Way South, between 1936 and 1946.

## **4.2 TOPOGRAPHIC MAPS**

Landau Associates reviewed the U.S. Geological Survey (USGS) 15-minute series Seattle, Washington Quadrangle topographic maps for the years 1897 and 1909, and the 7.5-minute series Seattle, Washington Quadrangle topographic maps for the years 1949, 1968, 1973, and 1983. The findings of the map review are discussed below. Copies of the topographic maps are included in Appendix B.

The 1897 and 1909 maps show the subject and adjacent properties prior to the channelization of the Duwamish River. The area of the subject property is developed with streets and small structures (likely residential); however, due to the scale of the map, individual property characteristics are not distinguishable. Significant changes to the area surrounding the subject property are shown on the 1949 map. The Duwamish River has been channelized and significant development is shown in the surrounding area. The Duwamish Slough (Slip 5) is shown along the southern side of the subject property. Six structures are shown on the subject property, north and east of Slip 5. Structures are shown on each of the adjacent properties. Boeing Field is shown east of the subject property, across East Marginal Way South. Runways are shown on Boeing Field and structures are shown along the perimeter of the runways.

On the 1968 map, Slip 5 is no longer shown on the subject property and one large structure is shown covering most of the subject property. Significant development is apparent in the surrounding area, including redevelopment of the adjacent property to the south and expansion of the facility adjacent to the north. Boeing Field is shown to the east of the subject property, across East Marginal Way South. Significant changes to the subject property and adjacent properties were not apparent on the 1973 or 1983 maps, except that Boeing Field is identified as King County International Airport on these maps.

In summary, the topographic maps show that the subject property and the surrounding area were originally part of the Duwamish River valley prior to channelization of the river, which occurred between 1909 and 1949. Boeing Field/King County International Airport was developed to the east of the subject property prior to 1949 and significant development occurred in the area of the subject property between 1949 and 1968. One structure is visible on the subject property on the 1968 map and on subsequent maps.

## **4.3 FIRE INSURANCE MAPS**

Landau Associates reviewed Sanborn Fire Insurance maps of the Isaacson property for the years 1929, 1949, and 1966. Copies of the Sanborn maps are included in Appendix B and the findings of the map review are discussed below.

The 1929 map shows the Duwamish River Slough oriented east to west along the southern boundary of the subject property. Two businesses are shown on the subject property. The Duwamish Lumber Company is shown in the western portion of the site, north of the slough, and Tyee Lumber Company is shown in the eastern portion of the subject property, at the eastern terminus of the slough. Structures associated with the Duwamish Lumber Company are labeled: saw mill, lunch room, engine room, blacksmith, lumber storage, wood bin, block bin, sawdust bin, and waste burner. There is a note that reads “steam power and heat.” A storage tank is shown within a structure located west of the engine room. A residence is shown near the center of the subject property, on the northern side of the slough. An office and storage building associated with the Duwamish Lumber Company are shown in the northeastern portion of the subject property. Structures in the eastern portion of the subject property and associated with Tyee Lumber are labeled as garages, office, planing mill, dry kilns, sawing, and a shavings bin. A storage tank is shown north of the dry kilns building. A note on the map indicates that the facility uses steam heat.

The adjacent property to the south is labeled Bissell Lumber Co. A series of buildings is shown and include a saw mill, wood bin, steam pump building, waste burner, transformer yard, blacksmith, and a building containing four storage tanks. There are no structures shown on the adjacent property to the north of the subject property; however, coverage of this area is limited on the Sanborn maps. The property to the east of the subject property, across East Marginal Way South, is labeled The Prestolite Co. Structures shown on this property include a storage building, office and warehouse, carbide drum shed, filling shed, steam heater, and acetylene generator.

On the 1949 map, the Duwamish Lumber Company and Tyee Lumber Company are no longer shown on the subject property and no structures are shown in the western portion of the subject property. Structures are shown in the eastern portion of the subject property and are labeled tractor repair, welding, tractor sheds, storage shed, tractor parts warehouse, and office. A scrap iron yard is shown to the south of the tractor repair building. A second series of structures is shown in the northeastern portion of the subject property, north-northeast of the slough. Structures in this area are labeled galvanizing plant, general warehouse, paint shop, and paint storage. A transformer yard is shown to the north of the galvanizing plant; however, it is not clear if the yard is located on the subject property or the adjacent property to the north.

The adjacent property to the north is labeled as Isaacson Iron Works Plant Number 2. Structures associated with the Isaacson facility include a heat treating and forge shop, a power house with associated fuel oil tanks, several machine shops, a transformer yard, and erector shop, and maintenance buildings. One storage building is noted to contain carbide, oxygen and acetylene. There are no significant changes to the adjacent property to the south. A group of mobile homes is shown to the east of the subject

property, north of the Prestolite facility which is labeled as Linde Air Products on this map. Additional structures labeled as airplane repair and painting and airplane storage are shown on this property.

Significant changes to the subject property were identified on the map from 1966. The subject property is labeled as Isaacson Structural Co. Galvanizing Plant on this map. The galvanizing plant shown on the 1949 map is present and a large industrial building is shown to the south of the galvanizing plant and extending to the western property boundary. Sections of the building are labeled as storage areas, and fabricating shops. The adjacent property to the north has no significant changes, except that a melt shop is shown in the western portion of the property and the property is labeled as Jorgensen Steel Company on this map. There are no structures shown on the adjacent property to the south on this map. The property to the east of the subject property, across East Marginal Way, is labeled as a parking lot.

In summary, the Sanborn maps show the subject property developed with two lumber mills and a residence in 1929. The subject property was redeveloped between 1929 and 1949 with a tractor repair building, a scrap metal yard, and a galvanizing plant. The galvanizing plant was expanded between 1949 and 1966 to cover most of the subject property. The subject property is referred to as the Isaacson Structural Co. Galvanizing Plant on the 1966 map. The adjacent property to the north was developed with a steel plant between 1929 and 1949, which was originally named Isaacson Iron Works and was labeled as Jorgenson Steel Company on the 1966 map. The adjacent property to the south was developed with a lumber company on maps from 1929 and 1949. No structures are shown on the adjacent property to the south on the map from 1966. The property to the east of the subject property, across East Marginal Way, was occupied by Prestolite in 1929, Linde Air Products and a mobile home park in 1949, and a parking lot in 1966.

#### **4.4 HISTORICAL CITY DIRECTORIES**

Landau Associates reviewed Polk City Directories at the Puget Sound Regional Archives for the years 1938, 1943-44, 1951, 1956, 1961-1962, 1966, 1970, 1975, 1980, 1985, 1989-1990, and 1994. The subject property (address 8625 East Marginal Way South) is not listed in the directories. The address 8531 East Marginal Way South is listed as Isaacson Iron Works in directories from 1943, 1951, 1956, and 1961. This address is listed as Jorgensen Earle M. Steel Co. in directories from 1966 through 1994.

#### **4.5 CHAIN-OF-TITLE DOCUMENTS**

First American Title Insurance was retained by Landau Associates to conduct a chain-of-title search for the subject property. Copies of recorded documents were obtained as part of the title search. Records indicate the following property transfers have been recorded for the subject property:

- In 1964, the Isaacson Iron Works granted an easement to King County for a sewer line.
- The subject property was purchased by The Boeing Company from Isaacson Corporation in 1984.

The chain-of-title documents do not show the full history of ownership of the subject property. Additional ownership information is provided in Section 6.5.



## 5.0 USER-PROVIDED INFORMATION

Landau Associates requested that Boeing provide any information due to actual or specialized knowledge or experience regarding the subject property that is or could be relevant to *recognized environmental conditions*. Boeing provided access to files regarding the history of the subject property and previous environmental investigations that have been completed at the subject property. Based on the results of previous investigations, Boeing is aware that there is the potential for soil and groundwater contamination to be present at the subject property. Boeing did not provide any information regarding the purchase price of the subject property as compared to fair market value.

## **6.0 AGENCY AND CITY RECORDS REVIEW**

### **6.1 ENVIRONMENTAL DATA RESOURCES, INC.**

EDR was subcontracted to conduct a search (as prescribed by ASTM) of U.S. Environmental Protection Agency (EPA) and Washington State Department of Ecology (Ecology) environmental databases that contain information regarding environmental conditions at and near the subject property. The search focused on information in the various lists maintained by the agencies of sites with known and potential environmental conditions that may represent a threat to human health and the environment. EDR conducted its search of listed information (which is keyed to a geographic mapping system) using the location of the subject property, and identified sites listed in the databases that are located within up to a 1-mile radius of the subject property boundaries. EDR then compiled the information into a summary report that identifies sites of potential environmental concern within the prescribed radii. The complete EDR report is provided in Appendix C (on CD-ROM).

Due to the nature of contaminant migration in groundwater, only sites located hydraulically upgradient of the subject property or sites that are higher than or at the same elevation as the subject property with activities that may affect groundwater are assumed to have the potential to environmentally impact the subject property. As discussed in Section 3.0, the predominant local groundwater flow is to the west-southwest, toward the Duwamish Waterway; therefore, sites located to the east-northeast would be considered potentially upgradient of the subject property. However, given that the direction of groundwater flow is tidally influenced, properties located to the southeast of the subject property are also considered to be potentially upgradient of the subject property. Properties adjacent to the subject property are also considered to have the potential to impact soil and groundwater at the subject property due to their proximity. Table 3 provides a summary of the regulatory database search results. Some properties are listed in Table 3 more than once because they may be listed in more than one database.

The focus of this section is to identify the sites that are listed in the EDR report that have the potential to environmentally impact the subject property. The most direct pathway is via groundwater. Groundwater contamination could potentially migrate downgradient from an upgradient source. Therefore, sites that are located upgradient of the subject property that also have a history of groundwater contamination have the potential to impact the subject property. The potential for groundwater contaminants from a neighboring site to migrate to the subject property is greatly affected by the distance between the site and the subject property, and the hydrogeological conditions in the immediate area of the site. The likelihood of groundwater contamination originating from a site more than ¼ mile away from the subject property is considered to be very low.

Eighty one (81) listings were identified in the EDR database search. Of the identified listings, 53 are located more than ¼ mile away from the subject property. The potential for impact to the subject property from these sites is considered to be very low. Of the remaining 28 sites, 11 are hydraulically downgradient or crossgradient and not adjacent to the subject property. The potential for these sites to impact the subject property is considered to be low. Of the remaining 17 listings, the subject property was listed 3 times and multiple listings shared the same address. There are 11 sites discussed below.

**Boeing Isaacson Property (subject property).** The subject property, listed as the Boeing Isaacson property located at 8625 East Marginal Way South, is listed in the EDR report three times. It is listed in the Facility Index System/Facility Registry System (FINDS), Confirmed and Suspected Contaminated Sites List (CSCLS), Independent Cleanup Reports (ICR), and Ecology Voluntary Cleanup Program (VCP) databases. Metals and cyanide were confirmed at concentrations greater than Washington State Model Toxics Control Act (MTCA) cleanup levels in soil and groundwater at the subject property. The presence of metals and cyanide in soil and groundwater at concentrations greater than the MTCA Method A cleanup levels at the subject property is considered a *recognized environmental condition*.

**Lower Duwamish Waterway at River Kilometer 2.5 to 10.8.** The Lower Duwamish Waterway site is listed in the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), FINDS, and National Priorities List (NPL) databases. The sediment within the waterway is contaminated with polychlorinated biphenyls (PCBs), polycyclic aromatic hydrocarbons, mercury and other metals, and phthalates. The contamination is identified as being from multiple sources including boat manufacturing and repair, marina operations, airplane parts manufacturing, metals fabrication, combined sewer overflows, and more than 100 storm drains that flow into the Duwamish Waterway. Feasibility studies and independent cleanup actions from industries along the waterway are being conducted. The subject property is included in this area and is being evaluated by Ecology as a potential source of impact to the Waterway due to the presence of metals in soil and groundwater, as noted above.

**Boeing Isaacson Thompson.** This site, listed at 8541 East Marginal Way South, includes the subject property and is listed in the Resource Conservation and Recovery Act (RCRA) database as a small quantity generator (SQG) of hazardous waste, along with the FINDS and CSCSL databases. No violations were listed for this site. Metals have been confirmed to be present in the soil at concentrations greater than the MTCA cleanup levels and are suspected by Ecology to be present in the groundwater, based on available information. This site is awaiting Site Hazard Assessment by Ecology. The presence of metals in soil and possible presence of metals in groundwater at concentrations greater than the MTCA cleanup levels at the subject property is considered a *recognized environmental condition*.

**Boeing Thompson.** This site is listed at 8701 East Marginal Way South, which is adjacent to the subject property to the south. Boeing Thompson is listed twice in the EDR report and is in the RCRA database as a large quantity generator (LQG) of hazardous waste, and in the FINDS, Leaking Underground Storage Tank (LUST), Underground Storage Tank (UST), and the Manifest databases. No RCRA violations were listed for this site. One leaded gasoline UST was listed as removed. The size of the UST was not specified. Two exempt USTs are listed for this site, one containing heating oil and one containing used oil/waste oil. The heating oil tank capacity was listed as between 20,000 and 29,999 gallons; the used oil tank capacity was not specified. A release to soil from a UST was reported on January 1, 1984 (LUST release ID #2557), and reported cleaned up on June 5, 2000. The contents or capacity of the tank was not specified. A review of information in Ecology files regarding the UST and LUST listings was completed. The results indicate that LUST release #2557 occurred on a non-adjacent neighboring property and are summarized in Section 6.6. This site is considered to have a low potential to impact the subject property.

**Jorgensen Forge Corp.** This site is listed twice in the EDR report at 8531 East Marginal Way South, adjacent to the north of the subject property. Jorgensen Forge Corp. is listed in the RCRA-LQG, Toxic Chemical Release Inventory System, RCRA Administrative Action Tracking System, CSCSL, CSCSL No Further Action (NFA), Manifest, ICR, LUST, UST, and Brownfields databases. Impact to groundwater is suspected by Ecology and PCBs, metals, and cyanide have been confirmed in soil at concentrations greater than MTCA soil cleanup levels. The Ecology site status is listed as “ranked and awaiting remedial action” (Ecology website 2008a). There is a total of 13 RCRA violations listed for this site. Six of the violations were related to generator-general requirements, two were related to generator-other requirements, two were related to land-ban requirements, two were related to generator-all requirements, and one was related to generator-manifest requirements. These violations resulted in four compliance evaluation inspections and one other evaluation. According to the UST database, three leaded gasoline USTs were removed from this site. A LUST release, which affected the groundwater and soil, occurred at this site and was reported cleaned up in 1999. Given that soil contamination has been identified at this site, that impact to groundwater is suspected by Ecology, and that this site is located adjacent to the north of the subject property, there is the potential for impacted groundwater (if present) at this site to impact groundwater at the subject property; therefore, this site is considered to be a *recognized environmental condition* for the subject property.

**Kenworth Truck Plant.** This site is located approximately 250 ft south of the subject property at 8801 East Marginal Way South and is listed twice in the EDR report. This site is listed in the CERCLIS No Further Remedial Action Planned (CERC-NFRAP), RCRA-SQG, FINDS, LUST, CSCSL, ICR, and Manifest databases. Impacts to soil and groundwater have been identified at this property and

impacts to sediment and surface water are suspected. The contaminants of concern consist of petroleum products, phenolic compounds, non-halogenated solvents, halogenated organic compounds, and metals. There are no active USTs listed for this site. A LUST release was reported for the site and cleanup reportedly started in 1999. Ecology received four interim cleanup reports between 1990 and 2000 that identified impacts to soil, groundwater, and surface water. The current status of this site is not listed in the EDR report. Three RCRA violations are listed for the site. All three violations were related to generator-all-requirements (oversight) and a compliance evaluation inspection was conducted for each of the three violations. Given that this site is located crossgradient and not adjacent to the subject property, the potential for this site to impact the subject property is considered to be low.

**Peretti Frank.** This site is listed in the EDR report at 9000 East Marginal Way South, approximately 947 ft southeast of the subject property. This site is listed in the EDR Historical Auto Stations database. The database indicates an automobile service station was at the site from 1935 to 1940. This site is not listed in any of the regulatory databases and there have been no reported releases at this site; therefore, this site is considered to have a low potential to impact the subject property.

**Emerald Tool Inc.** This site is located approximately 1,000 ft southeast of the subject property and is listed in the Hazardous Site List database with a ranking of 5 (lowest level of concern to Ecology). Given that there have been no reported releases to the groundwater, this site is considered to have a low potential to impact the subject property.

**Toellner Aug.** This site is located approximately 1,000 ft southeast of the subject property at 9001 East Marginal Way South, and is listed in the EDR Historical Auto Stations database. The database indicates an automobile service station was at the site in 1935. This site is not listed in any of the regulatory databases, and there have been no reported releases; therefore, this site is considered to have a low potential to impact the subject property.

**Boeing King County Airport Office Center.** This site is located approximately 1,000 ft southeast of the subject property at 9010 East Marginal Way South. The property is listed in the RCRA-SQG and FINDS databases. There are no violations reported for this site. Given that there have been no reported releases to the groundwater, this site is considered to have a low potential to impact the subject property.

**Boeing Air Traffic Control Tower.** This site is located approximately ¼ mile north of the subject property at 8200 East Marginal Way South. The site is listed in the RCRA-SQG, and FINDS databases. There are no violations reported for this site. Given that there have been no reported releases to groundwater, this site is considered to have a low potential to impact the subject property.

As is common to database searches keyed into a geographic mapping system, EDR reported that a number of sites were not mappable (in this case, 20) due to incomplete addresses or other identifying

information. Based on Landau Associates' review of the EDR report, 19 of the sites were found to be located outside the respective search radius and are not considered to have the potential to impact the subject property. The address 8801 East Marginal Way South is listed as an orphan site. This site is located south of the adjacent property to the south of the subject property and was also identified in the EDR report as Kenworth Trucking. This site is discussed above.

## **6.2 TUKWILA FIRE DEPARTMENT / FIRE MARSHAL**

Landau Associates contacted the Tukwila Fire Department for information regarding fires, hazardous materials, and/or USTs at the subject property. According to the Tukwila Fire Department, there are no records for the subject property.

## **6.3 PUBLIC HEALTH – SEATTLE & KING COUNTY**

Landau Associates contacted Public Health – Seattle & King County regarding potential hazardous materials, public health incidents, and/or former septic systems related to the subject property. Public Health has no records for the subject property; however, the department indicated that the subject property may have been impacted by soil contamination related to the Tacoma smelter plume and provided references for studies that have been completed in the area of the subject property (Hasuko 2008). Based on a review of the references provided, the subject property is not located in an area where elevated arsenic concentrations were detected in soil (Ecology website 2008b).

## **6.4 KING COUNTY ASSESSOR**

Landau Associates reviewed available information regarding the subject property on the King County Assessor's Office website (King County website 2008). The subject property consists of one 9.84-acre parcel (0001600014). The property is listed as vacant (industrial). The address is listed as 8625 East Marginal Way South, Tukwila, Washington 98108, and The Boeing Company is listed as the taxpayer. Records indicate that this parcel was sold to The Boeing Company in 1984 by The Isaacson Corporation.

## **6.5 PUGET SOUND REGIONAL ARCHIVES**

Historical property tax and building records were reviewed at the Puget Sound Regional Archives, a branch of the Washington State Archives. Copies of the tax records are provided in Appendix D and are discussed below.

- A 576 square foot (ft<sup>2</sup>), wood frame residence (8654 East Marginal Way) was built on the subject property in 1916. The heat source for the residence was listed as “stove.” The residence was remodeled for use as an office in 1920. The tax card indicates that the subject property was owned by Duwamish Lumber Company in 1920 and was purchased by Isaacson Iron Works in 1943. A note on the tax card mentions a steel burner, shed, and iron building associated with the subject property at an address of 8655 East Marginal Way.
- A tax card from 1938 shows a photograph of a wood frame structure and an elevated storage structure. A note on the card from 1945 indicates that only one improvement was present on the subject property at that time and that all other improvements had been demolished.
- An approximately 300,000 ft<sup>2</sup> steel structure (8531 East Marginal Way) was formerly located on the subject property. The structure was built in phases between 1946 and 1955 and was used as a shop and warehouse for Isaacson Steel Works. The heat source for the structure was listed as steam. An interior drawing of the structure shows sections labeled as “fabricating shop,” “plate shop,” and storage. A rail spur is visible on the subject property in photographs included on the tax card.
- An approximately 98,000 ft<sup>2</sup> steel warehouse (8531 East Marginal Way) was built on the subject property by Isaacson Steel Works in 1955. Records indicate the structure was built on piles. No heat source was listed for the structure.
- An approximately 13,000 ft<sup>2</sup> steel frame structure (8625 East Marginal Way) was built on the subject property in 1967. Records indicate that the structure was used as an extension to the Isaacson shop. No heat source was listed for the structure. Interior drawings of the structure show two sand blast bays and a crane.

In summary, historical property tax records show that the subject property was developed with a residence in 1916. The subject property was owned by Duwamish Lumber Company in 1920 and was purchased by Isaacson Iron Works in 1943. Isaacson (which also operated the adjacent property to the north of the subject property) developed the subject property with a series of large industrial buildings between 1946 and 1967. Structures on the subject property included a fabricating shop, plate shop, steel storage areas, sandblasting areas, and cranes. The subject property previously shared the same address as the adjacent property to the north.

## **6.6 WASHINGTON STATE DEPARTMENT OF ECOLOGY**

Landau Associates reviewed records on file with Ecology regarding a LUST release at the Thompson property, located adjacent to the south of the subject property. Records received from Ecology indicate that LUST release ID #2557 (which was listed for the Thompson property on the EDR report) is associated with North Boeing Field, located east of the subject property across East Marginal Way South and not adjacent to the subject property. The potential for impact to the subject property resulting from this release is considered low.



## 7.0 PREVIOUS INVESTIGATIONS

Landau Associates reviewed Environment, Health, and Safety (EHS) files related to historical information, stormwater management, air release permitting, hazardous waste storage and disposal, and previous investigations at the subject property. Historical information obtained from Boeing EHS files is provided in the following sections. Note that Boeing purchased the subject property in 1984 to support the planned expansion of the Thompson facility, located adjacent to the south of the subject property. Several investigations were conducted prior to and after Boeing's purchase of the subject property. The investigations were generally conducted in the area including the subject property and the Thompson property. A series of figures summarizing previous investigations is provided in Appendix E. An index of the EHS files reviewed is being provided to Boeing under separate cover and the records are summarized in the following sections.

- **1945 Sources of Pollution in the Duwamish Green River Drainage Area:** The Mineralized Cell Wood Preserving Company formerly operated on or in the vicinity of the subject property, north of the former location of Slip 5. The practice of this company involved heating a solution of arsenic and sulfate salts of copper and zinc and applying the solution to the base of logs under pressure. Storage tanks associated with this operation were reportedly cleaned twice per day and sludge and remaining chemicals in the tanks were drained directly to the ground surface. The treated logs were shipped by water (Foster 1945).
- **1983 Dames & Moore and Wicks Site Investigations and Remediation:** Site investigations were completed in 1983 by Dames & Moore, as a consultant to Boeing, and Wicks, as a consultant to Isaacson Steel, prior to Boeing's purchase of the subject property. The report indicates that the adjacent property to the north of the subject property was developed by the United States Navy in 1941 as a steel melting, forging, and fabricating facility. The subject property was used for scrap metal storage. A galvanizing plant was developed in the northeastern portion of the subject property between 1943 and 1945 and was dismantled in 1967. In 1946, fill was placed to raise the grade of the subject property. Firebrick and slag from naval facilities were reportedly used to fill portions of the site. The subject property was developed in the 1950s and expanded throughout the 1960s. In 1966, Slip 5 was completely filled.

Beginning in 1972, efforts were made by Isaacson to reduce pollutants entering the Duwamish Waterway via the 48-inch storm drain, which ran across the subject property. Cooling water containing lubricating oil was generated in the vicinity of Bay 3 and was originally routed to the storm drain. The report indicates that corrective action was taken; however, details regarding the corrective action were not provided. A painting area was previously located in the area of Bays 12 and 13. A water-air wash system was used in this area to prevent paint solids from being discharged to the atmosphere. Wastewater from this system was originally routed to the storm sewer and was later disconnected. A steam-cleaning rack was formerly located near Bay 11. The rack was reportedly 8 ft by 10 ft and was located above an unlined sand and gravel sump (not connected to the sewer), which collected waste sludge and used solvent. In 1980, a catch pan was placed over the sand and gravel to catch waste sludge and used solvent.

The Dames & Moore investigation included analysis of soil, sludge, and water samples, and identified elevated concentrations of arsenic and other metals (including cadmium, chromium, copper, lead, nickel, and/or zinc) in soil and groundwater at the subject property. The source of arsenic was not identified in this report. Data indicate that elevated concentrations of metals other than arsenic may be attributable to slag, which was observed within the Slip 5 fill material. Based on the results of the investigation, approximately 500 cubic yards of arsenic-impacted soil were excavated from the courtyard area between Bays 11 and 14 (in the area of the steam-cleaning rack and sump) of the Isaacson building (Appendix E; Figure 24). Ecology issued a conditional No Further Action (NFA) determination in 1985. The NFA indicated that cleanup had been completed in accordance with the October 1984 plan and that no further cleanup would be required unless groundwater monitoring showed significant contamination, the Ecology regulations change, or the building was removed (ERM 2002).

- **1985-1987 Groundwater Monitoring:** A groundwater monitoring program was developed and implemented by Landau Associates in 1985 in accordance with the conditional NFA. Groundwater monitoring was conducted by Landau Associates from 1985 to 1987 on both the subject property and the adjacent property to the south. Samples were analyzed for dissolved arsenic only. Arsenic was detected in groundwater at concentrations greater than the applicable cleanup level.
- **1988 Site Investigation and Remediation:** Landau Associates completed a soil and groundwater investigation in 1988 as part of planned construction activities at the subject property. Boeing planned to construct Building 14-09 on the northern side of Building 14-01, which is located on the Thompson property, adjacent to the south of the subject property (note this building was never constructed). A total of 44 soil borings was advanced on the subject property and the adjacent property to the south. Eight of the soil borings were completed as monitoring wells. Arsenic was identified in soil at the subject property with the highest concentrations occurring in Bay 13 at the eastern end of Building 14-05 (former Isaacson Steel building on the subject property), in the courtyard area between Bay 11 and Bay 14, and in Bay 3. Arsenic concentrations detected in these areas were up to 2,840 milligrams per kilogram (mg/kg) at a depth of 0 ft to 5 ft below ground surface (BGS), up to 4,120 mg/kg at a depth of 5 ft to 10 ft BGS, and up to 511 mg/kg at a depth of 10 ft to 15 ft BGS. Arsenic was detected in groundwater at concentrations of up to 15,000 micrograms per liter ( $\mu\text{g/L}$ ), with the highest detected concentrations occurring near Bay 5, in the central portion of the subject property (Landau Associates 1988). Based on the results of the investigation, approximately 4,800 cubic yards of soil were excavated from the courtyard and Bay 13 (Appendix E; Figure 24). Approximately 3,000 cubic yards of soil were transported off site for disposal and the remaining soil was used to backfill the excavation based on analytical results. (ERM 2002).
- **1989 Construction Issues Report:** A 1989 report by Landau Associates identified sources of Slip 5 fill materials including waste and slag material from nearby steel manufacturing, spent firebrick from heat-treating furnaces, brick from forging and melt shops, steel scale generated from forging, excavated material from the foundation for Building 14-05, soil and other material excavated for construction of the Seattle-First National Bank Building, and demolition debris (Landau Associates 1989).
- **1989-1990 Storm Drain Construction:** Boeing realigned a storm drain line on the subject property in 1989 and 1990 in preparation for the planned construction of Building 14-09. Grid sampling was completed along the planned drain alignment and identified 20,000 to

40,000 cubic yards of additional arsenic-impacted soil that warranted remediation. During realignment of the storm drain, excavated soil with arsenic concentrations greater than 200 mg/kg (the MTCA Method A cleanup level for industrial soil in 1990) was transported off site for disposal. Excavated soil with arsenic concentrations less than 200 mg/kg was used as backfill (Appendix E; Figure 24).

- **1991 Soil Stabilization:** Between August and November 1991, Boeing completed a large-scale soil stabilization project on the subject property. Approximately 35,000 tons of soil were excavated and treated using a chemical and physical stabilization process. Compliance monitoring was conducted during the excavation. Soil with arsenic concentrations greater than 200 mg/kg was treated. The stabilized soil was replaced in the ground and paved over to prevent stormwater infiltration. The volume of the stabilized soil was greater than the volume of the non-treated soil, which resulted in a mound when the material was placed back in the ground. Soil with arsenic concentrations greater than 200 mg/kg remains in some locations along the northern boundary of the excavation. Further excavation was not conducted due to the potential to compromise the storm drain line (Appendix E; Figure 24).
- **1992–1996 Groundwater Monitoring:** Compliance groundwater monitoring was conducted at the combined Thompson-Isaacson site following soil stabilization. Five monitoring wells (I-104, I-200, I-203, I-205, and I-206) comprised the monitoring network (Appendix E; Figure 26). Data indicate that the downgradient wells (I-104, I-203, and I-205) were in compliance with the chronic ambient water quality criterion for arsenic (190 µg/L). The samples from monitoring well I-206 had concentrations greater than the criterion. This well is located at the southwestern corner of the Boeing Thompson property, adjacent to the south of the subject property (GeoEngineers 1997).
- **1996 I-206 Supplemental Soil and Groundwater Investigation:** Concentrations of arsenic in samples from well I-206 have historically been significantly higher than the concentrations detected at the remaining monitoring well locations. The detected concentration of dissolved arsenic for well I-206 in April 1996 was 1,800 µg/L compared to concentrations ranging from 2 µg/L to 320 µg/L in the remaining four wells. In 1996, GeoEngineers advanced six soil borings in the area of monitoring well I-206 in an attempt to identify a source for the arsenic in groundwater at well I-206. A total of 63 soil samples and 6 groundwater samples was collected for analysis. Arsenic concentrations in soil ranged from 0.7 mg/kg to 43 mg/kg. Dissolved arsenic concentrations in groundwater ranged from 66 µg/L to 660 µg/L. The investigation did not identify a source for the arsenic impact to groundwater (GeoEngineers 1997).
- **2000 Hydrogeologic Characterization:** Groundwater flow at the subject property is generally west-southwest toward the Duwamish Waterway and semiradially inward toward the former Slip 5. Tidal effects on groundwater were observed across the subject property with the highest degree of fluctuation observed in the wells and piezometers within 400 ft of the waterway (ERM 2002).
- **2000 Request for No Further Action Determinations:** In 2000, Boeing submitted a request to Ecology for a conditional NFA determination for the subject property. Ecology requested additional information on soil and groundwater conditions. In November 2000, Boeing submitted separate requests for NFA determinations for soil and groundwater for the Isaacson property. Ecology indicated that additional soil characterization and possible remediation may be required prior to issuance of an NFA determination. In addition, Ecology indicated

that the applicable groundwater cleanup level for arsenic at the Isaacson site would be 2.7 µg/L based on the background concentration detected in well I-200 (ERM 2002).

- **2002 Summary of Condition of Soil and Groundwater at the Subject Property:** ERM summarized detections of arsenic in three zones of soil at the subject property, using data from previous investigations conducted from 1984 to 2000. Arsenic concentrations ranged from 2 mg/kg to 510 mg/kg at 0 ft to 5 ft BGS, from <2 mg/kg to 3,500 mg/kg at 6 ft to 10 ft BGS, from 2 mg/kg to 1,200 mg/kg at 11 ft to 15 ft BGS, and from <2 mg/kg to 191 mg/kg at depths greater than 16 ft BGS. The highest concentrations of arsenic at the subject property were detected in soil samples collected from along the northern boundary of the stabilized soil excavation.

Concentrations of dissolved arsenic in groundwater ranged from 2.7 µg/L to 1,350 µg/L in samples collected in October 2000. The highest concentration of arsenic was detected at well I-206 located in the southwestern portion of the Thompson property, located adjacent to the south of the subject property. Arsenic was detected at a concentration of 2.8 µg/L in a sample collected from a piezometer (PZ-8) located approximately 80 ft west of well I-206, between I-206 and the Duwamish Waterway (ERM 2002). A 1996 soil and groundwater investigation by GeoEngineers did not identify the source for the arsenic impact to groundwater at monitoring well I-206.

- **2006 Sump Removal:** During a site reconnaissance in 2006, an open-top sump was discovered under a steel plate in the northeastern corner of the subject property. The sump appeared to be associated with the storm drain system. The sump was removed in November 2006, along with approximately 2 ft of surrounding soil. Three confirmation soil samples were collected from the excavation and analyzed for total petroleum hydrocarbons (TPH), volatile organic compounds, semivolatile organic compounds, PCBs, and metals. Arsenic was detected in the confirmation samples at concentrations ranging from 6.6 mg/kg to 25.1 mg/kg, which were well below the remediation goal of 200 mg/kg that had previously been established for the subject property. The detected concentrations in two samples were slightly greater than the MTCA Method A soil cleanup level (20 mg/kg) (Landau Associates 2007).
- **2007 and 2008 Groundwater Sampling Events:** Groundwater samples were collected from five existing monitoring wells, two existing piezometers, and one seep located at the combined Thompson-Isaacson site in September 2007 and June 2008, including three monitoring wells (I-104, I-200, and I-203), one piezometer (PZ-7), and one seep (I-Seep) located on the subject property. During the 2007 sampling event, arsenic was detected at concentrations ranging from 0.9 µg/L at I-200, located along the eastern subject property boundary, to 3,600 µg/L at I-104 located in the northwestern portion of the subject property. The detected concentration of dissolved arsenic in the seep sample was 5 µg/L (Syverson 2007). During the 2008 sampling event, dissolved arsenic was detected at concentrations ranging from 0.7 µg/L at I-200 to 3,640 µg/L at I-104. The detected concentration of dissolved arsenic in the seep sample was 3.4 µg/L (ARI 2008a,b).
- **2008 Stabilized Soil Disposal Characterization:** In January 2008, Landau Associates excavated test pits and collected samples from the stabilized soil mound to characterize the stabilized material for potential excavation and offsite disposal. Seven test pits were completed to a depth of approximately 4 ft BGS and samples were collected from two depth intervals at each test pit location. Samples were analyzed for total and toxicity characteristic leaching procedure (TCLP) metals. In addition, the samples were analyzed for TPH. Total

arsenic was detected in each of the samples at concentrations up to 1,700 mg/kg. TCLP arsenic concentrations ranged from less than 0.1 milligrams per liter (mg/L) to 2.0 mg/L and were all below the universal treatment standard of 5.0 mg/L. Based on the analytical results, the stabilized soil is not designated as hazardous waste (Landau Associates 2008).

Information reviewed regarding stormwater management permits are as follows:

- The subject property operates under Industrial Stormwater General Permit #S03-000148D jointly with the Thompson site. The permit included in the file was valid through May 31, 2008. Ecology conducted an inspection of the subject property in April 2007. The inspection report indicates that benchmark levels for zinc were exceeded in water samples collected from stormwater discharge points; however, no violations or other concerns were identified. A July 2007 letter from Boeing to Ecology indicated that no specific sources of zinc had been identified at the subject property.
- The stormwater pollution prevention plan for the combined Thompson and Isaacson properties indicates that there are 81 catch basins, 23 storm drains, and 2 oil/water separators located on the combined properties. Stormwater from the subject property discharges to the Duwamish Waterway via two outfalls. In addition, a 48-inch storm line, which receives water from the King County International Airport, located east of the subject property, across East Marginal Way South, crosses the subject property and discharges to the Duwamish Waterway via an outfall. The configuration of the 48-inch drain line is shown on Figure 2 in Appendix E.

Information reviewed regarding storage tanks is summarized in Table 4 and is as follows:

- Four 6,000-gal diesel USTs were previously located on the southern side of former Building 14-05 (see Figure 3), in the southeastern portion of the subject property. The tanks were removed in 1985. There is no information regarding the condition of the tanks or the surrounding subsurface soil.
- Three sumps were formerly located on the northern side of Building 14-08 (Figure 3), which was located along the eastern subject property boundary and was reportedly used in the late 1980s by Boeing for accumulation of hazardous waste (Bach 2008). The sumps reportedly contained paint sludge and were removed in 1985. There is no available information regarding the condition of the sumps or the surrounding subsurface soil.
- A fuel oil UST of unknown size was formerly located on the northern side of Building 14-05 (Figure 3). The UST was removed in 1985. There is no available information regarding the condition of the tank or the surrounding subsurface soil.
- There are no known USTs in place at the subject property at this time.

Information reviewed regarding hazardous waste activities is summarized as follows:

- There is currently no hazardous waste activity associated with the subject property. Previous hazardous waste activities at the subject property (during Boeing's ownership of the property) were handled under the generator identification number for the combined Thompson – Isaacson site (ID #WAD980836159), which is not currently active. The Thompson site is currently listed as a large quantity generator of hazardous waste under generator ID #WAD980982912 (EPA website 2008).

## **8.0 SITE RECONNAISSANCE**

On January 31, 2008, Ms. Kathryn Hartley and Mr. Brett Borgeson of Landau Associates conducted a reconnaissance of the subject and adjacent properties to assess current land use activities and environmental conditions. Landau Associates personnel were accompanied by Ms. Kathryn Lewis and Mr. Raymond Power of Boeing. The reconnaissance was documented with notes and photographs. Observations made during the reconnaissance are discussed below and selected site photographs are provided in Appendix F. Tables 5 and 6 summarize information regarding environmental conditions at the subject and adjacent properties, respectively.

### **8.1 SUBJECT PROPERTY**

This section presents information on environmental conditions observed at the subject property during the site reconnaissance. The focus of the reconnaissance was to visually identify conditions that have the potential to cause adverse environmental impacts at the subject property that could pose an environmental liability to a property owner or operator. The results of the site reconnaissance (see Table 5) are summarized below.

- The subject property is 9.84 acres in size. There are no structures located on the subject property. The surface of the subject property is entirely covered by asphalt or concrete. Areas of concrete appear to be associated with old building foundations. An asphalt-paved mound is present in the north-central portion of the subject property, resulting from a soil stabilization project that was completed at the subject property in 1991. The highest point of the mound is approximately 6 to 7 ft higher than the surrounding grade.
- The subject property is currently used by Boeing for limited storage of empty containers and for truck parking.
- A 48-inch storm drain line is located on the subject property and conveys stormwater from a portion of the KCIA located east of the subject property, across East Marginal Way South. Five manholes associated with the drain line are visible on the subject property.
- One pole-mounted electrical transformer was observed along the eastern boundary of the subject property. The transformer was in good condition at the time of the site reconnaissance. There were no visible labels regarding PCB content.

Based on the site reconnaissance, the condition of the subject property has not changed since the soil stabilization was completed in 1991. As discussed above, soil with arsenic concentrations greater than the applicable cleanup levels has been detected in areas of the subject property that are outside of the stabilized soil area.

## 8.2 ADJACENT PROPERTIES

As part of the site reconnaissance, Landau Associates examined the adjacent properties from the subject property and adjacent public areas. Table 6 presents the results of the checklist for the adjacent properties based on observations made at the time of the site reconnaissance. The adjacent properties are shown on Figure 2. The subject property is located in an area of industrial properties and is bordered on the north by Jorgensen Forge Corporation, on the west by the Duwamish Waterway, on the south by the Boeing Thompson site, and on the east by East Marginal Way South followed by industrial/commercial businesses and KCIA/Boeing Field.

According to the website for the Jorgensen Forge Corporation, this facility is an open die manufacturing facility that consists of a melt shop, forging and machining operations, and heat treating operations. This facility has been in operation for approximately 67 years and serves the aircraft, aerospace, oil and gas, marine shafting, defense, power generation, and general industrial markets (Jorgensen Forge website 2008). Based on the long-term, heavy industrial use of this property, impacts to soil and groundwater are likely present on the Jorgensen site. The nature and extent of any contamination to subsurface soil and groundwater at this site is not known and is considered to be a data gap for this Phase I ESA. Any contaminants in groundwater at the Jorgensen site have the potential to migrate to the subject property via groundwater; therefore, this data gap is considered to be significant to evaluating current conditions on the subject property.

The Boeing Thompson site is located adjacent to the south of the subject property. Hazardous materials storage trailers were observed on the Thompson site. Electrical transformers were observed on the northern side of Building 14-02, located in the western portion of the Thompson site. Four aboveground storage tanks (ASTs) were observed on the Thompson site. The ASTs were observed to be in good condition and no releases were observed.

Pole-mounted electrical transformers were observed to the east of the subject property, along East Marginal Way South. The transformers were not marked as to PCB content and were observed to be in good condition at the time of the site reconnaissance.

During the site reconnaissance, no conditions were observed on the adjacent properties to the south, west, or east that are considered to represent potential environmental concerns for the subject property.



## **9.0 INTERVIEWS**

No interviews were completed as part of this assessment. Sufficient file information is available regarding the history of operations at the subject property and the history of previous environmental investigations.

## 10.0 SUMMARY AND CONCLUSIONS

Landau Associates has performed a Phase I ESA for the 9.84-acre Isaacson property, located at 8625 East Marginal Way South in Tukwila, Washington, in conformance with the scope and limitations of the ASTM Phase I ESA practice as part of an Environment, Health, and Safety (EHS) assessment for Boeing. The subject property is made up of one parcel (0001600014), which is paved and currently used for limited storage and parking by Boeing. There are currently no structures on the subject property.

This assessment has revealed the following *recognized environmental conditions*, as defined by ASTM, in connection with the subject property:

- Arsenic has been detected in soil and groundwater at the subject property at concentrations greater than the MTCA cleanup levels during previous investigations. Arsenic was detected in groundwater at the subject property at concentrations ranging from 0.7 µg/L to 3,640 µg/L during the most recently sampling event in 2008, with the highest concentration detected in the northwestern portion of the property. The highest detected concentration of arsenic in soil at the subject property (outside of the areas where excavations have subsequently occurred) is 3,500 mg/kg, which was detected in a sample collected in 1988 from along the northern boundary of the stabilized soil excavation. The presence of arsenic in soil and groundwater from the subject property at concentrations greater than MTCA cleanup levels is a *recognized environmental condition*.
- Based on previous subsurface investigations at the subject property, fill material within the former Slip 5 area includes bricks, wood debris and slag material. Debris within the fill material is a potential source of impact to subsurface soil and groundwater at the subject property. Metals have been detected in the fill material at concentrations greater than the MTCA Method A cleanup levels. The presence of metals at concentrations greater than the MTCA cleanup levels is a *recognized environmental condition*.
- Four diesel USTs, three sumps, and one fuel oil UST were formerly in operation on the subject property. Available records indicate that the tanks and sumps have been removed; however, there is no available information regarding the condition of the tanks or the surrounding subsurface soils. Due to the lack of data for confirmation soil samples, the former presence of petroleum USTs on the subject property is a *recognized environmental condition*.
- Historical records indicate that the Mineralized Cell Wood Preserving Company formerly operated on or in the vicinity of the subject property, north of the former location of Slip 5. The practice of this company involved heating a solution of arsenic and sulfate salts of copper and zinc and applying the solution to the base of logs under pressure. Storage tanks associated with this operation were reportedly cleaned twice per day and sludge and remaining chemicals in the tanks were drained directly to the ground surface. The release of arsenic and metals to the ground surface and the potential for impact to the subject property is a *recognized environmental condition*.

The following additional *recognized environmental condition* was identified associated with the adjacent or surrounding properties:

- Impacts to soil have been identified at the Jorgensen Forge Corporation site located adjacent to the north of the subject property. Impacts to groundwater are also suspected by Ecology to be present. The contaminants of concern consist of PCBs, metals, and cyanide. The current status of this site is not known. The potential exists for this site to impact the subject property and is considered a *recognized environmental condition*.

Other findings of our investigations include:

- Based on subsurface explorations completed on and in the area of the subject property, soil conditions at the subject property consist of approximately 6.5 to 17.5 ft of fill overlying native tideflat and river deposits with the thickest layers of fill occurring in the area of the former Slip 5. The fill generally consists of silty sand to sandy gravel. Fill material within the former Slip 5 area include bricks, wood debris and slag material. The near-surface groundwater regime within the Duwamish River valley is generally characterized as a shallow, single aquifer system. The subject property is located on the eastern bank of the Duwamish Waterway, at approximately 14 ft above mean sea level. Shallow groundwater (generally less than 10 ft BGS) is present throughout the subject property area. Based on topography and groundwater investigations conducted in the area, groundwater flow is generally to the west toward the Duwamish Waterway.
- Based on a review of aerial photographs, topographic maps, and property tax records, the subject property was originally developed with a residence in 1916, which was converted for use as an office in 1920. The subject property was occupied by two saw/lumber mills from prior to 1929 until the early 1940s. The subject property was purchased by Isaacson Iron Works in 1943 and was developed by Isaacson beginning in the mid-1940s and continuing into the mid-1960s. The subject property was purchased by Boeing in 1984 and the structures were removed from the property between 1985 and 1990.

## 10.1 DATA GAPS

The data gaps identified during our assessment and their potential impact on our findings are as follows:

- **Condition of soil and groundwater at Jorgensen Forge Corporation site.** Contaminants of concern have been identified in soil and groundwater at the Jorgensen Forge site, located adjacent to the north of the subject property. The current status of cleanup at this site is not known. Given that there is the potential for contaminants of concern in groundwater at the Jorgensen site to migrate to the subject property via groundwater, this data gap is considered to be significant to evaluating current conditions on the subject property.

## **11.0 USE OF THIS REPORT**

This Environment, Health, and Safety (EHS) Assessment/Phase I Environmental Site Assessment (ESA) was undertaken and this report prepared for the exclusive use of Boeing (authorized users) for specific application to the subject property. It is intended to provide the authorized users with an understanding of the potential environmental liabilities associated with the property evaluated in this report. Reliance on this report by third parties or others who do not have a contractual relationship with Landau Associates on this project is at the sole risk of the third parties or others.

This report is based on observations and information obtained during one visit to the subject property and is based solely on the condition of the property on that day, supplemented with information obtained by Landau Associates and described herein. In evaluating the site, Landau Associates has relied in good faith on representations and information abstracted from sources noted in this report to the extent that they have not been contradicted by observations during the site reconnaissance or data obtained from other sources. Accordingly, Landau Associates accepts no responsibility for any deficiency, misstatements, omissions, or misrepresentations in the information provided to us.

Determining whether environmental conditions defined in this report indicate the presence of contamination at levels of concern is a matter of judgment. Liabilities associated with contaminated sites are defined in part by CERCLA. The findings and conclusions of this report are based on our evaluation of information obtained and reviewed for this project and reflect our professional judgment with respect to that information.

Landau Associates has performed the services and made the findings in accordance with generally accepted practices for Phase I ESAs in effect in Washington at the time the services were performed. The scope of services for this Phase I ESA was defined in our proposal and, unless specifically included in our scope of services and in this report, this Phase I ESA did not include services related to asbestos, radon, lead paint, lead in drinking water, wetlands, or indoor air quality or vapor intrusion issues (including the potential presence of mold or other biological contaminants).

This warranty stands in lieu of all other warranties, express or implied. While this report can be used as a guide, it is neither a rejection nor an endorsement of the property. It must also be understood that changing circumstances in the environment and use of the property can alter the conclusions and findings contained in this report.

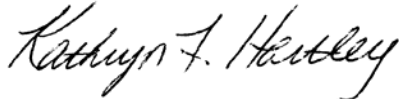
### **11.1 ENVIRONMENTAL PROFESSIONAL STATEMENT**

We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in § 312.10 of 40 CFR 312, and we have the specific

qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all appropriate inquiries in general conformance with the standards and practices set forth in 40 CFR Part 312 and ASTM E 1527-05.

Qualifications of the environmental professionals responsible for the site reconnaissance and generation of this report are provided in Appendix G.

LANDAU ASSOCIATES, INC.



Kathryn F. Hartley  
Senior Staff Scientist



Timothy L. Syverson, L.G.  
Senior Associate Geologist

KFH/TLS/ccy

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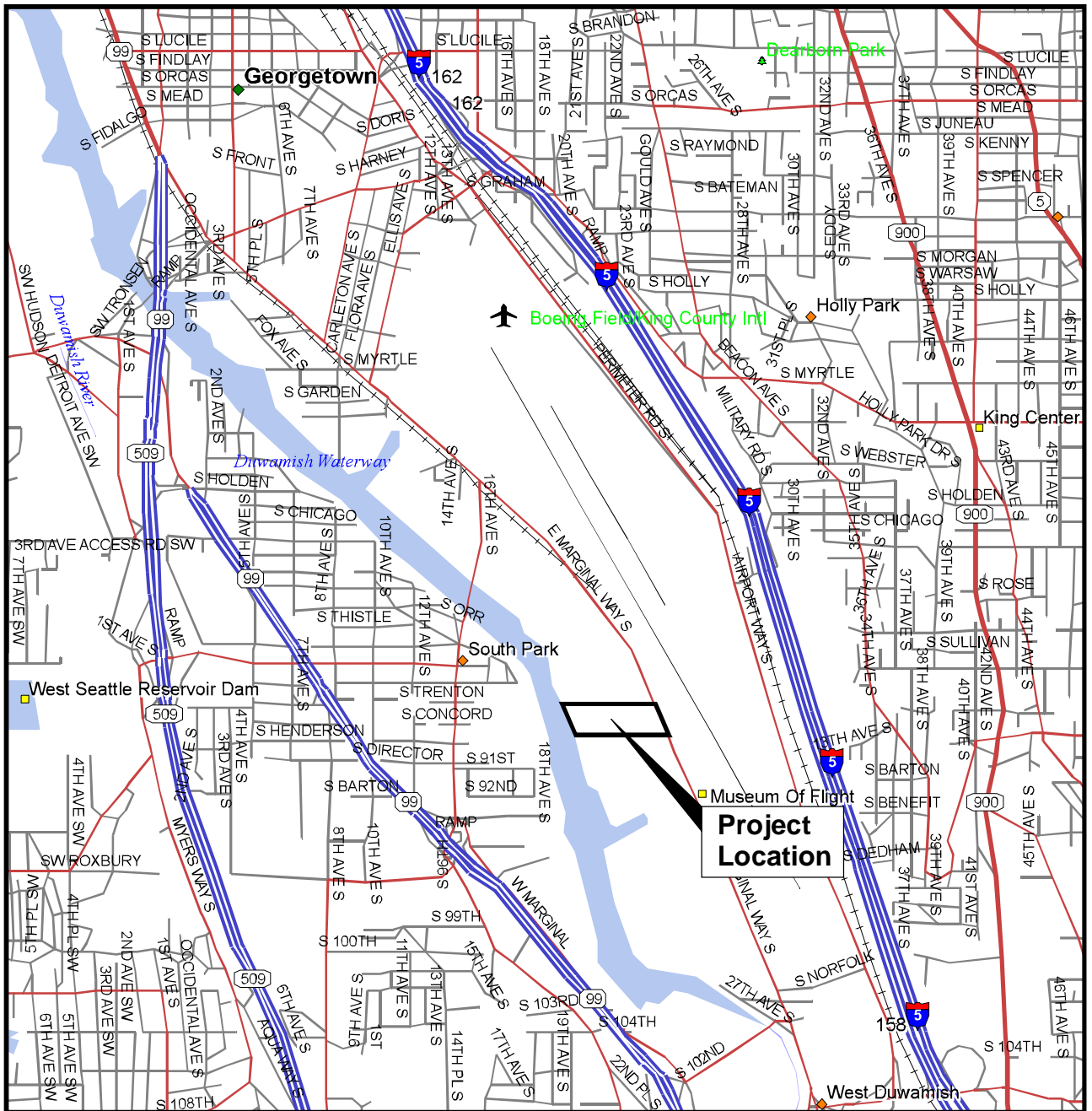
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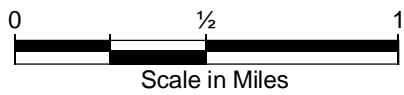
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Map from DeLorme Street Atlas USA, 2002

Boeing Isaacson Property | V:10251731061\101\Fig1.cdr 4/10/2008



Boeing Isaacson Property  
Tukwila, Washington

Vicinity Map

Figure  
**1**



**Legend**

- Soil Mound Extent
- Isaacson Property Boundary
- Parcel Boundary

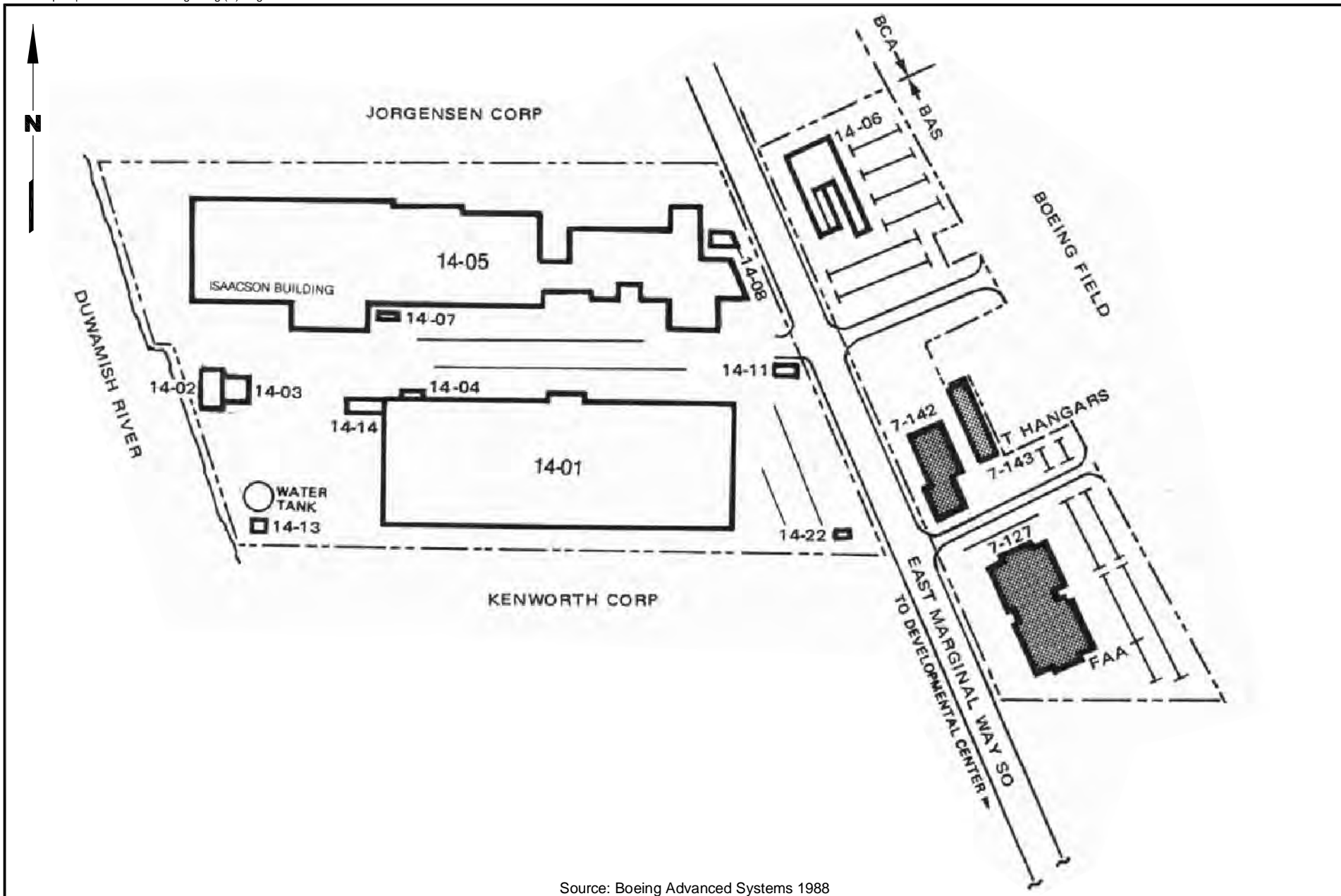
Data Source: Terra Server 2002 Aerial Photograph, King County Parcel Data



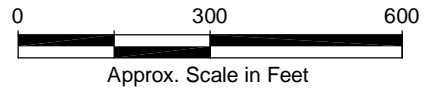
Boeing Isaacson Property  
Tukwila, Washington

Site Plan

Figure  
2



Source: Boeing Advanced Systems 1988



Boeing Isaacson Property  
Tukwila, Washington

**Historical Site Features of  
Isaacson / Thompson Site**

Figure  
**3**

**TABLE 1**  
**SUMMARY OF ENVIRONMENTAL SITE ASSESSMENT ELEMENTS**  
**ISAACSON PROPERTY - TUKWILA, WASHINGTON**

Phase I ESA Element per ASTM E 1527-05 (Including Elements of All Appropriate Inquiry Rule)	Report Section in Phase I ESA Where Element is Addressed	Comment
<b>Inquiry Performed by Environmental Professional</b>		
	Section 11.1	
<b>Visual Inspection by Environmental Professional</b>		
Interior of subject property	Section 8.1	There are no structures located on the subject property.
Exterior of subject property	Section 8.1	
Adjacent properties	Section 8.2	Visual inspection conducted from public rights-of-way.
<b>Interviews</b>		
Current owner	Section 9.0	No interviews conducted. Adequate file information.
Past owners	Not conducted	No interviews conducted. Adequate file information.
Key site manager	Section 8.0	Representatives of Boeing accompanied Landau Associates during the site reconnaissance.
Current occupants/operators	Section 8.0	Representatives of Boeing accompanied Landau Associates during the site reconnaissance.
Past occupants/operators	Not conducted	No interviews conducted. Adequate file information.
Neighboring property owners (in the case of abandoned properties)	Not conducted	The subject property is not abandoned.
Local fire department	Section 6.2	Tukwila Fire Department
Local health department	Section 6.3	Public Health - Seattle & King County; no records available
State or local agency with jurisdiction over environmental matters	Section 6.3 / Section 6.6	Public Health - Seattle & King County / Washington State Department of Ecology
Local agency responsible for building permits and groundwater use permits	Section 6.5	Building records were reviewed at Puget Sound Regional Archives.
<b>Historical Source Review (first developed use or 1940, 5-year intervals)</b>		
Aerial photographs	Section 4.1	
Fire insurance maps	Section 4.3	
Property tax files	Section 6.4 / Section 6.5	Records obtained from King County Assessor's website and Puget Sound Regional Archives.
Land title records	Section 4.5	
U.S. Geological Survey topographic maps	Section 4.2	
Local street directories	Section 4.4	
Building department records	Section 6.5	Building records were reviewed at Puget Sound Regional Archives.
Zoning/land use records	Section 6.4	Records obtained from King County Assessor's website.
Other historical sources	Section 7.0	Records regarding previous assessments of the subject property and surrounding area sites were reviewed.



**TABLE 1**  
**SUMMARY OF ENVIRONMENTAL SITE ASSESSMENT ELEMENTS**  
**ISAACSON PROPERTY - TUKWILA, WASHINGTON**

Phase I ESA Element per ASTM E 1527-05 (Including Elements of All Appropriate Inquiry Rule)	Report Section in Phase I ESA Where Element is Addressed	Comment
<b>Government Record Review</b>		
Federal sites, including institutional controls and engineering controls registries	Section 6.1	
State sites, including institutional controls and engineering controls registries	Section 6.1	
Tribal sites, including institutional controls and engineering controls registries	Section 6.1	No tribal sites identified within 1 mile of subject property.
Local sites	Section 7.0	Records regarding previous assessments of the subject property and surrounding area sites were reviewed.
<b>Report Preparation</b>		
Scope of services	Section 1.0	
Documentation of findings	Sections 3, 4, 5, 6, 7, 8, 9	
Opinion regarding recognized environmental conditions at the subject property		Provided under separate cover per user request
Opinion regarding requirement for additional investigation at the subject property		Provided under separate cover per user request
Data gaps assessment/attempts to fill them	Section 10.1	
Conclusions	Section 10.0	
Detail of deviations from the ASTM standard	Table 1	
References	Section 12.0	
Signature	Section 11.0	
Environmental professional statement	Section 11.1	
Appendices including supporting documentation and qualifications of environmental professional	A-G	
<b>Review of User-Provided Information Conducted by Environmental Professional</b>		
Environmental cleanup lien search	Section 4.5	Title documents were reviewed; no liens were identified
Specialized and actual knowledge	Section 5.0	
Consider purchase price to fair market value	Section 5.0	No information provided by user.
Consider commonly known information	Section 5.0	
Consider degree of obviousness of contamination	Sections 3, 4, 5, 6, 7, 8, 9, 10	

**TABLE 2**  
**SUMMARY OF ENVIRONMENT, HEALTH, AND SAFETY ELEMENTS**  
**ISAACSON PROPERTY - TUKWILA, WASHINGTON**

Environmental Health & Safety Element per Boeing Protocol	Report Section in Phase I ESA Where Element is Addressed	Comment
<b>Identification of EHS Issues</b>		
Known or likely presence of asbestos-containing materials, lead-based paint, mold, radon, radioactive materials, toxic dust, and/or polychlorinated biphenyls	Section 7.0	There are no structures present on the subject property.
<b>Interviews</b>		
Boeing Personnel	Section 8.0	Representatives of Boeing accompanied Landau Associates during the site reconnaissance.
Non-Boeing Personnel	Not conducted	Sufficient file information was available regarding the history of the subject property.
<b>Review and Index of EHS Files</b>		
Boeing Provided Files	Section 7.0	A complete index of files reviewed as part of this assessment is provided under separate cover. A summary of the reviewed files is included in Section 7.0.
Landau Associates Files	Section 7.0	Documents regarding previous environmental investigations completed in the area of the subject property by Landau Associates on behalf of Boeing were reviewed as part of this assessment.
<b>EHS Permits</b>		
Agency and City Records Review	Section 7.0	Permits were included in EHS documents provided by Boeing.
<b>Phase I ESA / EHS Assessment Report</b>		
Phase I ESA / EHS Assessment Report	Section 1.0 to Section 12.0	The Phase I ESA / EHS Assessment report meets the requirements of ASTM E 1527-05 and is consistent with EPA standards for AAI under CERCLA Section 101(35)(B)(i)(I), 101(35)(B)(ii) and (ii) and 40 CFR 312.
Supporting Documentation	Appendices A-G	Supporting documentation including copies of aerial photographs, topographic maps, Environmental Data Resources reports, historic property tax records, site photographs, and qualifications are provided as appendices to the Phase I ESA report.

**TABLE 3**  
**SUMMARY OF REGULATORY DATABASE SEARCH RESULTS**  
**ISAACSON PROPERTY – TUKWILA, WASHINGTON**

Database	Search Radius (Miles)	Number of Sites Identified
NPL	1	1
PROPOSED NPL	1	1
CERCLIS	½	1
CERCLIS – NFRAP	½	5
CORRACTS	1	4
RCRA – TSD	½	1
RCRA – LQG	¼	3
RCRA – SQG	¼	10
CSCSL	1	29
HSL	1	1
CSCSL – NFA	½	5
LUST	½	14
UST	¼	4
MANIFEST	¼	4
ICR	½	21
VCP	½	4
BROWNFIELDS	½	1
EDR Historical Auto Stations*	¼	2

## Notes:

NPL	National Priority List
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CERCLIS – NFRAP	Comprehensive Environmental Response, Compensation and Liability Information System – No Further Remedial Action Planned
CORRACTS	Corrective Action Sites
RCRA – TSD	Resource Conservation and Recovery Act – Treatment, Storage, Disposal
RCRA – LQG	Resource Conservation and Recovery Act – Large Quantity Generator of hazardous waste
RCRA – SQG	Resource Conservation and Recovery Act – Small Quantity Generator of hazardous waste
CSCSL	Confirmed and Suspected Contaminated Sites List
HSL	Hazardous Sites List
CSCSL – NFA	Confirmed and Suspected Contaminated Sites List – No Further Action
LUST	Leaking Underground Storage Tank database
UST	Underground Storage Tank database
MANIFEST	Hazardous waste manifest data
ICR	Independent Cleanup Report database
VCP	Voluntary Cleanup Program sites database
BROWNFIELDS	Brownfields Sites database

\* These records are EDR proprietary records. Specific sources for these records are not provided and these records are not part of a standard ASTM-compliant database review.



**TABLE 4**  
**STORAGE TANK INVENTORY**  
**ISAACSON PROPERTY – TUKWILA, WASHINGTON**

<b>Tank Number</b>	<b>Type</b>	<b>Building</b>	<b>Location</b>	<b>Purpose</b>	<b>Contents</b>	<b>Size (gallons)</b>	<b>Status</b>
TS-05	UST	14-05	Southeast Yard	Storage for dispensing	Diesel	6,000	Removed
TS-06	UST	14-05	Southeast Yard	Storage for dispensing	Diesel	6,000	Removed
TS-07	UST	14-05	Southeast Yard	Storage for dispensing	Diesel	6,000	Removed
TS-08	UST	14-05	Southeast Yard	Storage for dispensing	Diesel	6,000	Removed
TS-09	Sump	14-08	North Yard	Unknown	Paint Sludge		Removed
TS-10	Sump	14-08	North Yard	Unknown	Paint Sludge		Removed
TS-11	Sump	14-08	North Yard	Unknown	Paint Sludge		Removed
TS-12	UST	14-05	North Yard	Reserve Boiler Fuel	Fuel Oil	Unknown	Removed

UST = Underground storage tank

**TABLE 5**  
**SUBJECT PROPERTY CHECKLIST**  
**ISAACSON PROPERTY – TUKWILA, WASHINGTON**

Checklist Item	Present	Not Observed	Remarks
Chemical Storage Areas		√	
Solid Waste		√	
Hazardous Waste		√	
Evidence of Dumping		√	
Use of Fill Material	√		Fill material was not observed at the time of the site reconnaissance; however, a slip of the Duwamish Waterway was formerly located on the subject property and is known to have been filled in the late 1950s and 1960s.
Soil or Groundwater Contamination	√		Based on the findings of previous investigations at the subject property, soil and groundwater are known to be contaminated with metals, specifically arsenic.
Underground Storage Tanks (USTs)		√	Five USTs have been removed from the subject property. There are no known USTs on the subject property at this time.
Aboveground Storage Tanks (ASTs)		√	
Electrical Transformers	√		A pole-mounted electrical transformer is located along the eastern subject property boundary. The transformer appeared to be in good condition at the time of the site reconnaissance. There were no visible labels identifying the PCB content of the transformer.
Septic Tanks		√	
Pits, Ponds, and Lagoons		√	

**TABLE 6**  
**ADJACENT PROPERTIES CHECKLIST**  
**ISAACSON PROPERTY – TUKWILA, WASHINGTON**

Checklist Item	Present	Not Observed	Remarks
Chemical Storage Areas	√		Chemical storage trailers were observed on the adjacent property to the south.
Solid Waste		√	
Hazardous Waste		√	
Evidence of Dumping		√	
Use of Fill Material	√		Fill material was not observed at the time of the site reconnaissance; however, a slip of the Duwamish Waterway was formerly partially located on the adjacent property to the south and is known to have been filled in the late 1950s and 1960s.
Soil or Groundwater Contamination	√		Specific evidence of soil or groundwater contamination was not observed during the site reconnaissance. However, available information (see report text) indicates that impacts to subsurface soil have been identified on the adjacent properties to the north and south of the subject property.
Underground Storage Tanks		√	
Aboveground Storage Tanks	√		Four aboveground storage tanks were observed on the adjacent property to the south. The ASTs appeared to be in good condition and no evidence of releases was observed in the area of the ASTs.
Electrical Transformers	√		Pole-mounted electrical transformers were observed to the east of the subject property, along East Marginal Way South. Transformers were observed along the northern side of Building 14-02, located adjacent to the south of the subject property. The transformers appeared to be in good condition and there were no visible labels identifying PCB content.
Septic Tanks		√	
Pits, Ponds, and Lagoons		√	

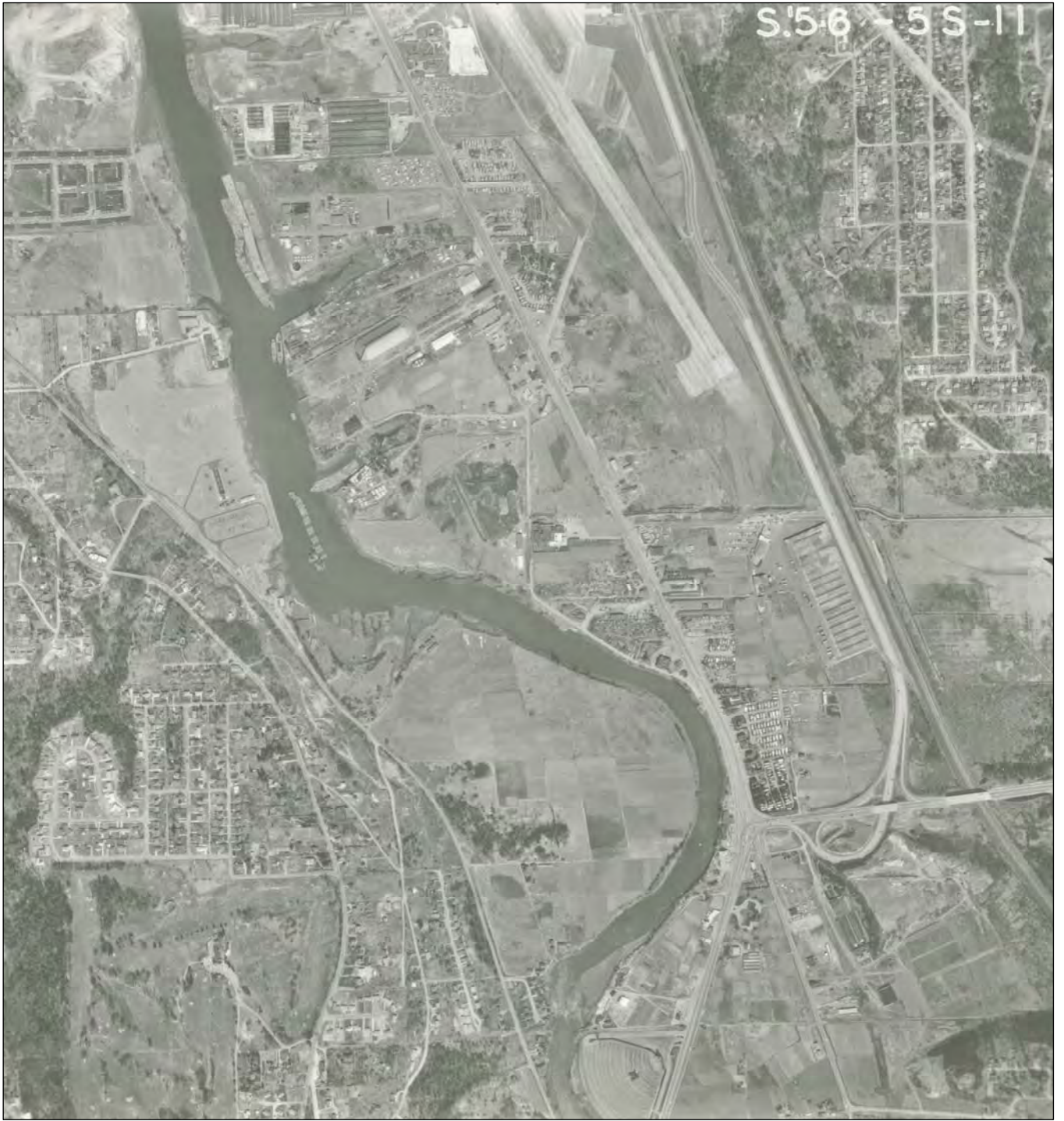
# **Aerial Photographs**







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Boeing Isaacson Property  
Tukwila, Washington

**1956 Aerial Photograph**

Figure  
**A-3**



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A-95-12-31



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Boeing Isaacson Property  
Tukwila, Washington

**1961 Aerial Photograph**

Figure  
**A-4**















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Boeing Isaacson Property  
Tukwila, Washington

**1985 Aerial Photograph**

Figure  
**A-8**









# **Historical Topographic Maps and Sanborn<sup>®</sup> Map Report**

# **EDR Historical Topographic Map Report**

**Boeing Issacson/Thompson  
8625 East Marginal Way S  
Tukwila, WA 98108**

**Inquiry Number: 2105962.4**

**December 21, 2007**



**EDR**® Environmental  
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# EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

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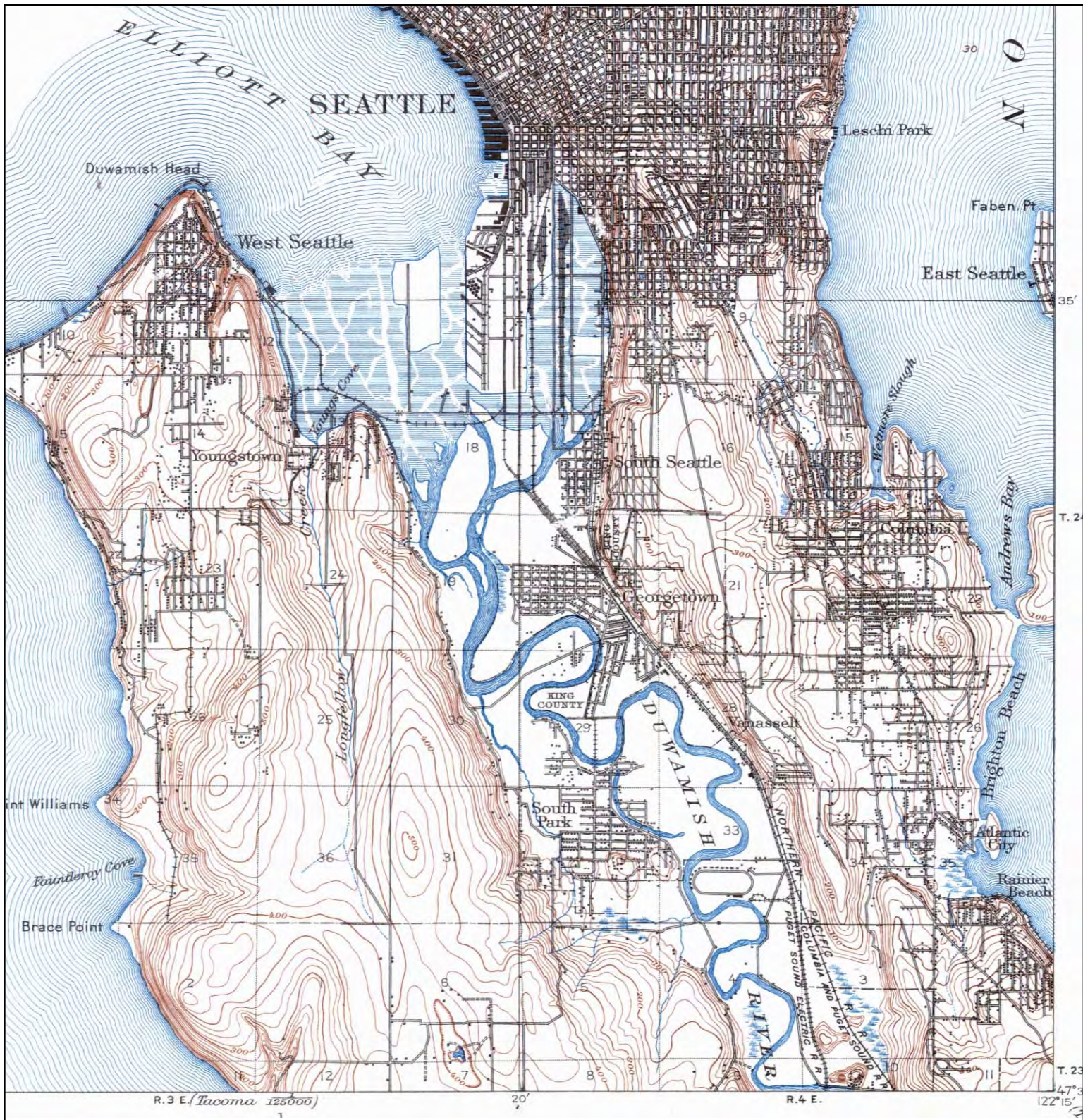
# Historical Topographic Map



	TARGET QUAD	SITE NAME:	Boeing Issacson/Thompson	CLIENT:	Landau Associates, Inc.
	NAME: Seattle, WA	ADDRESS:	8625 East Marginal Way S	CONTACT:	Brett Borgeson
	MAP YEAR: 1897	LAT/LONG:	47.5258 / 122.303	INQUIRY#:	2105962.4
	SERIES: 30			RESEARCH DATE:	12/21/2007
	SCALE: 1:125,000				



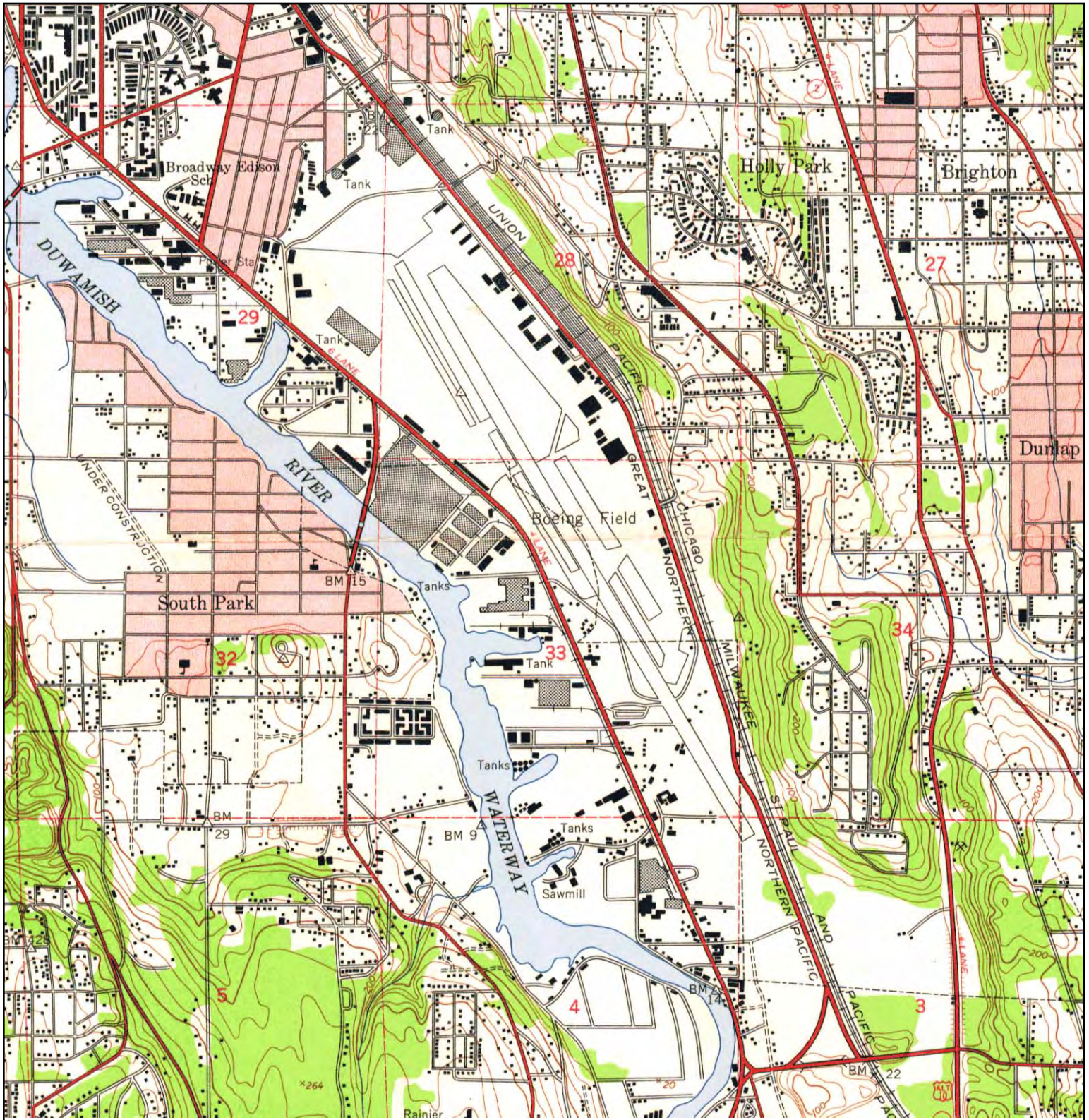
# Historical Topographic Map



	<b>TARGET QUAD</b> NAME: Seattle, WA MAP YEAR: 1909	<b>SITE NAME:</b> Boeing Issacson/Thompson <b>ADDRESS:</b> 8625 East Marginal Way S Tukwila, WA 98108 <b>LAT/LONG:</b> 47.5258 / 122.303	<b>CLIENT:</b> Landau Associates, Inc. <b>CONTACT:</b> Brett Borgeson <b>INQUIRY#:</b> 2105962.4 <b>RESEARCH DATE:</b> 12/21/2007
	SERIES: 15 SCALE: 1:62,500		



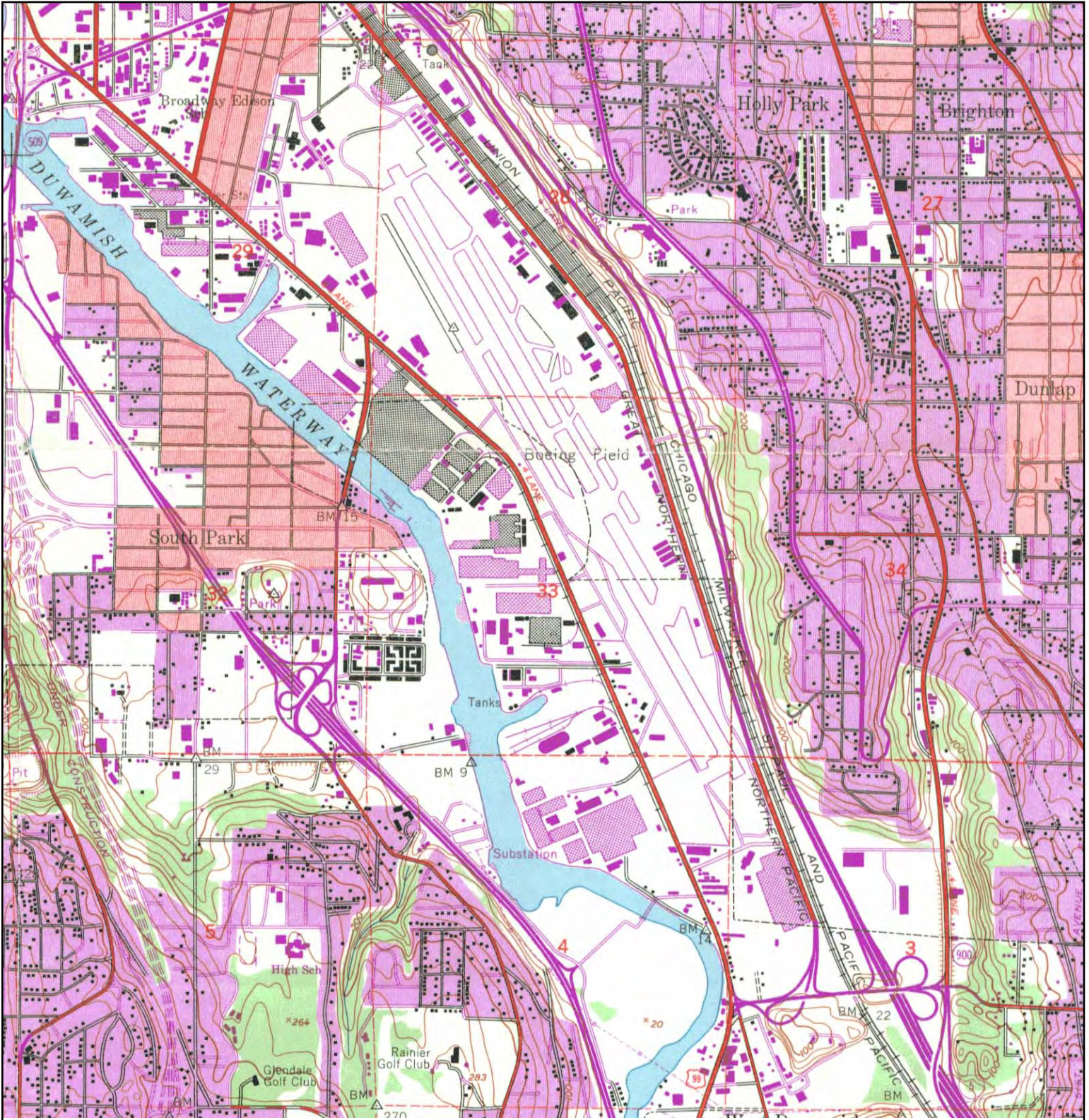
# Historical Topographic Map




<p>N ↑</p>	<p>TARGET QUAD NAME: Seattle South, WA MAP YEAR: 1949</p>	<p>SITE NAME: Boeing Issacson/Thompson ADDRESS: 8625 East Marginal Way S Tukwila, WA 98108 LAT/LONG: 47.5258 / 122.303</p>	<p>CLIENT: Landau Associates, Inc. CONTACT: Brett Borgeson INQUIRY#: 2105962.4 RESEARCH DATE: 12/21/2007</p>
	<p>SERIES: 7.5 SCALE: 1:24,000</p>		



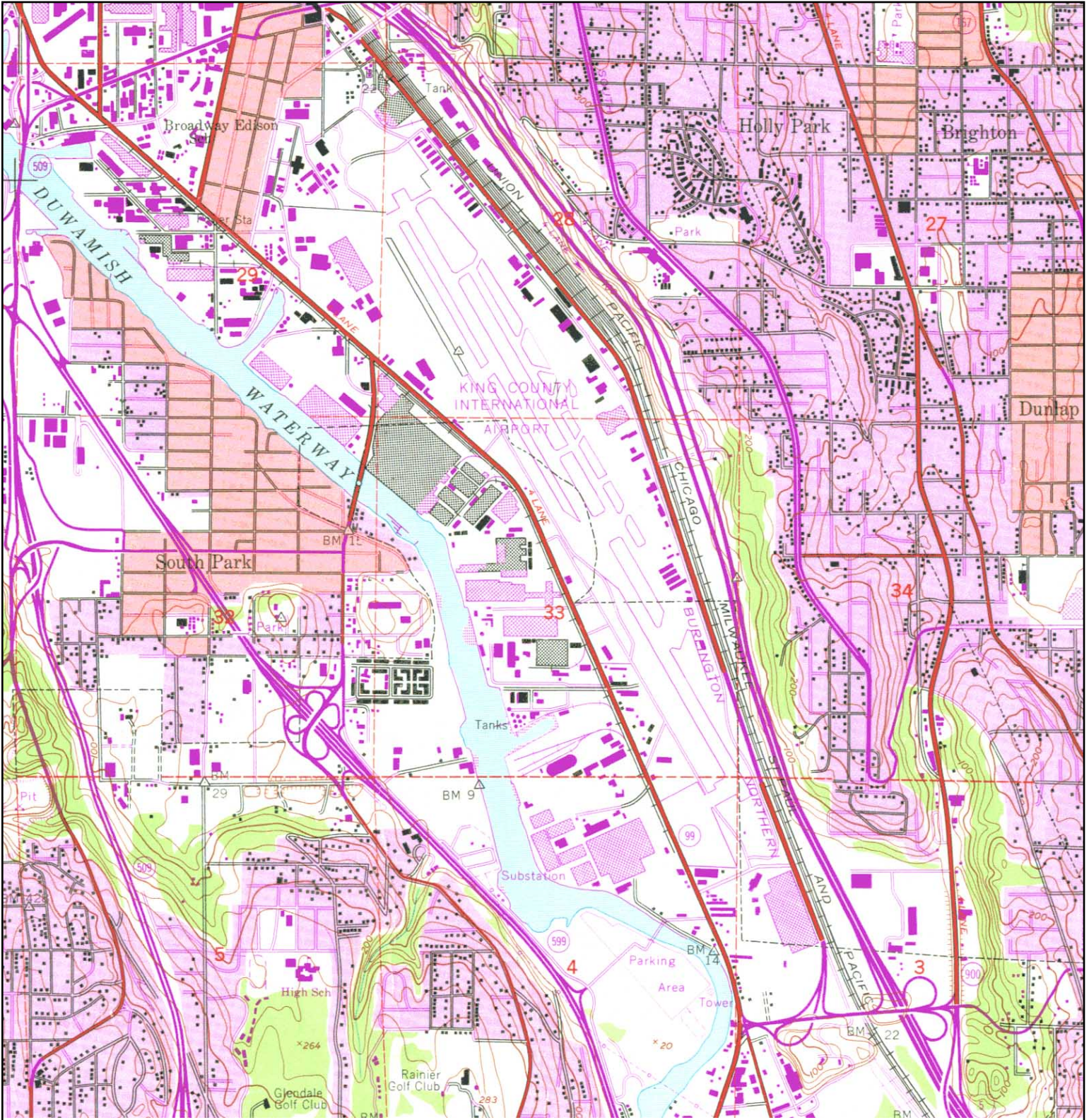
# Historical Topographic Map



	TARGET QUAD	SITE NAME:	Boeing Issacson/Thompson	CLIENT:	Landau Associates, Inc.
	NAME: Seattle South, WA	ADDRESS:	8625 East Marginal Way S	CONTACT:	Brett Borgeson
	MAP YEAR: 1968	LAT/LONG:	47.5258 / 122.303	INQUIRY#:	2105962.4
	PHOTOREVISED FROM: 1949			RESEARCH DATE:	12/21/2007
	SERIES: 7.5				
	SCALE: 1:24,000				



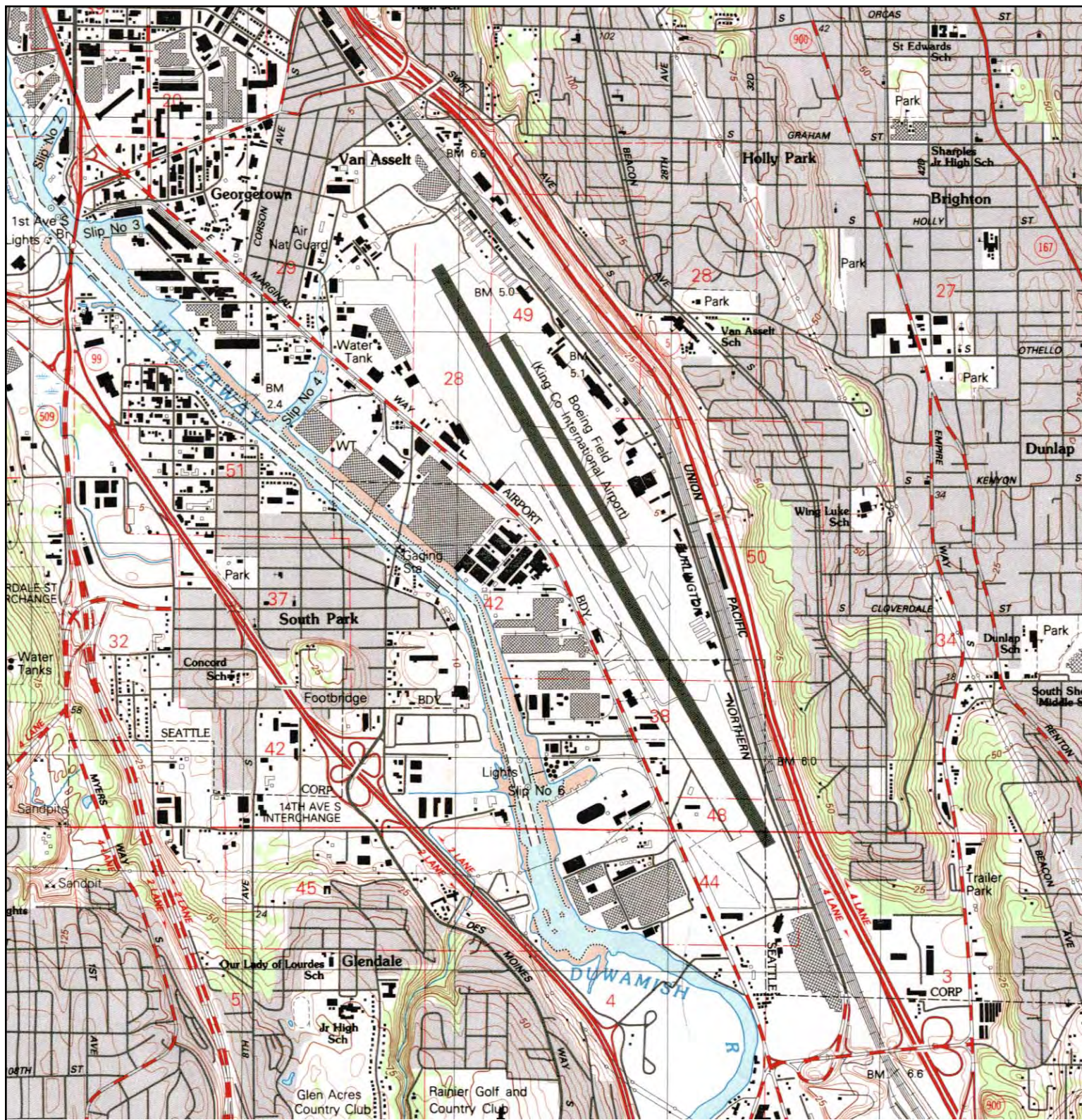
# Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME:	Boeing Issacson/Thompson	CLIENT:	Landau Associates, Inc.	
	NAME: Seattle South, WA	ADDRESS:	8625 East Marginal Way S	CONTACT:	Brett Borgeson	
	MAP YEAR: 1973	Tukwila, WA 98108	LAT/LONG:	47.5258 / 122.303	INQUIRY#:	2105962.4
	PHOTOREVISED FROM: 1949				RESEARCH DATE:	12/21/2007
	SERIES: 7.5					
	SCALE: 1:24,000					



# Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: Seattle South, WA MAP YEAR: 1983</p>	<p>SITE NAME: Boeing Issacson/Thompson ADDRESS: 8625 East Marginal Way S Tukwila, WA 98108 LAT/LONG: 47.5258 / 122.303</p>	<p>CLIENT: Landau Associates, Inc. CONTACT: Brett Borgeson INQUIRY#: 2105962.4 RESEARCH DATE: 12/21/2007</p>
	<p>SERIES: 7.5 SCALE: 1:25,000</p>		



# Certified Sanborn® Map Report



Sanborn® Library search results  
Certification # A00D-4366-BF39

**Boeing Issacson/Thompson  
8625 East Marginal Way S  
Tukwila, WA 98108**

**Inquiry Number 2105962.3s**

**December 21, 2007**



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# Certified Sanborn® Map Report

12/21/07

**Site Name:**

Boeing Issacson/Thompson  
8625 East Marginal Way S  
Tukwila, WA 98108

**Client Name:**

Landau Associates, Inc.  
130 Second Avenue South  
Edmonds, WA 98020

EDR Inquiry # 2105962.3s

Contact: Brett Borgeson



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Landau Associates, Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

## Certified Sanborn Results:

**Site Name:** Boeing Issacson/Thompson  
**Address:** 8625 East Marginal Way S  
**City, State, Zip:** Tukwila, WA 98108  
**Cross Street:**  
**P.O. #** NA  
**Project:** NA  
**Certification #** A00D-4366-BF39



Sanborn® Library search results  
Certification # A00D-4366-BF39

### Maps Identified - Number of maps indicated within "( )"

1966 (3)  
1949 (3)  
1929 (3)

Total Maps: 9

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

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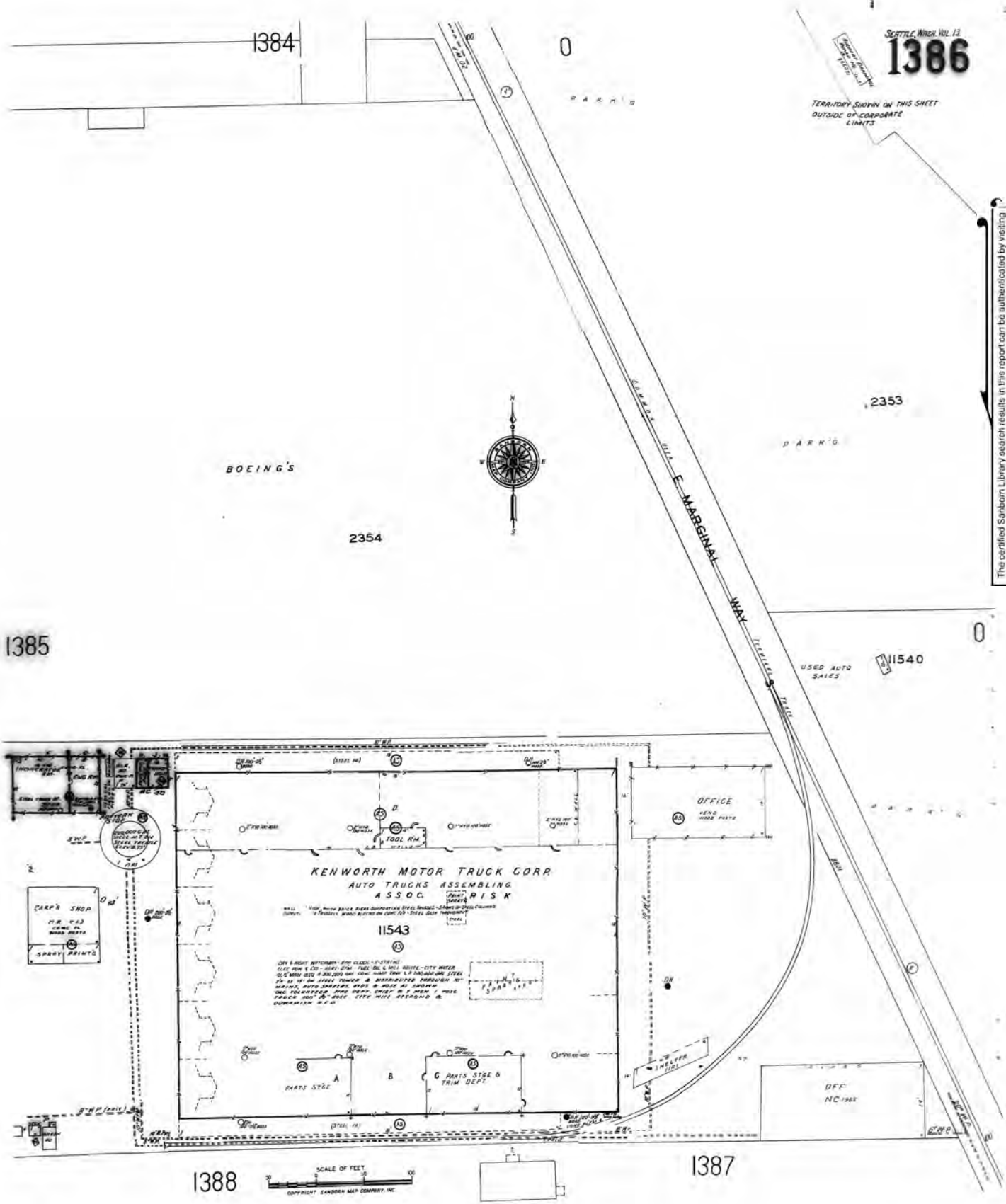
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SEATTLE MAP NO. 13  
**1386**  
 TERRITORY SHOWN ON THIS SHEET  
 OUTSIDE OF CORPORATE  
 LIMITS

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Certification # A00D-4366-BF-39

Site Name: Boeing Issacson/Thompson  
 Address: 8625 East Marginal Way S  
 City, ST, ZIP: Tukwila WA 98108  
 Client: Landau Associates, Inc.  
 EDR Inquiry: 2105962.3s  
 Order Date: 12/21/2007 10:58:48 AM  
 Certification # A00D-4366-BF39



Copyright: 1966





SEATTLE, WASH VOL 13  
**1385**

WASH 013

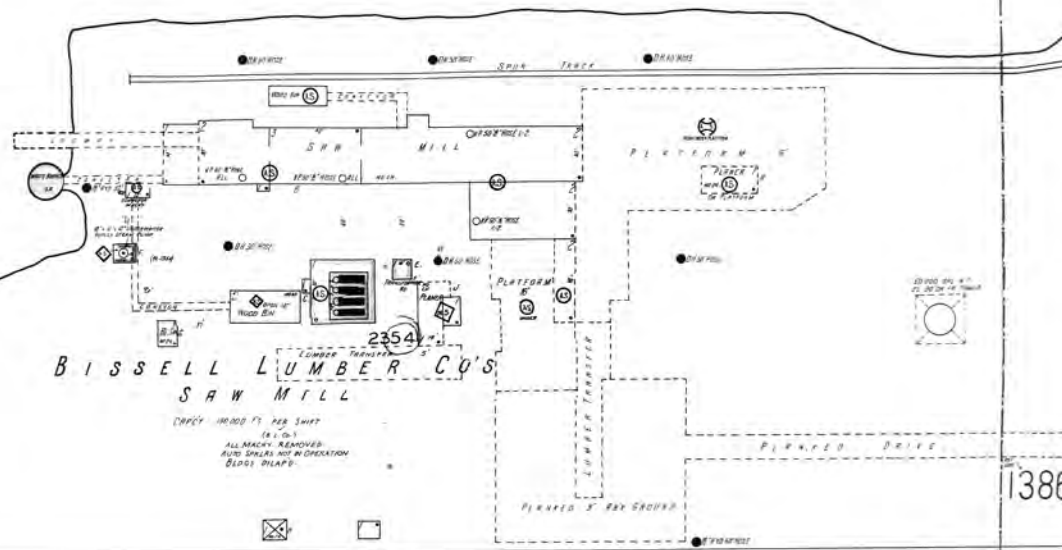
(3999 VOL 3)

TERRITORY SHOWN ON THIS SHEET  
OUTSIDE OF CORPORATE LIMITS

1384

Duwamish River Slough

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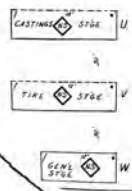
**BISSELL LUMBER CO'S  
SAW MILL**

DRYWOOD 12' x 8' x 12' (61.0)  
ALL MACHY. REMOVED.  
ALSO: SPEAKERS NOT IN OPERATION.  
BLOOD SHAPED.

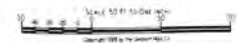
1386

NEW JERSEY  
U S I W E R N D

Certification #  
A00D-4366-BF39



1388

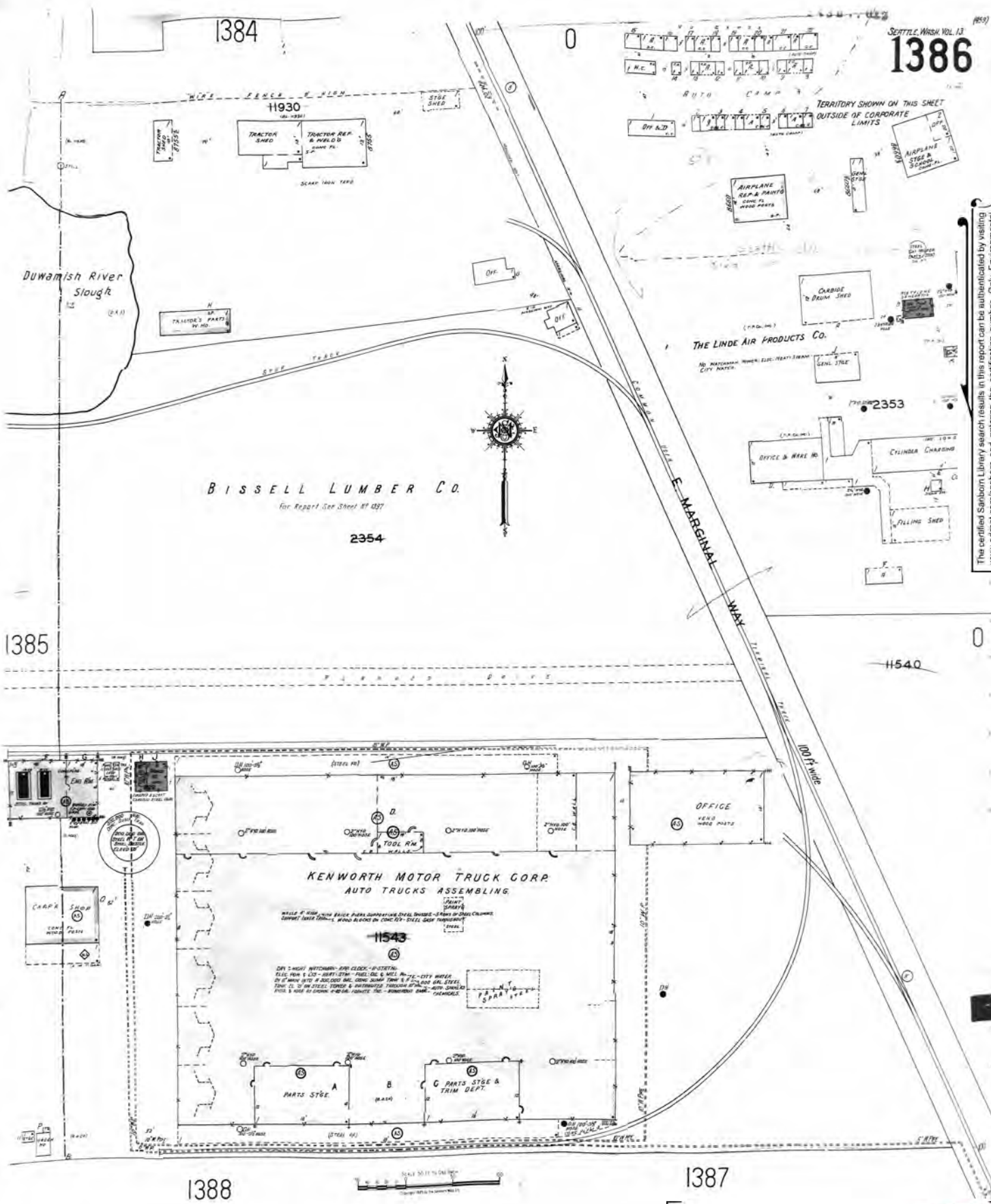


Site Name: Boeing Issacson/Thompson  
Address: 8625 East Marginal Way S  
City, ST, ZIP: Tukwila WA 98108  
Client: Landau Associates, Inc.  
EDR Inquiry: 2105962.3s  
Order Date: 12/21/2007 10:58:48 AM  
Certification # A00D-4366-BF39

Copyright: 1949







1384

SEATTLE WASH VOL 13  
1386

Duwamish River Slough

BISSELL LUMBER CO.

for Report See Sheet # 487

2354

THE LINDE AIR PRODUCTS CO.

2353

1385

11540

KENWORTH MOTOR TRUCK CORP.  
AUTO TRUCKS ASSEMBLING

11543

OFFICE

1388

1387

Site Name: Boeing Issacson/Thompson  
Address: 8625 East Marginal Way S  
City, ST, ZIP: Tukwila WA 98108  
Client: Landau Associates, Inc.  
EDR Inquiry: 2105962.3s  
Order Date: 12/21/2007 10:58:48 AM  
Certification # A00D-4366-BF39

Copyright: 1949



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A00D-4366-BF39

Certification #



0

11537

11538

11500  
(2380)

DUWAMISH LUMBER CO'S  
SAW MILL

D u w a m i s h R i v e r S t a m e n

D u w a m i s h W a t e r w a y

D I U M E S E U E T T



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Site Name: Boeing Issacson/Thompson  
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Client: Landau Associates, Inc.  
EDR Inquiry: 2105962.3s  
Order Date: 12/21/2007 10:58:48 AM  
Certification #: A00D-4366-BF39





1384

DUWAMISH LUMBER Co.  
See Report See Sheet No. 1387

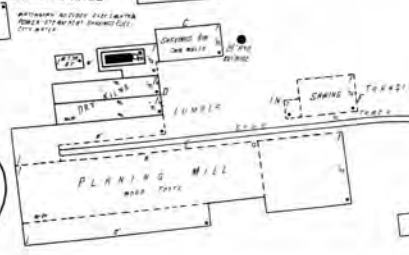
SEATTLE, WASH. VOL. 13  
1386

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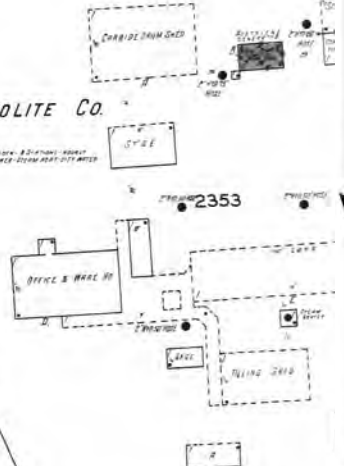
11930

TYEE LUMBER Co's  
PLANING MILL

Duwamish River Slough



THE PRESTOLITE Co.



BISSELL LUMBER Co.

See Report See Sheet No. 1387

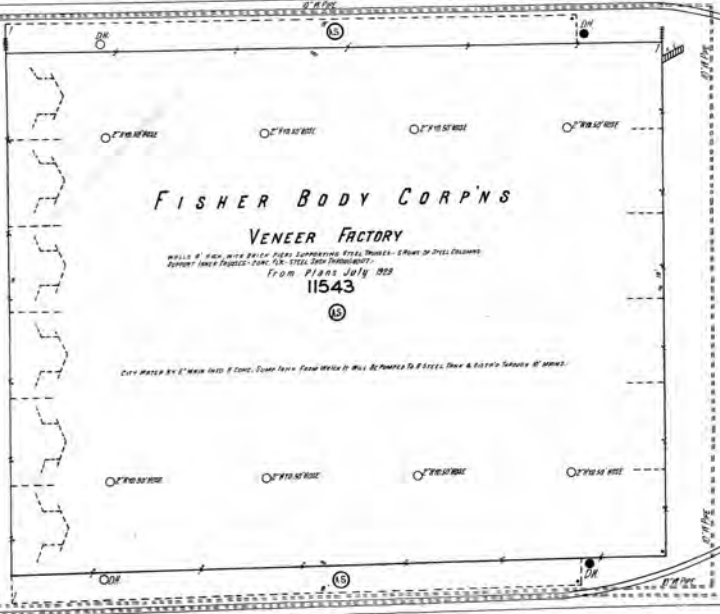
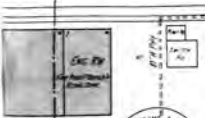
2354



85

PLANNED DRIVE

11540



FISHER BODY CORP'S  
VENEER FACTORY

MILLS 8' HIGH WITH PAIR OF RIGID SUPPORTING STEEL TRUSSES - 6 FEET IN SPAN  
SUPPORT TRUSS TRUSSES - 2x10, 2x12, 2x14, 2x16, 2x18, 2x20, 2x22, 2x24, 2x26, 2x28, 2x30, 2x32, 2x34, 2x36, 2x38, 2x40, 2x42, 2x44, 2x46, 2x48, 2x50, 2x52, 2x54, 2x56, 2x58, 2x60, 2x62, 2x64, 2x66, 2x68, 2x70, 2x72, 2x74, 2x76, 2x78, 2x80, 2x82, 2x84, 2x86, 2x88, 2x90, 2x92, 2x94, 2x96, 2x98, 2x100

11543

DATE MADE BY: E. W. HANCOCK, JR. CIVIL ENGINEER, 1000 PLYMOUTH ST. SEATTLE, WASH. 98104

1388

1387

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Site Name: Boeing Issacson/Thompson  
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# **Environmental Data Resources Radius Map with GeoCheck<sup>®</sup>**



**EDR**® Environmental  
Data Resources Inc

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

**Boeing Issacson/Thompson  
8625 East Marginal Way S  
Tukwila, WA 98108**

**Inquiry Number: 2105962.2s**

**December 21, 2007**

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# TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	6
Orphan Summary .....	235
EPA Waste Codes .....	EPA-1
Government Records Searched/Data Currency Tracking .....	GR-1
 <b><u>GEOCHECK ADDENDUM</u></b>	
Physical Setting Source Addendum .....	A-1
Physical Setting Source Summary .....	A-2
Physical Setting Source Map .....	A-9
Physical Setting Source Map Findings .....	A-10
Physical Setting Source Records Searched .....	A-14

*Thank you for your business.*  
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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

8625 EAST MARGINAL WAY S  
TUKWILA, WA 98108

#### COORDINATES

Latitude (North): 47.525780 - 47° 31' 32.8"  
Longitude (West): 122.302640 - 122° 18' 9.5"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 552496.4  
UTM Y (Meters): 5263611.5  
Elevation: 12 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 47122-E3 SEATTLE SOUTH, WA  
Most Recent Revision: 1983

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following 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>
BOEING ISAACSON PROPERTY 8625 E MARGINAL WAY SEATTLE, WA 98108	FINDS VCP	110015564646
ISAACSON PROPERTY 8625 E. MARGINAL WAY SEATTLE, WA 98108	ICR	N/A
BOEING ISAACSON PROPERTY 8625 E MARGINAL WAY SEATTLE, WA 98108	CSCSL	N/A

# EXECUTIVE SUMMARY

## 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 search radius around the target property for the following databases:

### FEDERAL RECORDS

<b>Delisted NPL</b>	National Priority List Deletions
<b>NPL LIENS</b>	Federal Superfund Liens
<b>ERNS</b>	Emergency Response Notification System
<b>HMIRS</b>	Hazardous Materials Information Reporting System
<b>US ENG CONTROLS</b>	Engineering Controls Sites List
<b>US INST CONTROL</b>	Sites with Institutional Controls
<b>DOD</b>	Department of Defense Sites
<b>FUDS</b>	Formerly Used Defense Sites
<b>US BROWNFIELDS</b>	A Listing of Brownfields Sites
<b>CONSENT</b>	Superfund (CERCLA) Consent Decrees
<b>ROD</b>	Records Of Decision
<b>UMTRA</b>	Uranium Mill Tailings Sites
<b>ODI</b>	Open Dump Inventory
<b>TRIS</b>	Toxic Chemical Release Inventory System
<b>TSCA</b>	Toxic Substances Control Act
<b>FTTS</b>	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
<b>SSTS</b>	Section 7 Tracking Systems
<b>LUCIS</b>	Land Use Control Information System
<b>DOT OPS</b>	Incident and Accident Data
<b>ICIS</b>	Integrated Compliance Information System
<b>DEBRIS REGION 9</b>	Torres Martinez Reservation Illegal Dump Site Locations
<b>HIST FTTS</b>	FIFRA/TSCA Tracking System Administrative Case Listing
<b>US CDL</b>	Clandestine Drug Labs
<b>RADINFO</b>	Radiation Information Database
<b>LIENS 2</b>	CERCLA Lien Information
<b>PADS</b>	PCB Activity Database System
<b>MLTS</b>	Material Licensing Tracking System
<b>MINES</b>	Mines Master Index File
<b>RAATS</b>	RCRA Administrative Action Tracking System

### STATE AND LOCAL RECORDS

<b>SWF/LF</b>	Solid Waste Facility Database
<b>SWTIRE</b>	Solid Waste Tire Facilities
<b>AST</b>	Aboveground Storage Tank Locations
<b>SPILLS</b>	Reported Spills
<b>INST CONTROL</b>	Institutional Control Site List
<b>DRYCLEANERS</b>	Drycleaner List
<b>CDL</b>	Clandestine Drug Lab Contaminated Site List
<b>NPDES</b>	Water Quality Permit System Data
<b>AIRS (EMI)</b>	Washington Emissions Data System
<b>Inactive Drycleaners</b>	Inactive Drycleaners

### TRIBAL RECORDS

<b>INDIAN RESERV</b>	Indian Reservations
----------------------	---------------------



## EXECUTIVE SUMMARY

**INDIAN LUST**..... Leaking Underground Storage Tanks on Indian Land  
**INDIAN UST**..... Underground Storage Tanks on Indian Land

### EDR PROPRIETARY RECORDS

**Manufactured Gas Plants**... EDR Proprietary Manufactured Gas Plants  
**EDR Historical Cleaners**..... EDR Proprietary Historic Dry Cleaners

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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 RECORDS

**NPL:** Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 07/18/2007 has revealed that there is 1 NPL 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>
<b><i>LOWER DUWAMISH WATERWAY</i></b>	<b><i>RK 2.5 TO RK 10.8</i></b>	<b><i>0 - 1/8</i></b>	<b><i>0</i></b>	<b><i>8</i></b>

**Proposed NPL:** Proposed NPL sites . The source of this database is the U.S. EPA.

A review of the Proposed NPL list, as provided by EDR, and dated 08/09/2007 has revealed that there is 1 Proposed NPL 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>
<b><i>LOWER DUWAMISH WATERWAY</i></b>	<b><i>RK 2.5 TO RK 10.8</i></b>	<b><i>0 - 1/8</i></b>	<b><i>0</i></b>	<b><i>8</i></b>

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

A review of the CERCLIS list, as provided by EDR, and dated 04/23/2007 has revealed that there is 1

## EXECUTIVE SUMMARY

CERCLIS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>LOWER DUWAMISH WATERWAY</b>	<b>RK 2.5 TO RK 10.8</b>	<b>0 - 1/8</b>	<b>0</b>	<b>8</b>

**CERCLIS-NFRAP:** Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 06/21/2007 has revealed that there are 5 CERC-NFRAP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>KENWORTH TRUCK CO</b>	<b>8801 E MARGINAL WAY S</b>	<b>0 - 1/8 SSE</b>	<b>D10</b>	<b>41</b>
<b>SEATTLE PORT DALLAS AVE</b>	<b>8700 DALLAS AVE S</b>	<b>1/8 - 1/4 W</b>	<b>E15</b>	<b>54</b>
<b>DIMENSIONAL ENGINEERING</b>	<b>9407 E MARGINAL WY</b>	<b>1/4 - 1/2 SSE</b>	<b>P54</b>	<b>116</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>RHODIA INC</b>	<b>9229 E MARGINAL WY S RH</b>	<b>1/4 - 1/2 S</b>	<b>28</b>	<b>73</b>
<b>BOEING PLANT 2</b>	<b>7755 E MARGINAL WAY S</b>	<b>1/4 - 1/2 NNW</b>	<b>Q60</b>	<b>129</b>

**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 06/26/2007 has revealed that there are 4 CORRACTS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BOEING D&amp;SG MFC SITE</b>	<b>1008 E MARGINAL WAY S</b>	<b>0 - 1/8 N</b>	<b>11</b>	<b>46</b>
<b>BOEING A&amp;M DEVELOPMENTAL CENTE</b>	<b>9725 E MARGINAL WAY S</b>	<b>1/2 - 1 SSE</b>	<b>R68</b>	<b>174</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>RHODIA INC</b>	<b>9229 E MARGINAL WY S RH</b>	<b>1/4 - 1/2 S</b>	<b>28</b>	<b>73</b>
<b>BOEING PLANT 2</b>	<b>7755 E MARGINAL WAY S</b>	<b>1/4 - 1/2 NNW</b>	<b>Q60</b>	<b>129</b>

**RCRAInfo:** RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act ( RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database 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 generate over 1,000

## EXECUTIVE SUMMARY

kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite 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 RCRA-TSDF list, as provided by EDR, and dated 06/13/2006 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BOEING PLANT 2</b>	<b>7755 E MARGINAL WAY S</b>	<b>1/4 - 1/2 NNW</b>	<b>Q60</b>	<b>129</b>

**RCRAInfo:** RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act ( RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database 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 generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite 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 RCRA-LQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 3 RCRA-LQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BOEING THOMPSON</b>	<b>8701 E MARGINAL WAY S</b>	<b>0 - 1/8</b>	<b>B4</b>	<b>17</b>
<b>JORGENSEN FORGE CORP</b>	<b>8531 E MARGINAL WAY S</b>	<b>0 - 1/8 ENE</b>	<b>C7</b>	<b>24</b>
<b>FORMER BASIN OIL CO INC SEATTL</b>	<b>8661 DALLAS AVENUE SOUT</b>	<b>1/8 - 1/4 W</b>	<b>E12</b>	<b>48</b>

**RCRAInfo:** RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act ( RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database 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 generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite 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 RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 10 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BOEING ISAACSON THOMPSON</b>	<b>8541 E MARGINAL WAY S</b>	<b>0 - 1/8</b>	<b>C6</b>	<b>22</b>
<b>KENWORTH TRUCK CO</b>	<b>8801 E MARGINAL WAY S</b>	<b>0 - 1/8 SSE</b>	<b>D10</b>	<b>41</b>
<b>BOEING D&amp;SG MFC SITE</b>	<b>1008 E MARGINAL WAY S</b>	<b>0 - 1/8 N</b>	<b>11</b>	<b>46</b>
<b>SEATTLE PORT DALLAS AVE</b>	<b>8700 DALLAS AVE S</b>	<b>1/8 - 1/4 W</b>	<b>E15</b>	<b>54</b>
<b>SOUTH PARK MARINA</b>	<b>8604 DALLAS AVE S</b>	<b>1/8 - 1/4 W</b>	<b>F16</b>	<b>63</b>
<b>ALLIED BOLT CO</b>	<b>8619 17TH AVE S</b>	<b>1/8 - 1/4 W</b>	<b>F17</b>	<b>64</b>
<b>NORTHWEST ANTIFREEZE SVC INC</b>	<b>8661A DALLAS AVE S</b>	<b>1/8 - 1/4 W</b>	<b>F21</b>	<b>69</b>
<b>FRONTWATER SERVICES INC</b>	<b>8661 DALLAS AVE S</b>	<b>1/8 - 1/4 W</b>	<b>F22</b>	<b>70</b>

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BOEING KING CNTY AIRPORT OFFIC</b>	<b>9010 E MARGINAL WAY S</b>	<b>1/8 - 1/4 SE</b>	<b>25</b>	<b>72</b>
<b>BOEING AIR TRAFFIC CONTROL TOW</b>	<b>8200 E MARGINAL WAY S</b>	<b>1/8 - 1/4 N</b>	<b>26</b>	<b>73</b>

### STATE AND LOCAL RECORDS

**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, and dated 08/09/2007 has revealed that there are 29 CSCSL sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BOEING ISAACSON THOMPSON</b>	<b>8541 E MARGINAL WAY S</b>	<b>0 - 1/8</b>	<b>C6</b>	<b>22</b>
<b>JORGENSEN FORGE CORP</b>	<b>8531 E MARGINAL WAY S</b>	<b>0 - 1/8 ENE</b>	<b>C7</b>	<b>24</b>
<b>KENWORTH TRUCK PLANT</b>	<b>8801 E. MARGINAL WAY S.</b>	<b>0 - 1/8 SSE</b>	<b>D9</b>	<b>36</b>
<b>SEATTLE PORT DALLAS AVE</b>	<b>8700 DALLAS AVE S</b>	<b>1/8 - 1/4 W</b>	<b>E15</b>	<b>54</b>
<b>BASIN OIL DRUM STORAGE 17TH AV</b>	<b>8617 17TH AVE S</b>	<b>1/8 - 1/4 W</b>	<b>F18</b>	<b>65</b>
<b>BASIN OIL CO DALLAS AVE</b>	<b>8661 DALLAS AVE S</b>	<b>1/8 - 1/4 W</b>	<b>F20</b>	<b>66</b>
<b>CHEVRON 98484</b>	<b>8700 14TH AVE S</b>	<b>1/4 - 1/2 W</b>	<b>I35</b>	<b>96</b>
<b>SPENCER INDUSTRIES INC</b>	<b>8410 DALLAS AVE S</b>	<b>1/4 - 1/2 WNW</b>	<b>N51</b>	<b>112</b>
<b>PRECISION ENGINEERING INC</b>	<b>1231 S DIRECTOR ST</b>	<b>1/4 - 1/2 WSW</b>	<b>O57</b>	<b>120</b>
<b>S 96TH ST DITCH</b>	<b>S 96TH ST / DUWAMISH</b>	<b>1/4 - 1/2 SSW</b>	<b>64</b>	<b>156</b>
<b>HANGAR HOLDINGS INC.</b>	<b>7675 PERIMETER RD S</b>	<b>1/2 - 1 N</b>	<b>67</b>	<b>167</b>
<b>BOEING A&amp;M DEVELOPMENTAL CENTE</b>	<b>9725 E MARGINAL WAY S</b>	<b>1/2 - 1 SSE</b>	<b>R68</b>	<b>174</b>
<b>BOEING DEVELOPMENT CENTER NORF</b>	<b>9725 E MARGINAL WAY</b>	<b>1/2 - 1 SSE</b>	<b>R69</b>	<b>192</b>
<b>BOEING S&amp;CS ELECTRONIC MANUFAC</b>	<b>7355 PERIMETER RD S</b>	<b>1/2 - 1 N</b>	<b>S70</b>	<b>193</b>
<b>BOEING ELECTRONIC MFG</b>	<b>7300 PERIMETER RD S</b>	<b>1/2 - 1 N</b>	<b>S71</b>	<b>199</b>
<b>AIR NATIONAL</b>	<b>7277 PERIMETER RD S 215</b>	<b>1/2 - 1 N</b>	<b>73</b>	<b>203</b>
<b>MOIMOI PROPERTY</b>	<b>10118 DES MOINES MEMORI</b>	<b>1/2 - 1 S</b>	<b>75</b>	<b>206</b>
<b>ADVANCE ELECTROPLATING</b>	<b>9585 8TH AVE. S.</b>	<b>1/2 - 1 WSW</b>	<b>77</b>	<b>213</b>
<b>ASSOCIATED GROCERS INCORPORATE</b>	<b>3301 SOUTH NORFOLK</b>	<b>1/2 - 1 SE</b>	<b>78</b>	<b>222</b>
<b>MANITOWAK WESTERN</b>	<b>8250 5TH AVE S</b>	<b>1/2 - 1 WNW</b>	<b>79</b>	<b>227</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>RHODIA INC</b>	<b>9229 E MARGINAL WY S RH</b>	<b>1/4 - 1/2 S</b>	<b>28</b>	<b>73</b>
<b>LOWER DUWAMISH WATERWAY</b>	<b>LOWER DUWAMISH WATERWAY</b>	<b>1/4 - 1/2 NW</b>	<b>46</b>	<b>107</b>
<b>BOEING PLANT 2</b>	<b>7755 E MARGINAL WAY S</b>	<b>1/4 - 1/2 NNW</b>	<b>Q60</b>	<b>129</b>
<b>SEATTLE DUWAMISH CO (W00952)</b>	<b>7000 E MARGINAL WAY</b>	<b>1/2 - 1 NNW</b>	<b>65</b>	<b>160</b>
<b>AIRGAS NORPAC SEATTLE</b>	<b>7700 14TH AVE S</b>	<b>1/2 - 1 NNW</b>	<b>66</b>	<b>162</b>
<b>BOEING NORTH FIELD</b>	<b>7370 E MARGINAL WAY S</b>	<b>1/2 - 1 NNW</b>	<b>72</b>	<b>200</b>
<b>DUWAMISH RIVER SLIP 4</b>	<b>SLIP 4 DUWAMISH RIVER</b>	<b>1/2 - 1 NW</b>	<b>74</b>	<b>205</b>
<b>INTERSTATE COATINGS</b>	<b>754 S CHICAGO</b>	<b>1/2 - 1 WNW</b>	<b>76</b>	<b>208</b>
<b>CROWLEY MARINE SERVICES INC 8T</b>	<b>7400 8TH AVE S</b>	<b>1/2 - 1 NW</b>	<b>80</b>	<b>230</b>

## EXECUTIVE SUMMARY

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

A review of the HSL list, as provided by EDR, and dated 08/28/2007 has revealed that there is 1 HSL 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>
EMERALD TOOL INC Facility Type: Hazardous Sites List		1/8 - 1/4 SSE	G23	72

**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 09/10/2007 has revealed that there are 5 CSCSL NFA sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>JORGENSEN FORGE CORP</b>	<b>8531 E MARGINAL WAY S</b>	<b>0 - 1/8 ENE</b>	<b>C7</b>	<b>24</b>
<b>FLIGHTCRAFT INC SEATTLE</b>	<b>8285 PERIMETER RD S</b>	<b>1/4 - 1/2 ENE</b>	<b>38</b>	<b>99</b>
KRS MARINE	1621 S 92ND PL	1/4 - 1/2 SW	L43	106
<b>KASPAC CHIYODA PROPERTY</b>	<b>1237 S DIRECTOR ST</b>	<b>1/4 - 1/2 WSW</b>	<b>O52</b>	<b>114</b>
DIMENSIONAL ENGINEERING	9407 E MARGINAL WY	1/4 - 1/2 SSE	P55	116

**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 09/10/2007 has revealed that there are 14 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>THOMPSON SITE</b>	<b>8701 E MARGINAL WAY</b>	<b>0 - 1/8</b>	<b>B5</b>	<b>21</b>
<b>EARLE M JORGENSEN COMPANY</b>	<b>8531 E MARGINAL WAY S</b>	<b>0 - 1/8 ENE</b>	<b>C8</b>	<b>34</b>
<b>KENWORTH TRUCK PLANT</b>	<b>8801 E. MARGINAL WAY S.</b>	<b>0 - 1/8 SSE</b>	<b>D9</b>	<b>36</b>
<b>MALARKEY ASPHALT COMPANY</b>	<b>8700 DALLAS AVENUE SOUT</b>	<b>1/8 - 1/4 W</b>	<b>E14</b>	<b>53</b>
<b>SCOTT ANDREWS</b>	<b>8520 14TH AVE S</b>	<b>1/4 - 1/2 W</b>	<b>H29</b>	<b>88</b>
<b>STEPHANIE CROSBY PROPERTY</b>	<b>8621 14TH AVE S</b>	<b>1/4 - 1/2 W</b>	<b>H31</b>	<b>90</b>
<b>CHEVRON 98484</b>	<b>8700 14TH AVE S</b>	<b>1/4 - 1/2 W</b>	<b>I34</b>	<b>95</b>
<b>SCHAUER NORTHWEST INC</b>	<b>8819 14TH S</b>	<b>1/4 - 1/2 WSW</b>	<b>J39</b>	<b>102</b>
<b>FIRESTONE RETREAD PLANT #12734</b>	<b>9220 E MARGINAL WAY S</b>	<b>1/4 - 1/2 SSE</b>	<b>K42</b>	<b>105</b>
<b>ARTHUR J WARNER</b>	<b>9001 14 AVE SOUTH</b>	<b>1/4 - 1/2 WSW</b>	<b>M47</b>	<b>108</b>
<b>BUS AND AIR PARCEL SERVICE INC</b>	<b>9004 14TH SOUTH</b>	<b>1/4 - 1/2 WSW</b>	<b>M49</b>	<b>110</b>
<b>PRECISION ENGINEERING INC.</b>	<b>1231 SOUTH DIRECTOR STR</b>	<b>1/4 - 1/2 WSW</b>	<b>O56</b>	<b>117</b>
<b>MUSEUM OF FLIGHT PROPERTY</b>	<b>9404 E MARGINAL WAY S</b>	<b>1/4 - 1/2 SSE</b>	<b>P59</b>	<b>128</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PLANT II	7755 E MARGINAL WAY S	1/4 - 1/2 NNW	Q61	155

## EXECUTIVE SUMMARY

**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 09/10/2007 has revealed that there are 4 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>THOMPSON SITE</b>	<b>8701 E MARGINAL WAY</b>	<b>0 - 1/8</b>	<b>B5</b>	<b>21</b>
<b>EARLE M JORGENSEN COMPANY</b>	<b>8531 E MARGINAL WAY S</b>	<b>0 - 1/8 ENE</b>	<b>C8</b>	<b>34</b>
<b>MALARKEY ASPHALT COMPANY</b>	<b>8700 DALLAS AVENUE SOUT</b>	<b>1/8 - 1/4 W</b>	<b>E14</b>	<b>53</b>
<b>WILLARD S CROW</b>	<b>8604 DALLAS AVE S</b>	<b>1/8 - 1/4 W</b>	<b>27</b>	<b>73</b>

**MANIFEST:** Hazardous waste manifest information.

A review of the WA MANIFEST list, as provided by EDR, and dated 12/31/2006 has revealed that there are 4 WA MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BOEING THOMPSON</b>	<b>8701 E MARGINAL WAY S</b>	<b>0 - 1/8</b>	<b>B4</b>	<b>17</b>
<b>JORGENSEN FORGE CORP</b>	<b>8531 E MARGINAL WAY S</b>	<b>0 - 1/8 ENE</b>	<b>C7</b>	<b>24</b>
<b>KENWORTH TRUCK CO</b>	<b>8801 E MARGINAL WAY S</b>	<b>0 - 1/8 SSE</b>	<b>D10</b>	<b>41</b>
<b>SEATTLE PORT DALLAS AVE</b>	<b>8700 DALLAS AVE S</b>	<b>1/8 - 1/4 W</b>	<b>E15</b>	<b>54</b>

**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 ICR list, as provided by EDR, and dated 12/01/2002 has revealed that there are 21 ICR sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>JORGENSEN FORGE CORP</b>	<b>8531 E MARGINAL WAY S</b>	<b>0 - 1/8 ENE</b>	<b>C7</b>	<b>24</b>
<b>KENWORTH TRUCK PLANT</b>	<b>8801 E. MARGINAL WAY S.</b>	<b>0 - 1/8 SSE</b>	<b>D9</b>	<b>36</b>
<b>MALARKEY ASPHALT</b>	<b>8700 DALLAS AVE. S.</b>	<b>1/8 - 1/4 W</b>	<b>E13</b>	<b>51</b>
<b>ANDREWS PROPERTY</b>	<b>8520 14TH AVE. S.</b>	<b>1/4 - 1/2 W</b>	<b>H30</b>	<b>90</b>
<b>CROSBY AUTO REPAIR SHOP</b>	<b>8621 14TH AVE. S.</b>	<b>1/4 - 1/2 W</b>	<b>H32</b>	<b>91</b>
<b>CHEVRON #9 8484</b>	<b>8700 14TH AVE. S.</b>	<b>1/4 - 1/2 W</b>	<b>I33</b>	<b>91</b>
<b>AUTOMAGIC SITE (FORMER)</b>	<b>8721 14TH AVE. SE</b>	<b>1/4 - 1/2 WSW</b>	<b>I36</b>	<b>98</b>
<b>BOEING COMMERCIAL AIRPLANE GRO</b>	<b>1420 S. TRENTON ST.</b>	<b>1/4 - 1/2 WSW</b>	<b>J37</b>	<b>99</b>
<b>FLIGHTCRAFT INC SEATTLE</b>	<b>8285 PERIMETER RD S</b>	<b>1/4 - 1/2 ENE</b>	<b>38</b>	<b>99</b>
<b>ARCO</b>	<b>8819 14TH AVE. S.</b>	<b>1/4 - 1/2 WSW</b>	<b>J40</b>	<b>104</b>
<b>KING COUNTY AIRPORT - HANGAR</b>	<b>9220 E. MARGINAL WAY S.</b>	<b>1/4 - 1/2 SSE</b>	<b>K41</b>	<b>105</b>
<b>KRS MARINE</b>	<b>1621 S. 92ND PL.</b>	<b>1/4 - 1/2 SW</b>	<b>L45</b>	<b>107</b>
<b>WARNERS' AUTO REPAIR</b>	<b>9001 14TH AVE. S.</b>	<b>1/4 - 1/2 WSW</b>	<b>M48</b>	<b>110</b>
<b>SPENCER INDUSTRIES, INC.</b>	<b>8410 DALLAS AVE. S.</b>	<b>1/4 - 1/2 WNW</b>	<b>N50</b>	<b>112</b>
<b>CHIYODA INTERNATIONAL/KASPAC</b>	<b>1237 S. DIRECTOR ST.</b>	<b>1/4 - 1/2 WSW</b>	<b>O53</b>	<b>115</b>
<b>PRECISION ENGINEERING INC.</b>	<b>1231 SOUTH DIRECTOR STR</b>	<b>1/4 - 1/2 WSW</b>	<b>O56</b>	<b>117</b>
<b>PRECISION ENGINEERING INC</b>	<b>1231 S DIRECTOR ST</b>	<b>1/4 - 1/2 WSW</b>	<b>O57</b>	<b>120</b>
<b>MUSEUM OF FLIGHT PROPERTY</b>	<b>9404 E. MARGINAL WAY S.</b>	<b>1/4 - 1/2 SSE</b>	<b>P58</b>	<b>128</b>
<b>GALVIN FLYING SERVICES INC</b>	<b>7777 PERIMETER ROAD S.</b>	<b>1/4 - 1/2 N</b>	<b>63</b>	<b>156</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BOEING PLANT 2</b>	<b>7755 E MARGINAL WAY S</b>	<b>1/4 - 1/2 NNW</b>	<b>Q60</b>	<b>129</b>



## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BOEING CO. PLANT 2 - BLDG. 2-6	7755 E. MARGINAL WAY S.	1/4 - 1/2 NNW	Q62	156

**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 09/10/2007 has revealed that there are 4 VCP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BASIN OIL CO DALLAS AVE</b>	<b>8661 DALLAS AVE S</b>	<b>1/8 - 1/4 W</b>	<b>F20</b>	<b>66</b>
<b>CHEVRON 98484</b>	<b>8700 14TH AVE S</b>	<b>1/4 - 1/2 W</b>	<b>I35</b>	<b>96</b>
<b>KRS MARINE</b>	<b>1621 S 92ND PL</b>	<b>1/4 - 1/2 SW</b>	<b>L44</b>	<b>107</b>
<b>PRECISION ENGINEERING INC</b>	<b>1231 S DIRECTOR ST</b>	<b>1/4 - 1/2 WSW</b>	<b>O57</b>	<b>120</b>

**BROWNFIELDS:** A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

A review of the BROWNFIELDS list, as provided by EDR, and dated 08/09/2007 has revealed that there is 1 BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>JORGENSEN FORGE CORP</b>	<b>8531 E MARGINAL WAY S</b>	<b>0 - 1/8 ENE</b>	<b>C7</b>	<b>24</b>

### EDR PROPRIETARY RECORDS

**EDR Historical Auto Stations:** EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

A review of the EDR Historical Auto Stations list, as provided by EDR, has revealed that there are 2 EDR Historical Auto Stations sites within approximately 0.25 miles of the target property.

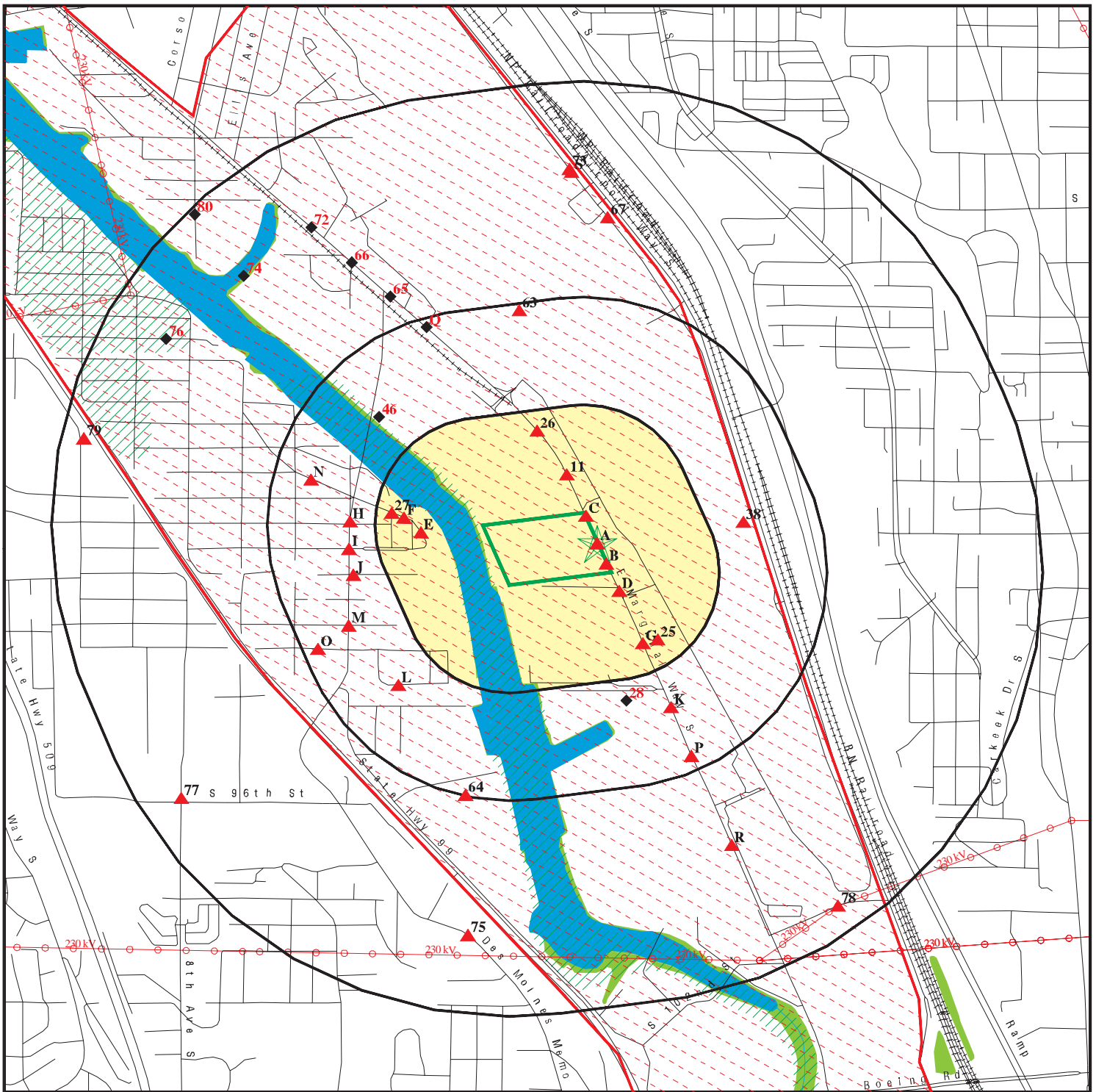
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PERETTI FRANK	9000 E MARGINAL WAY	1/8 - 1/4 SSE	G19	66
TOELLNER AUG	9001 E MARGINAL WAY	1/8 - 1/4 SSE	G24	72













## EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
MCMICKEN HEIGHTS	SWF/LF
RENTON JUNCTION (MONSTER ROAD)	SWF/LF
BOW LAKE ABANDONED LANDFILL	SWF/LF
CORLISS ABANDONED LANDFILL	SWF/LF
PUYALLUP/KIT CORNER ABANDONED LAND	SWF/LF
WASTE MOBILE COLLECTIONS	SWF/LF
AUBURN (M & R STREET SITE)	SWF/LF
AUBURN (ROTARY PARK SITE)	SWF/LF
BOW LAKE	SWF/LF
CARTON & BORTH	SWF/LF
CORLISS LANDFILL	SWF/LF
EASTGATE ABANDONED LANDFILL	SWF/LF
ENUMCLAW	SWF/LF
FACTORIA PIT (SUNSET RAVINE PARK)	SWF/LF
H.H. OLESON	SWF/LF
HOUGHTON	SWF/LF
KENT ABANDONED LANDFILL (MILL CREE	SWF/LF
NORTH BEND	SWF/LF
PACIFIC CITY	SWF/LF
8801 E MARGINAL WAY S	UST

# OVERVIEW MAP - 2105962.2s



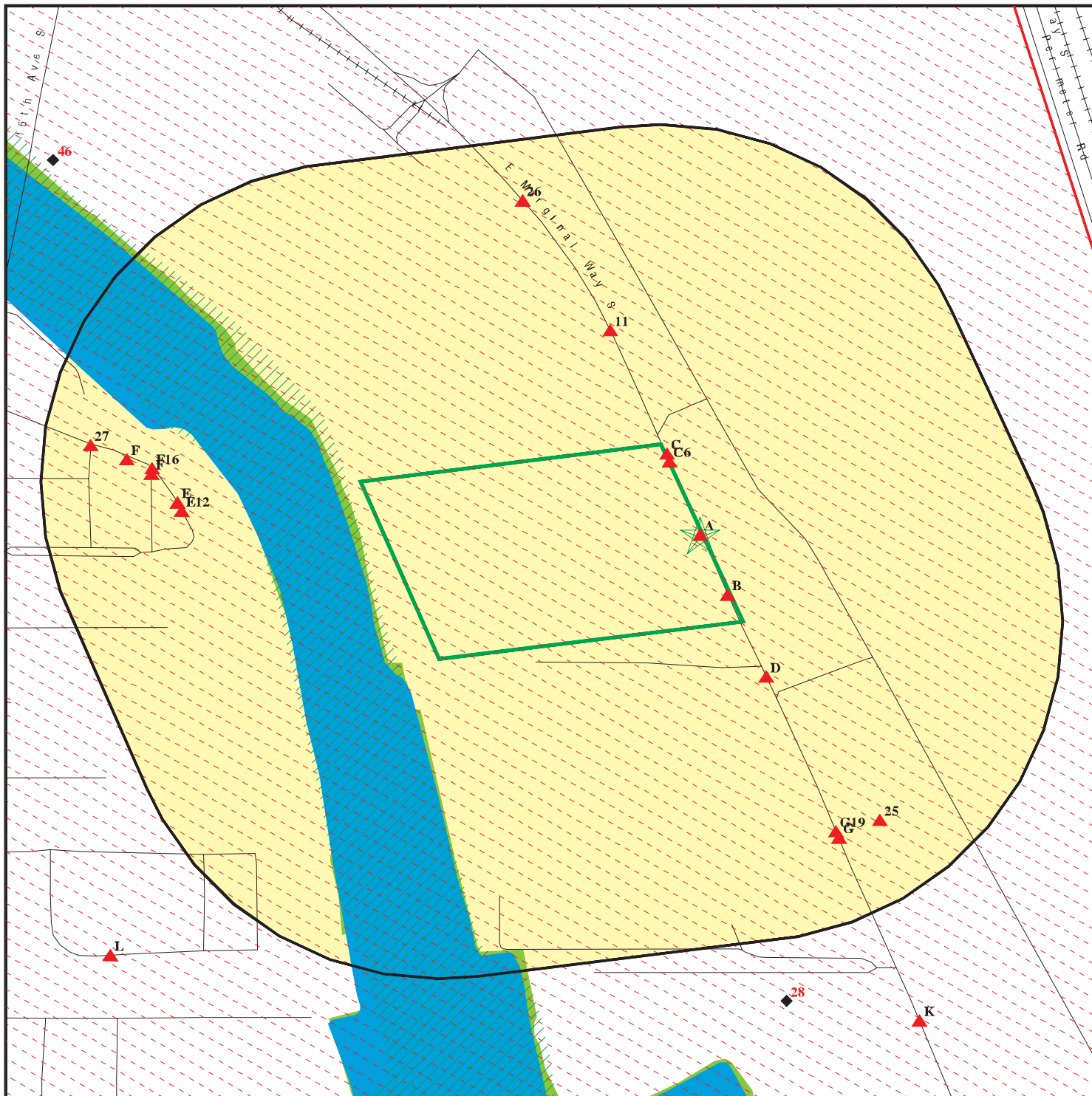
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  Oil & Gas pipelines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory






This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.






SITE NAME: Boeing Issacson/Thompson  
 ADDRESS: 8625 East Marginal Way S  
 Tukwila WA 98108  
 LAT/LONG: 47.5258 / 122.3026

CLIENT: Landau Associates, Inc.  
 CONTACT: Brett Borgeson  
 INQUIRY #: 2105962.2s  
 DATE: December 21, 2007 9:42 am

# DETAIL MAP - 2105962.2s



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Oil & Gas pipelines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Boeing Issacson/Thompson  
 ADDRESS: 8625 East Marginal Way S  
 Tukwila WA 98108  
 LAT/LONG: 47.5258 / 122.3026

CLIENT: Landau Associates, Inc.  
 CONTACT: Brett Borgeson  
 INQUIRY #: 2105962.2s  
 DATE: December 21, 2007 9:43 am

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL RECORDS</u></b>								
NPL		1.000	1	0	0	0	NR	1
Proposed NPL		1.000	1	0	0	0	NR	1
Delisted NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	1	0	0	NR	NR	1
CERC-NFRAP		0.500	1	1	3	NR	NR	5
CORRACTS		1.000	1	0	2	1	NR	4
RCRA TSD		0.500	0	0	1	NR	NR	1
RCRA Lg. Quan. Gen.		0.250	2	1	NR	NR	NR	3
RCRA Sm. Quan. Gen.		0.250	3	7	NR	NR	NR	10
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
LIENS 2		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
<b><u>STATE AND LOCAL RECORDS</u></b>								
CSCSL	X	1.000	3	3	7	16	NR	29
HSL		1.000	0	1	0	0	NR	1
CSCSL NFA		0.500	1	0	4	NR	NR	5
State Landfill		0.500	0	0	0	NR	NR	0
SWTIRE		0.500	0	0	0	NR	NR	0
LUST		0.500	3	1	10	NR	NR	14
UST		0.250	2	2	NR	NR	NR	4

## 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
AST		0.250	0	0	NR	NR	NR	0
MANIFEST		0.250	3	1	NR	NR	NR	4
SPILLS		TP	NR	NR	NR	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
ICR	X	0.500	2	1	18	NR	NR	21
VCP	X	0.500	0	1	3	NR	NR	4
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	1	0	0	NR	NR	1
CDL		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
WA Air Emissions		TP	NR	NR	NR	NR	NR	0
Inactive Drycleaners		0.250	0	0	NR	NR	NR	0
<b><u>TRIBAL RECORDS</u></b>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	2	NR	NR	NR	2
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

**NOTES:**

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**      **BOEING ISAACSON PROPERTY**  
**Target**    **8625 E MARGINAL WAY**  
**Property**   **SEATTLE, WA 98108**

**FINDS**   **1007079749**  
**VCP**      **110015564646**

**Site 1 of 3 in cluster A**

**Actual:**  
**12 ft.**

**FINDS:**  
 Other Pertinent Environmental Activity Identified at Site

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**VCP:**

Facility ID:      1138721  
 Ecology Status: Independent Remedial Action  
 WARM BIN #:    Not reported  
 NFA Code:       Not reported  
 Program Plan:   4

Facility ID:      1138721  
 Ecology Status: Independent Remedial Action  
 WARM BIN #:    Not reported  
 NFA Code:       Not reported  
 Program Plan:   4

**A2**      **ISAACSON PROPERTY**  
**Target**    **8625 E. MARGINAL WAY**  
**Property**   **SEATTLE, WA 98108**

**ICR**      **S104485944**  
**N/A**

**Site 2 of 3 in cluster A**

**Actual:**  
**12 ft.**

**ICR:**  
 Date Ecology Received Report:    04/06/2000  
 Contaminants Found at Site:        Metals  
 Media Contaminated:                Soil  
 Waste Management:                 Not reported  
 Region:                                  North Western  
 Type of Report Ecology Received:   Final cleanup report  
 Site Register Issue:                 98-25  
 County Code:                          17.00000  
 Contact:                                 Not reported  
 Report Title:                            Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Database(s)  
 EDR ID Number  
 EPA ID Number

**A3**      **BOEING ISAACSON PROPERTY**  
**Target**    **8625 E MARGINAL WAY**  
**Property**   **SEATTLE, WA 98108**

**CSCSL**    **S104490866**  
**N/A**

**Actual:**  
**12 ft.**

**Site 3 of 3 in cluster A**

CSCSL:

Facility ID:	1138721	
warm_bin_n:	Not reported	
Prog plan code:	4	
Latitude:	47.524931000000002	
Longitude:	-122.303364	
Lat/Long:	47.524931000000002 / -122.303364	
Lat/Long (dms):	47 31 29.7516000000081 / 122 18 12.1104000000071	
Media ID:	6932	
Media Type Desc:	Soil	
Media Status Desc:	Confirmed	
Affected Media:	Soil	
Affected Media Status:	C	
Pesticides:	Not reported	
Petroleum Products:	Not reported	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:	Not reported	
Base/Neutral/Acid Organics:	Not reported	
Halogenated Organic Compounds:	Not reported	
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels	
Metals - Other non-priority pollutant medals:	Not reported	
Polychlorinated biPhenyls (PCBs):	Not reported	
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported	
Conventional Contaminants, Organic:	Not reported	
Conventional Contaminants, Inorganic:	Not reported	
Tibutyl Tin Contaminant Group:	Not reported	
Bioassay/Benthic Failures Contaminant Group:	Not reported	
Wood Debris Contaminant Group:	Not reported	
Other Deleterious Substance Group:	Not reported	
Ecology Site Status (MTCA cleanup process):	Independent Remedial Action	
Independent Site Status (independent cleanup):	Final Independent Remedial Action Report received	

Facility ID:	1138721	
warm_bin_n:	Not reported	
Prog plan code:	4	
Latitude:	47.524931000000002	
Longitude:	-122.303364	
Lat/Long:	47.524931000000002 / -122.303364	
Lat/Long (dms):	47 31 29.7516000000081 / 122 18 12.1104000000071	
Media ID:	6933	
Media Type Desc:	Groundwater	
Media Status Desc:	Confirmed	
Affected Media:	Ground Water	
Affected Media Status:	C	

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING ISAACSON PROPERTY (Continued)**

**S104490866**

Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

**NPL  
 Region**  
  
 < 1/8  
 1 ft.

**LOWER DUWAMISH WATERWAY  
 RK 2.5 TO RK 10.8  
 SEATTLE, WA 98168**

**CERCLIS 1001217075  
 FINDS WA0002329803  
 NPL  
 Proposed NPL**

**CERCLIS:**  
 Site ID: 1002020  
 Federal Facility: Not a Federal Facility  
 NPL Status: Currently on the Final NPL  
 Non NPL Status: Not reported

**CERCLIS Site Contact Name(s):**  
 Contact Name: ALLISON HILTNER  
 Contact Tel: (206) 553-2140  
 Contact Title: Remedial Project Manager (RPM)

Contact Name: MONICA TONEL  
 Contact Tel: (206) 553-0323  
 Contact Title: Site Assessment Manager (SAM)

Contact Name: KAREN KEELEY  
 Contact Tel: (206) 553-2141  
 Contact Title: Remedial Project Manager (RPM)

Contact Name: KRIS FLINT  
 Contact Tel: (206) 553-8155  
 Contact Title: Remedial Project Manager (RPM)

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**LOWER DUWAMISH WATERWAY (Continued)**

**1001217075**

Contact Name: CLAIRE HONG  
Contact Tel: (206) 553-1813  
Contact Title: Remedial Project Manager (RPM)

Contact Name: Piper Peterson Lee  
Contact Tel: (206) 553-4951  
Contact Title: Remedial Project Manager (RPM)

CERCLIS Site Alias Name(s):

Alias Name: LOWER DUWAMISH RIVER RM 1.5  
Alias Address: RIVER MILE 1.5  
SEATTLE, WA 98134

Alias Name: LOWER DUWAMISH RIVER RM 2.5  
Alias Address: RIVER MILE 1.5  
SEATTLE, WA 98134

Alias Name: LOWER DUWAMISH RIVER KM 1.5  
Alias Address: RIVER KILOMETER 1.5  
SEATTLE, WA 98134

Alias Name: LOWER DUWAMISH RIVER KM 2.5  
Alias Address: RIVER KILOMETER 2.5  
SEATTLE, WA 98134

Alias Name: LOWER DUWAMISH WATERWAY  
Alias Address: RIVER KILOMETER 2.5 TO 11.5  
SEATTLE, WA 98134

Alias Name: LOWER DUWAMISH RIVER KM 2.5-10.8  
Alias Address: RIVER MILE 2.5  
SEATTLE, WA 98134

Alias Name: LOWER DUWAMISH RIVER KM 2.5-10.8  
Alias Address: KILOMETER 2.5 TO 10.8  
SEATTLE, WA 98134

Alias Name: LOWER DUWAMISH WATERWAY  
Alias Address: RK 2.5 TO RK 10.8  
SEATTLE, WA 98168

Site Description: Not reported

CERCLIS Assessment History:

Action: DISCOVERY  
Date Started: Not reported  
Date Completed: 03/25/1998  
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
Date Started: 04/15/1998  
Date Completed: 04/21/1999  
Priority Level: High

Action: SITE INSPECTION  
Date Started: 04/15/1998  
Date Completed: 04/21/1999  
Priority Level: High

Action: PROPOSAL TO NATIONAL PRIORITIES LIST  
Date Started: Not reported  
Date Completed: 12/01/2000  
Priority Level: Not reported

Action: HAZARD RANKING SYSTEM PACKAGE

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**LOWER DUWAMISH WATERWAY (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

1001217075

Date Started:	Not reported
Date Completed:	12/01/2000
Priority Level:	Being considered for proposal to the NPL
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	12/20/2000
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	12/20/2000
Date Completed:	Not reported
Priority Level:	Not reported
Action:	FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	09/13/2001
Priority Level:	Not reported
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	07/10/2003
Priority Level:	Not reported
Action:	ENGINEERING EVALUATION/COST ANALYSIS
Date Started:	07/07/2004
Date Completed:	07/22/2005
Priority Level:	Not reported
Action:	TECHNICAL ASSISTANCE GRANT
Date Started:	08/07/2001
Date Completed:	09/30/2005
Priority Level:	Not reported
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	10/17/2005
Priority Level:	Not reported
Action:	REMOVAL NEGOTIATIONS
Date Started:	Not reported
Date Completed:	10/17/2005
Priority Level:	Not reported
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	12/22/2005
Priority Level:	Not reported
Action:	REMOVAL NEGOTIATIONS
Date Started:	Not reported
Date Completed:	12/22/2005
Priority Level:	Not reported
Action:	TECHNICAL ASSISTANCE GRANT
Date Started:	03/06/2006

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

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

**LOWER DUWAMISH WATERWAY (Continued)**

**1001217075**

Date Completed:	Not reported
Priority Level:	Not reported
Action:	ENGINEERING EVALUATION/COST ANALYSIS
Date Started:	06/15/2004
Date Completed:	05/05/2006
Priority Level:	Not reported
Action:	REMOVAL NEGOTIATIONS
Date Started:	Not reported
Date Completed:	08/11/2006
Priority Level:	Not reported
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	08/11/2006
Priority Level:	Not reported
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	09/28/2006
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIVE; BLE PARTY REMOVAL
Date Started:	09/05/2006
Date Completed:	11/10/2006
Priority Level:	Stabilized
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	02/02/2007
Priority Level:	Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**LOWER DUWAMISH WATERWAY (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1001217075**

that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

NPL:

EPA ID: WA0002329803  
EPA Region: 10  
Federal: No  
Final Date: 09/13/2001

Site Details:

Site Name: LOWER DUWAMISH WATERWAY  
Site Status: Final  
Status Date: 09/13/01  
Site City: SEATTLE  
Site State: WA  
Federal Site: Not a Federal Facility  
HRS Score: 50.00  
GW Score: 0.00  
SW Score: 100.00  
Air Score: Not reported  
Soil Score: Not reported  
DC Score: Not reported  
FE Score: Not reported

Substance Details:

NPL Status: Currently on the Final NPL  
Substance ID: Not reported  
Substance: Not reported  
CAS #: Not reported  
Pathway: Not reported  
Scoring: Not reported

NPL Status: Currently on the Final NPL  
Substance ID: 3001  
Substance: ALFA-TOXINS  
CAS #: 333-41-5  
Pathway: NO PATHWAY INDICATED  
Scoring: 1

NPL Status: Currently on the Final NPL  
Substance ID: A005  
Substance: ARSENIC AND COMPOUNDS  
CAS #: Not reported  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: A008  
Substance: BENZOFLUORANTHENE, 2,3-  
CAS #: Not reported  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: A009

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

LOWER DUWAMISH WATERWAY (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1001217075

Substance: BENZO(K)FLUORANTHENE  
CAS #: 207-08-9  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: A020  
Substance: CHROMIUM AND COMPOUNDS  
CAS #: Not reported  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: A038  
Substance: NICKEL AND COMPOUNDS  
CAS #: Not reported  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: A046  
Substance: POLYCHLORINATED BIPHENYLS  
CAS #: 1336-36-3  
Pathway: SURFACE WATER PATHWAY  
Scoring: 4

NPL Status: Currently on the Final NPL  
Substance ID: C013  
Substance: ANTHRACENE  
CAS #: 120-12-7  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: C178  
Substance: COPPER AND COMPOUNDS  
CAS #: Not reported  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: C332  
Substance: PHENANTHRENE  
CAS #: 85-01-8  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: C385  
Substance: PYRENE  
CAS #: 129-00-0  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: C431  
Substance: FLUORENE

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

LOWER DUWAMISH WATERWAY (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1001217075

CAS #: 86-73-7  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: C460  
Substance: MERCURY  
CAS #: 7439-97-6  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: D006  
Substance: CADMIUM (CD)  
CAS #: 7440-43-9  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: U018  
Substance: BENZ(A)ANTHRACENE  
CAS #: 56-55-3  
Pathway: SURFACE WATER PATHWAY  
Scoring: 4

NPL Status: Currently on the Final NPL  
Substance ID: U022  
Substance: BENZO(A)PYRENE  
CAS #: 50-32-8  
Pathway: SURFACE WATER PATHWAY  
Scoring: 4

NPL Status: Currently on the Final NPL  
Substance ID: U028  
Substance: BIS(2-ETHYLHEXYL)PHTHALATE  
CAS #: 117-81-7  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: U050  
Substance: CHRYSENE  
CAS #: 218-01-9  
Pathway: SURFACE WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: U063  
Substance: DIBENZ(A,H)ANTHRACENE  
CAS #: 53-70-3  
Pathway: SURFACE WATER PATHWAY  
Scoring: 4

NPL Status: Currently on the Final NPL  
Substance ID: U120  
Substance: BENZO(J,K)FLUORENE  
CAS #: 206-44-0

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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**LOWER DUWAMISH WATERWAY (Continued)**

**1001217075**

Pathway: SURFACE WATER PATHWAY  
 Scoring: 2

NPL Status: Currently on the Final NPL  
 Substance ID: U137  
 Substance: INDENO(1,2,3-CD)PYRENE  
 CAS #: 193-39-5  
 Pathway: SURFACE WATER PATHWAY  
 Scoring: 2

NPL Status: Currently on the Final NPL  
 Substance ID: Z038  
 Substance: TRIBUTYLTIN  
 CAS #: 688-73-3  
 Pathway: SURFACE WATER PATHWAY  
 Scoring: 2

NPL Status: Currently on the Final NPL  
 Substance ID: Z039  
 Substance: DI-N-BUTYLTIN  
 CAS #: 1002-53-5  
 Pathway: SURFACE WATER PATHWAY  
 Scoring: 2

NPL Status: Currently on the Final NPL  
 Substance ID: Z040  
 Substance: N-BUTYLTIN  
 CAS #: 2406-65-7  
 Pathway: NO PATHWAY INDICATED  
 Scoring: 1

NPL Status: Currently on the Final NPL  
 Substance ID: Z041  
 Substance: TETRA-N-BUTYLTIN  
 CAS #: 1461-25-2  
 Pathway: NO PATHWAY INDICATED  
 Scoring: 1

Summary Details:

Conditions at Proposal December 1, 2000): Sediments in the lower Duwamish River are contaminated with semivolatile organic compounds, PCBs, inorganics, and organotins. In order to address the long-term threat to the human food chain and sensitive environments in the river, the EPA is adding this site to the NPL. The Duwamish River originates at the confluence of the Green and Black Rivers near Tukwila, Washington, then flows northeast for approximately 21 river kilometers, dividing at the southern end of Harbor Island to form the East and West waterways prior to discharging into Elliot Bay at Seattle, Washington. A segment of the river is maintained by the US Army Corps of Engineers as a federal navigation channel i.e., the reachdownchannel of Turning Basin 3). The shorelines along the majority of the Duwamish Waterway have been developed for industrial and commercial operations. Much of the upland areas are heavily industrial. In addition, this reach of the river is the receiving water body for discharges from over 100 storm drains, combined sewer overflows CSOs), and other outfalls. Historical or current commercial and industrial operations include cargo handling and storage; marine construction; boatmanufacturing; marina operations; paper and metals fabrication; food processing; and airplane parts manufacturing. Contaminants

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**LOWER DUWAMISH WATERWAY (Continued)**

**1001217075**

may have entered the river via several transport mechanisms, including spillage during product shipping and handling, direct disposal or discharge, contaminated ground water discharge, surface water runoff, storm water discharge, or contaminated soil erosion. The presence of polychlorinated terphenyl (PCT), polychlorinated biphenyl (PCB), inorganic, semivolatle organic compound, and organotin contamination to surface sediments has been documented in the lower Duwamish River. In addition, subsurface sample results indicate that semivolatle organic compound, inorganic, and organotin contamination exists up to a depth of 1.2 meters (i.e., 4 feet) at some locations within the river. Numerous investigations performed by USEPA, the Boeing Company, King County Department of Natural Resources, and the National Oceanographic and Atmospheric Administration (NOAA) have been conducted with varying scopes and have led to the documentation of the contamination in the lower Duwamish River. The lower Duwamish River is fished for recreational, commercial, and subsistence purposes. Three salmon hatcheries within the Green-Duwamish River system release approximately 10 million juvenile salmon each year. The Duwamish River is part of the traditional fishing grounds for the Muckleshoot and Suquamish Indian tribes. The National Marine Fisheries Service, has conducted numerous studies on the effects of contaminated sediments on biotic resources in the Duwamish River and elsewhere in Puget Sound. This research has shown that juvenile salmon from the Duwamish River exhibit reduced growth and immune system function relative to salmon from uncontaminated areas. The lower Duwamish River serves as a migratory route, nursery, and osmoregulatory transition one for several species of Pacific salmon. Puget Sound Chinook salmon are federally listed as threatened and utilize the lower Duwamish River during a critical stage of their migration from a fresh water to a salt water environment. The federal candidate species Coho salmon also occurs in this area as does a nesting territory for the federal listed threatened Bald eagle and a wetland. Status September 2001): EPA is considering various alternatives for this site. The description of the site release) is based on information available at the time the site was evaluated with the HRS. The description may change as additional information is gathered on the sources and extent of contamination. See 56 FR 5600, February 11, 1991, or subsequent FR notices. For more information about the hazardous substances identified in this narrative summary, including general information regarding the effects of exposure to these substances on human health, please see the Agency for Toxic Substances and Disease Registry (ATSDR) ToxFAQs. ATSDR ToxFAQs can be found on the Internet at <http://www.atsdr.cdc.gov/toxfaq.html> or by telephone at 1-888-42-ATSDR or 1-888-422-8737.

Site Status Details:

NPL Status: Final  
Proposed Date: 12/01/2000  
Final Date: 09/13/2001  
Deleted Date: Not reported

Narratives Details:

NPL Name: LOWER DUWAMISH WATERWAY  
City: SEATTLE  
State: WA

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**B4**

**BOEING THOMPSON  
 8701 E MARGINAL WAY S  
 SEATTLE, WA 98108**

**FINDS  
 RCRA-LQG  
 WA MANIFEST**

**1000257109  
 WAD980982912**

< 1/8  
 1 ft.

**Site 1 of 2 in cluster B**

**Relative:  
 Higher**

FINDS:  
 Other Pertinent Environmental Activity Identified at Site

**Actual:  
 12 ft.**

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**RCRAInfo:**

Owner: BOEING CO  
 (425)865-2400  
 EPA ID: WAD980982912  
 Contact: TIMOTHY SAVAGE  
 (425) 237-9043  
 Classification: Large Quantity Generator  
 TSD Activities: Not reported

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 2005

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	1225.00	D002	150.00
D005	14855.00	D006	14855.00
D007	15005.00	D008	15205.00
D009	350.00	D010	14505.00
D011	350.00	D018	13980.00
D035	350.00		



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOEING THOMPSON (Continued)**

**1000257109**

Violation Status: No violations found

WA MANIFEST:

Facility Site ID Number: 83767996  
Permit by Rule: No  
Treatment by Generator: No  
Mixed radioactive waste: No  
Importer of hazardous waste: No  
Immediate recycler: No  
Treatment/Storage/Disposal/Recycling Facility: No  
Generator of dangerous fuel waste: No  
Generator marketing to burner: No  
"Other marketers (i.e., blender, distributor, etc.)": No  
Utility boiler burner: No  
Industry boiler burner: No  
Industrial Furnace: No  
Smelter deferral: No  
Universal waste - batteries - generate: No  
Universal waste - thermostats - generate: No  
Universal waste - mercury - generate: No  
Universal waste - lamps - generate: No  
Universal waste - batteries - accumulate: No  
Universal waste - thermostats - accumulate: No  
Universal waste - mercury - accumulate: No  
Universal waste - lamps - accumulate: No  
Destination Facility for Universal Waste: No  
Off-specification used oil burner - utility boiler: No  
Off-specification used oil burner - industrial boiler: No  
Off-specification used oil burner - industrial furnace: No  
EPA ID: WAD980982912  
Facility Address 2: Not reported  
TAX REG NBR: 910425694  
NAICS CD: 336411  
BUSINESS TYPE: Aircraft Manufacturing  
MAIL NAME: The Boeing Company  
MAIL ADDR LINE1: PO Box 3707 M/C 67-74  
MAIL CITY,ST,ZIP: SEATTLE, WA 98124-2207  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: The Boeing Company  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: Office of the General Counsel  
LEGAL ADDR LINE2: 100 N. Riverside  
LEGAL CITY,ST,ZIP: Chicago, IL 60606-1596  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: 312-544-2800  
LEGAL EFFECTIVE DATE: 7/30/1996  
LAND ORG NAME: The Boeing Company  
LAND ORG TYPE: Private  
LAND PERSON NAME: Not reported  
LAND ADDR LINE1: Office of the General Counsel  
LAND ADDR LINE2: 100 N. Riverside  
LAND CITY,ST,ZIP: Chicago, IL 60606-1596  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: 312-544-2800  
OPERATOR ORG NAME: The Boeing Company  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: PO BOX 3707 M/C 67-74

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING THOMPSON (Continued)**

**1000257109**

OPERATOR CITY,ST,ZIP: SEATTLE, WA 98124-2207  
 OPERATOR COUNTRY: UNITED STATES  
 OPERATOR PHONE NBR: 425.965-1567  
 OPERATOR EFFECTIVE DATE: 1/1/1997  
 SITE CONTACT NAME: Michael L Verhaar  
 SITE CONTACT ADDR LINE1: PO Box 3707 MS 67-74  
 SITE CONTACT ZIP: SEATTLE, WA 98124-2207  
 SITE CONTACT COUNTRY: UNITED STATES  
 SITE CONTACT PHONE NBR: (425)965-1567  
 SITE CONTACT EMAIL: Not reported  
 FORM CONTACT NAME: Timothy J Savage  
 FORM CONTACT ADDR LINE1: PO Box 3707  
 FORM CONTACT ADDR LINE2: M/C 67-74  
 FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98124-2207  
 FORM CONTACT COUNTRY: UNITED STATES  
 FORM CONTACT PHONE NBR: (425)965-1567  
 FORM CONTACT EMAIL: timothy.j.savage@boeing.com  
 GEN STATUS CD: LQG  
 MONTHLY GENERATION: Yes  
 BATCH GENERATION: No  
 ONE TIME GENERATION: No  
 TRANSPORTS OWN WASTE: No  
 TRANSPORTS OTHRS WASTE: No  
 RECYCLER ONSITE: No  
 TRANSFER FACILITY: No  
 OTHER EXEMPTION: Not reported  
 UW BATTERY GEN: No  
 USED OIL TRANSPORTER: No  
 USED OIL TRANSFER FACILITY: No  
 USED OIL PROCESSOR: No  
 USED OIL REREFINER: No  
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: No  
 USED OIL FUEL MRKTR MEETS SPECS: No

Facility Site ID Number: 83767996  
 Permit by Rule: FALSE  
 Treatment by Generator: FALSE  
 Mixed radioactive waste: FALSE  
 Importer of hazardous waste: FALSE  
 Immediate recycler: FALSE  
 Treatment/Storage/Disposal/Recycling Facility: FALSE  
 Generator of dangerous fuel waste: FALSE  
 Generator marketing to burner: FALSE  
 "Other marketers (i.e., blender, distributor, etc.)": FALSE  
 Utility boiler burner: FALSE  
 Industry boiler burner: FALSE  
 Industrial Furnace: FALSE  
 Smelter deferral: FALSE  
 Universal waste - batteries - generate: FALSE  
 Universal waste - thermostats - generate: FALSE  
 Universal waste - mercury - generate: FALSE  
 Universal waste - lamps - generate: FALSE  
 Universal waste - batteries - accumulate: FALSE  
 Universal waste - thermostats - accumulate: FALSE  
 Universal waste - mercury - accumulate: FALSE  
 Universal waste - lamps - accumulate: FALSE  
 Destination Facility for Universal Waste: FALSE

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
 EPA ID Number

**BOEING THOMPSON (Continued)**

**1000257109**

Off-specification used oil burner - utility boiler:    FALSE  
 Off-specification used oil burner - industrial boiler:    FALSE  
 Off-specification used oil burner - industrial furnace:    FALSE  
 EPA ID:    WAD980982912  
 Facility Address 2:    Not reported  
 TAX REG NBR:    910425694  
 NAICS CD:    336411  
 BUSINESS TYPE:    Aircraft Manufacturing  
 MAIL NAME:    The Boeing Company  
 MAIL ADDR LINE1:    PO Box 3707 M/C 67-74  
 MAIL CITY,ST,ZIP:    SEATTLE, WA 98124-2207  
 MAIL COUNTRY:    UNITED STATES  
 LEGAL ORG NAME:    The Boeing Company  
 LEGAL ORG TYPE:    Private  
 LEGAL ADDR LINE1:    Office of the General Counsel  
 LEGAL ADDR LINE2:    100 N. Riverside  
 LEGAL CITY,ST,ZIP:    Chicago, IL 60606-1596  
 LEGAL COUNTRY:    UNITED STATES  
 LEGAL PHONE NBR:    312-544-2800  
 LEGAL EFFECTIVE DATE:    7/30/1996  
 LAND ORG NAME:    The Boeing Company  
 LAND ORG TYPE:    Private  
 LAND PERSON NAME:    Not reported  
 LAND ADDR LINE1:    Office of the General Counsel  
 LAND ADDR LINE2:    100 N. Riverside  
 LAND CITY,ST,ZIP:    Chicago, IL 60606-1596  
 LAND COUNTRY:    UNITED STATES  
 LAND PHONE NBR:    312-544-2800  
 OPERATOR ORG NAME:    The Boeing Company  
 OPERATOR ORG TYPE:    Private  
 OPERATOR ADDR LINE1:    PO BOX 3707 M/C 67-74  
 OPERATOR CITY,ST,ZIP:    SEATTLE, WA 98124-2207  
 OPERATOR COUNTRY:    UNITED STATES  
 OPERATOR PHONE NBR:    425.965-1567  
 OPERATOR EFFECTIVE DATE:    1/1/1997  
 SITE CONTACT NAME:    Michael L Verhaar  
 SITE CONTACT ADDR LINE1:    PO Box 3707 MS 67-74  
 SITE CONTACT ZIP:    SEATTLE, WA 98124-2207  
 SITE CONTACT COUNTRY:    UNITED STATES  
 SITE CONTACT PHONE NBR:    (425)965-1567  
 SITE CONTACT EMAIL:    Not reported  
 FORM CONTACT NAME:    Daniel M Machut  
 FORM CONTACT ADDR LINE1:    PO Box 3707  
 FORM CONTACT ADDR LINE2:    M/C 67-74  
 FORM CONTACT CITY,ST,ZIP:    SEATTLE, WA 98124-2207  
 FORM CONTACT COUNTRY:    UNITED STATES  
 FORM CONTACT PHONE NBR:    (206)655-8344  
 FORM CONTACT EMAIL:    daniel.m.machut@boeing.com  
 GEN STATUS CD:    LQG  
 MONTHLY GENERATION:    TRUE  
 BATCH GENERATION:    FALSE  
 ONE TIME GENERATION:    FALSE  
 TRANSPORTS OWN WASTE:    FALSE  
 TRANSPORTS OTHRS WASTE:    FALSE  
 RECYCLER ONSITE:    FALSE  
 TRANSFER FACILITY:    FALSE  
 OTHER EXEMPTION:    Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOEING THOMPSON (Continued)**

1000257109

UW BATTERY GEN: FALSE  
USED OIL TRANSPORTER: FALSE  
USED OIL TRANSFER FACILITY: FALSE  
USED OIL PROCESSOR: FALSE  
USED OIL REREFINER: FALSE  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE  
USED OIL FUEL MRKTR MEETS SPECS: FALSE

B5

**THOMPSON SITE**  
**8701 E MARGINAL WAY**  
**SEATTLE, WA 98108**

LUST U000594522  
UST N/A

< 1/8  
1 ft.

**Site 2 of 2 in cluster B**

Relative:  
Higher

LUST:  
FS ID: 83767996  
Facility ID: 10410  
Release ID: 2557  
Alternate Name: BOEING ISAACSON THOMPSON  
Release Notification Date: 1/1/1984 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.523781 / -122.302933

Actual:  
12 ft.

FS ID: 83767996  
Facility ID: 10410  
Release ID: 2557  
Alternate Name: BOEING ISAACSON THOMPSON  
Release Notification Date: 1/1/1984 00:00:00  
Release Status Date: 6/5/2000 00:00:00  
Facility Status: Reported Cleaned Up  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.523781 / -122.302933

UST:

Facility ID: 83767996  
Site ID: 10410  
**Status: Exempt**  
Tank Name: TS 04  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Used Oil/Waste Oil  
Ecology Region: North Western  
Tank ID: 7105  
Compartment ID: 7234  
Decimal Latitude: 47.523781  
Decimal Longitude: -122.302933

Facility ID: 83767996  
Site ID: 10410  
**Status: Exempt**  
Tank Name: TS 01  
Install Date: 12/31/1964 00:00:00

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**THOMPSON SITE (Continued)**

**U000594522**

Capacity: 20,000 to 29,999 Gallons  
Compartment #: 1  
Substance: Heating Fuel  
Ecology Region: North Western  
Tank ID: 7184  
Compartment ID: 7313  
Decimal Latitude: 47.523781  
Decimal Longitude: -122.302933

Facility ID: 83767996  
Site ID: 10410  
**Status: Removed**  
Tank Name: TS 02  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Leaded Gasoline  
Ecology Region: North Western  
Tank ID: 7053  
Compartment ID: 7181  
Decimal Latitude: 47.523781  
Decimal Longitude: -122.302933

**C6**  
**< 1/8**  
**3 ft.**

**BOEING ISAACSON THOMPSON**  
**8541 E MARGINAL WAY S**  
**SEATTLE, WA 98108**

**RCRA-SQG 1000145041**  
**CSCSL WAD980836159**  
**FINDS**

**Relative:**  
**Higher**

**Site 1 of 3 in cluster C**

**Actual:**  
**12 ft.**

RCRAInfo:  
Owner: ISAACSON CORP  
EPA ID: WAD980836159  
Contact: P V  
(206) 763-8660  
Classification: Small Quantity Generator  
TSDF Activities: Not reported  
Violation Status: No violations found

**CSCSL:**

Facility ID: 2218  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 47.523766999999999  
Longitude: -122.30289999999999  
Lat/Long: 47.523766999999999 / -122.30289999999999  
Lat/Long (dms): 47 31 25.56119999999979 / 122 18 10.43999999999782  
Media ID: 2894  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: Soil  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Not reported  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**BOEING ISAACSON THOMPSON (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000145041**

Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Not reported
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		Not reported
EPA Priority Pollutants - Metals and Cyanide:		Not reported
Metals - Other non-priority pollutant medals:		Confirmed above MTCA cleanup levels
Polychlorinated biPhenyls (PCBs):		Not reported
Polynuclear Aromatic Hydrocarbons (PAH):		Not reported
Conventional Contaminants, Organic:		Not reported
Conventional Contaminants, Inorganic:		Not reported
Tibutyl Tin Contaminant Group:		Not reported
Bioassay/Benthic Failures Contaminant Group:		Not reported
Wood Debris Contaminant Group:		Not reported
Other Deleterious Substance Group:		Not reported
Ecology Site Status (MTCA cleanup process):		Awaiting Site Hazard Assessment (SHA)
Independent Site Status (independent cleanup):		Not reported
Facility ID:	2218	
warm_bin_n:	Not reported	
Prog plan code:	Not reported	
Latitude:	47.523766999999999	
Longitude:	-122.30289999999999	
Lat/Long:	47.523766999999999 / -122.30289999999999	
Lat/Long (dms):	47 31 25.5611999999979 / 122 18 10.4399999999782	
Media ID:	2895	
Media Type Desc:	Groundwater	
Media Status Desc:	Suspected	
Affected Media:	Ground Water	
Affected 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	
Pesticides:	Not reported	
Petroleum Products:	Not reported	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Not reported
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		Not reported
EPA Priority Pollutants - Metals and Cyanide:		Not reported
Metals - Other non-priority pollutant medals:		Suspected to be present
Polychlorinated biPhenyls (PCBs):		Not reported
Polynuclear Aromatic Hydrocarbons (PAH):		Not reported
Conventional Contaminants, Organic:		Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**BOEING ISAACSON THOMPSON (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000145041**

Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**C7**  
**ENE**  
**< 1/8**  
**7 ft.**  
  
**Relative:**  
**Higher**  
  
**Actual:**  
**12 ft.**

**JORGENSEN FORGE CORP**  
**8531 E MARGINAL WAY S**  
**SEATTLE, WA 98108**

**Site 2 of 3 in cluster C**

**CSCSL 1000279321**  
**RCRA-LQG 98108RLMJR85**  
**TRIS**  
**RAATS**  
**BROWNFIELDS**  
**CSCSL NFA**  
**WA MANIFEST**  
**ICR**  
**HAZNET**

**CSCSL:**

Facility ID: 2382  
 warm\_bin\_n: 1  
 Prog plan code: Not reported  
 Latitude: 47.526161000000002  
 Longitude: -122.304153  
 Lat/Long: 47.526161000000002 / -122.304153  
 Lat/Long (dms): 47 31 34.17960000006801 / 122 18 14.950799999998001  
 Media ID: 3383  
 Media Type Desc: Groundwater  
 Media Status Desc: Suspected  
 Affected Media: Ground Water  
 Affected 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  
  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**JORGENSEN FORGE CORP (Continued)**

**1000279321**

Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Suspected to be present  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2382  
 warm\_bin\_n: 1  
 Prog plan code: Not reported  
 Latitude: 47.526161000000002  
 Longitude: -122.304153  
 Lat/Long: 47.526161000000002 / -122.304153  
 Lat/Long (dms): 47 31 34.179600000006801 / 122 18 14.950799999998001  
 Media ID: 3384  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 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  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**JORGENSEN FORGE CORP (Continued)**

**1000279321**

Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status (independent cleanup): Not reported

**RCRAInfo:**

Owner: JORGENSEN FORGE  
 (206)762-1100  
 EPA ID: WAD000602813  
 Contact: RON ALTIER  
 (206)762-1100 2

Classification: Large Quantity Generator  
 TSDF Activities: Not reported

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 2005

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	1837.56	D002	2220.08
D003	37.50	D005	120.00
D009	7.50	D035	1800.06
K061	286850.00	P106	37.50

Violation Status: Violations exist

Regulation Violated: -200(1)(e) / -330  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 03/06/2001  
 Actual Date Achieved Compliance: 04/16/2001

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 03/29/2001  
 Penalty Type: Not reported

Regulation Violated: 200(1)(e) & 330  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 09/24/1998  
 Actual Date Achieved Compliance: 11/11/1998

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 10/06/1998  
 Penalty Type: Not reported

Regulation Violated: 200(1)(b) & 630(7)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 09/24/1998  
 Actual Date Achieved Compliance: 11/09/1998

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 10/06/1998  
 Penalty Type: Not reported

Regulation Violated: 200(1)(c) & (1)(d)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 09/24/1998  
 Actual Date Achieved Compliance: 11/03/1998

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 10/06/1998  
 Penalty Type: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**JORGENSEN FORGE CORP (Continued)**

**1000279321**

Regulation Violated: 170 &070  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 09/24/1998  
Actual Date Achieved Compliance: 11/11/1998  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/06/1998  
Penalty Type: Not reported  
  
Regulation Violated: 200(1)(b)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 09/24/1998  
Actual Date Achieved Compliance: 11/03/1998  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/06/1998  
Penalty Type: Not reported  
  
Regulation Violated: Not reported  
Area of Violation: GENERATOR-MANIFEST REQUIREMENTS  
Date Violation Determined: 09/01/1988  
Actual Date Achieved Compliance: 09/01/1988  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/06/1998  
Penalty Type: Not reported  
  
Regulation Violated: Not reported  
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS  
Date Violation Determined: 09/01/1988  
Actual Date Achieved Compliance: 09/01/1988  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/06/1998  
Penalty Type: Not reported  
  
Regulation Violated: Not reported  
Area of Violation: GENERATOR-OTHER REQUIREMENTS  
Date Violation Determined: 09/01/1988  
Actual Date Achieved Compliance: 09/01/1988  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/06/1998  
Penalty Type: Not reported  
  
Regulation Violated: Not reported  
Area of Violation: GENERATOR-OTHER REQUIREMENTS  
Date Violation Determined: 06/01/1988  
Actual Date Achieved Compliance: 06/01/1988  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/06/1998  
Penalty Type: Not reported  
  
Regulation Violated: Not reported  
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS  
Date Violation Determined: 06/01/1988  
Actual Date Achieved Compliance: 06/01/1988  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/06/1998  
Penalty Type: Not reported  
  
Regulation Violated: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**JORGENSEN FORGE CORP (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000279321**

Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
 Date Violation Determined: 11/08/1983  
 Actual Date Achieved Compliance: 05/02/1984  
 Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 02/22/1984  
 Penalty Type: Not reported  
 Regulation Violated: Not reported  
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)  
 Date Violation Determined: 11/08/1983  
 Actual Date Achieved Compliance: 05/02/1984  
 Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 02/22/1984  
 Penalty Type: Not reported

There are 13 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	20010416
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19981111
	GENERATOR-GENERAL REQUIREMENTS	19981111
	GENERATOR-GENERAL REQUIREMENTS	19981109
	GENERATOR-GENERAL REQUIREMENTS	19981103
	GENERATOR-GENERAL REQUIREMENTS	19981103
Other Evaluation	GENERATOR-OTHER REQUIREMENTS	19880901
	GENERATOR-LAND BAN REQUIREMENTS	19880901
	GENERATOR-MANIFEST REQUIREMENTS	19880901
Compliance Evaluation Inspection	GENERATOR-OTHER REQUIREMENTS	19880601
	GENERATOR-LAND BAN REQUIREMENTS	19880601
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19840502
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19840502

**BROWNFIELDS:**

Facility ID: 2382  
 Site Stat Code: 2

Facility ID: 2382  
 Site Stat Code: 2

**CSCSL NFA:**

Facility/Site Id: 36575469  
 Ecology Status: Independent Remedial Action  
 Program Plan Code: Not reported  
 Independent Status Code: Final Independent RA Report received  
 WARM Bin Number: Not reported  
 NFA Code: NFA after Assesment IRAP or VCP  
 NFA Date: 10/11/1999 00:00:00  
 Latitude: 47.526161  
 Longitude: -122.304153

**WA MANIFEST:**

Facility Site ID Number: 2382  
 Permit by Rule: FALSE  
 Treatment by Generator: FALSE  
 Mixed radioactive waste: FALSE  
 Importer of hazardous waste: FALSE

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

JORGENSEN FORGE CORP (Continued)

1000279321

Immediate recycler: FALSE  
Treatment/Storage/Disposal/Recycling Facility: FALSE  
Generator of dangerous fuel waste: FALSE  
Generator marketing to burner: FALSE  
"Other marketers (i.e., blender, distributor, etc.)": FALSE  
Utility boiler burner: FALSE  
Industry boiler burner: FALSE  
Industrial Furnace: FALSE  
Smelter defferal: FALSE  
Universal waste - batteries - generate: FALSE  
Universal waste - thermostats - generate: FALSE  
Universal waste - mercury - generate: FALSE  
Universal waste - lamps - generate: FALSE  
Universal waste - batteries - accumulate: FALSE  
Universal waste - thermostats - accumulate: FALSE  
Universal waste - mercury - accumulate: FALSE  
Universal waste - lamps - accumulate: FALSE  
Destination Facility for Universal Waste: FALSE  
Off-specification used oil burner - utility boiler: FALSE  
Off-specification used oil burner - industrial boiler: FALSE  
Off-specification used oil burner - industrial furnace: FALSE  
EPA ID: WAD000602813  
Facility Address 2: Not reported  
TAX REG NBR: 601395226  
NAICS CD: 332111  
BUSINESS TYPE: Open die forging  
MAIL NAME: Jorgensen Forge  
MAIL ADDR LINE1: 8531 E MARGINAL WAY S  
MAIL CITY,ST,ZIP: SEATTLE, WA 98108-4018  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: Jorgensen Forge  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: 8531 E MARGINAL WAY S  
LEGAL CITY,ST,ZIP: SEATTLE, WA 98108-4018  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: (206)762-1100  
LEGAL EFFECTIVE DATE: 6/14/1996  
LAND ORG NAME: Jorgensen Forge  
LAND ORG TYPE: Private  
LAND PERSON NAME: Not reported  
LAND ADDR LINE1: 8531 E MARGINAL WAY S  
LAND CITY,ST,ZIP: SEATTLE, WA 98108-4018  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (206)762-1100  
OPERATOR ORG NAME: JORGENSEN FORGE CORPORATION  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: 8531 E. MARGINAL WAY S.  
OPERATOR CITY,ST,ZIP: SEATTLE, WA 98108-4018  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: 206-762-1100  
OPERATOR EFFECTIVE DATE: 1/1/1997  
SITE CONTACT NAME: Ron Altier  
SITE CONTACT ADDR LINE1: 8531 E Marginal Way S  
SITE CONTACT ZIP: SEATTLE, WA 98108-4018  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: (206) 676-9249  
SITE CONTACT EMAIL: raltier@jorgensenforge.com



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

JORGENSEN FORGE CORP (Continued)

1000279321

FORM CONTACT NAME: Ron Altier  
FORM CONTACT ADDR LINE1: 8531 E Marginal Way S  
FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98108-4018  
FORM CONTACT COUNTRY: UNITED STATES  
FORM CONTACT PHONE NBR: (206) 676-9249  
FORM CONTACT EMAIL: raltier@jorgensenforge.com  
GEN STATUS CD: LQG  
MONTHLY GENERATION: FALSE  
BATCH GENERATION: TRUE  
ONE TIME GENERATION: FALSE  
TRANSPORTS OWN WASTE: FALSE  
TRANSPORTS OTHRS WASTE: FALSE  
RECYCLER ONSITE: FALSE  
TRANSFER FACILITY: FALSE  
OTHER EXEMPTION: Not reported  
UW BATTERY GEN: FALSE  
USED OIL TRANSPORTER: FALSE  
USED OIL TRANSFER FACILITY: FALSE  
USED OIL PROCESSOR: FALSE  
USED OIL REREFINER: FALSE  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE  
USED OIL FUEL MRKTR MEETS SPECS: FALSE

Facility Site ID Number: 2382  
Permit by Rule: No  
Treatment by Generator: No  
Mixed radioactive waste: No  
Importer of hazardous waste: No  
Immediate recycler: No  
Treatment/Storage/Disposal/Recycling Facility: No  
Generator of dangerous fuel waste: No  
Generator marketing to burner: No  
"Other marketers (i.e., blender, distributor, etc.)": No  
Utility boiler burner: No  
Industry boiler burner: No  
Industrial Furnace: No  
Smelter defferal: No  
Universal waste - batteries - generate: No  
Universal waste - thermostats - generate: No  
Universal waste - mercury - generate: No  
Universal waste - lamps - generate: No  
Universal waste - batteries - accumulate: No  
Universal waste - thermostats - accumulate: No  
Universal waste - mercury - accumulate: No  
Universal waste - lamps - accumulate: No  
Destination Facility for Universal Waste: No  
Off-specification used oil burner - utility boiler: No  
Off-specification used oil burner - industrial boiler: No  
Off-specification used oil burner - industrial furnace: No  
EPA ID: WAD000602813  
Facility Address 2: Not reported  
TAX REG NBR: 601395226  
NAICS CD: 332111  
BUSINESS TYPE: Open die forging  
MAIL NAME: Jorgensen Forge  
MAIL ADDR LINE1: 8531 E MARGINAL WAY S  
MAIL CITY,ST,ZIP: SEATTLE, WA 98108-4018

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

JORGENSEN FORGE CORP (Continued)

1000279321

MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: Jorgensen Forge  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: 8531 E MARGINAL WAY S  
LEGAL CITY,ST,ZIP: SEATTLE, WA 98108-4018  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: (206)762-1100  
LEGAL EFFECTIVE DATE: 6/14/1996  
LAND ORG NAME: Jorgensen Forge  
LAND ORG TYPE: Private  
LAND PERSON NAME: Not reported  
LAND ADDR LINE1: 8531 E MARGINAL WAY S  
LAND CITY,ST,ZIP: SEATTLE, WA 98108-4018  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (206)762-1100  
OPERATOR ORG NAME: JORGENSEN FORGE CORPORATION  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: 8531 E. MARGINAL WAY S.  
OPERATOR CITY,ST,ZIP: SEATTLE, WA 98108-4018  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: 206-762-1100  
OPERATOR EFFECTIVE DATE: 1/1/1997  
SITE CONTACT NAME: Ron Altier  
SITE CONTACT ADDR LINE1: 8531 E Marginal Way S  
SITE CONTACT ZIP: SEATTLE, WA 98108-4018  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: (206) 676-9249  
SITE CONTACT EMAIL: raltier@jorgensenforge.com  
FORM CONTACT NAME: Ron Altier  
FORM CONTACT ADDR LINE1: 8531 E Marginal Way S  
FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98108-4018  
FORM CONTACT COUNTRY: UNITED STATES  
FORM CONTACT PHONE NBR: (206)762-1100 249  
FORM CONTACT EMAIL: raltier@jorgensenforge.com  
GEN STATUS CD: LQG  
MONTHLY GENERATION: No  
BATCH GENERATION: Yes  
ONE TIME GENERATION: No  
TRANSPORTS OWN WASTE: No  
TRANSPORTS OTHRS WASTE: No  
RECYCLER ONSITE: No  
TRANSFER FACILITY: No  
OTHER EXEMPTION: Not reported  
UW BATTERY GEN: No  
USED OIL TRANSPORTER: No  
USED OIL TRANSFER FACILITY: No  
USED OIL PROCESSOR: No  
USED OIL REREFINER: No  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: No  
USED OIL FUEL MRKTR MEETS SPECS: No

ICR:

Date Ecology Received Report: 05/11/1998  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: North Western

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**JORGENSEN FORGE CORP (Continued)**

**1000279321**

Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-06  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 09/13/1999  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: 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: 09/14/1999  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: 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

Date Ecology Received Report: 05/13/1991  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Not reported  
Site Register Issue: 91-29  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 02/13/1992  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-19  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 03/09/1992  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-40

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number

EDR ID Number  
EPA ID Number

**JORGENSEN FORGE CORP (Continued)**

**1000279321**

County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported  
  
Date Ecology Received Report: 05/10/1993  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-51  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

**HAZNET:**

Gepaid: WAD000602813  
Contact: THE JORGENSEN FORGE CORP  
Telephone: 2067621100  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 8531 E MARGINAL WAY S  
Mailing City,St,Zip: SEATTLE, WA 981084018  
Gen County: 99  
TSD EPA ID: CAT000646117  
TSD County: Kings  
Waste Category: Other inorganic solid waste  
Disposal Method: Treatment, Tank  
Tons: 62.6200  
Facility County: 99

Gepaid: WAD000602813  
Contact: THE JORGENSEN FORGE CORP  
Telephone: 2067621100  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 8531 E MARGINAL WAY S  
Mailing City,St,Zip: SEATTLE, WA 981084018  
Gen County: 99  
TSD EPA ID: WAD020257945  
TSD County: 99  
Waste Category: Not reported  
Disposal Method: Not reported  
Tons: 16.6800  
Facility County: 99

Gepaid: WAD000602813  
Contact: THE JORGENSEN FORGE CORP  
Telephone: 2067621100  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 8531 E MARGINAL WAY S  
Mailing City,St,Zip: SEATTLE, WA 981084018  
Gen County: 99  
TSD EPA ID: CAT000646117  
TSD County: Kings  
Waste Category: Other inorganic solid waste

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

JORGENSEN FORGE CORP (Continued)

1000279321

Disposal Method: \*\*\*  
Tons: 15.0000  
Facility County: 99  
  
Gepaid: WAD000602813  
Contact: THE JORGENSEN FORGE CORP  
Telephone: 2067621100  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 8531 E MARGINAL WAY S  
Mailing City,St,Zip: SEATTLE, WA 981084018  
Gen County: 99  
TSD EPA ID: CAT000646117  
TSD County: Kings  
Waste Category: Other inorganic solid waste  
Disposal Method: Treatment, Tank  
Tons: 25.0000  
Facility County: 99

Gepaid: WAD000602813  
Contact: THE JORGENSEN FORGE CORP  
Telephone: 2067621100  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 8531 E MARGINAL WAY S  
Mailing City,St,Zip: SEATTLE, WA 981084018  
Gen County: 99  
TSD EPA ID: CAT000646117  
TSD County: Kings  
Waste Category: Other inorganic solid waste  
Disposal Method: Not reported  
Tons: 15.0000  
Facility County: 99

[Click this hyperlink](#) while viewing on your computer to access additional CA\_HAZNET: detail in the EDR Site Report.

C8  
ENE  
< 1/8  
7 ft.

EARLE M JORGENSEN COMPANY  
8531 E MARGINAL WAY S  
SEATTLE, WA 98108

LUST U000590825  
UST N/A

Site 3 of 3 in cluster C

Relative:  
Higher

LUST:  
FS ID: 36575469  
Facility ID: 6163  
Release ID: 2054  
Alternate Name: JORGENSEN STEEL  
Release Notification Date: 2/26/1991 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.526161000000002 / -122.304153

Actual:  
12 ft.

FS ID: 36575469  
Facility ID: 6163  
Release ID: 2054

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

EARLE M JORGENSEN COMPANY (Continued)

U000590825

Alternate Name: JORGENSEN STEEL  
Release Notification Date: 2/26/1991 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Ground Water  
Site Response Unit Code: NW  
Lat/Long: 47.526161000000002 / -122.304153

FS ID: 36575469  
Facility ID: 6163  
Release ID: 2054  
Alternate Name: JORGENSEN STEEL  
Release Notification Date: 2/26/1991 00:00:00  
Release Status Date: 10/11/1999 00:00:00  
Facility Status: Reported Cleaned Up  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.526161000000002 / -122.304153

FS ID: 36575469  
Facility ID: 6163  
Release ID: 2054  
Alternate Name: JORGENSEN STEEL  
Release Notification Date: 2/26/1991 00:00:00  
Release Status Date: 10/11/1999 00:00:00  
Facility Status: Reported Cleaned Up  
Affected Media: Ground Water  
Site Response Unit Code: NW  
Lat/Long: 47.526161000000002 / -122.304153

UST:

Facility ID: 36575469  
Site ID: 6163  
**Status: Removed**  
Tank Name: 2.  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Leaded Gasoline  
Ecology Region: North Western  
Tank ID: 14527  
Compartment ID: 14751  
Decimal Latitude: 47.526161000000002  
Decimal Longitude: -122.304153

Facility ID: 36575469  
Site ID: 6163  
**Status: Removed**  
Tank Name: 1. GASOLINE  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Leaded Gasoline  
Ecology Region: North Western  
Tank ID: 31393  
Compartment ID: 31842  
Decimal Latitude: 47.526161000000002



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**EARLE M JORGENSEN COMPANY (Continued)**

**U000590825**

Decimal Longitude: -122.304153  
  
 Facility ID: 36575469  
 Site ID: 6163  
**Status: Removed**  
 Tank Name: 3.  
 Install Date: 12/31/1964 00:00:00  
 Capacity: Not reported  
 Compartment #: 1  
 Substance: Leaded Gasoline  
 Ecology Region: North Western  
 Tank ID: 18497  
 Compartment ID: 18775  
 Decimal Latitude: 47.526161000000002  
 Decimal Longitude: -122.304153

**D9**  
**SSE**  
 < 1/8  
 247 ft.

**KENWORTH TRUCK PLANT**  
**8801 E. MARGINAL WAY S.**  
**SEATTLE, WA 98108**

**CSCSL** **U003028407**  
**LUST** **N/A**  
**ICR**

**Site 1 of 2 in cluster D**

**Relative:**  
**Higher**

**Actual:**  
**12 ft.**

**CSCSL:**  
 Facility ID: 2072  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.522150000000003  
 Longitude: -122.301533000000001  
 Lat/Long: 47.522150000000003 / -122.301533000000001  
 Lat/Long (dms): 47 31 19.74000000012401 / 122 18 5.5188000000225701  
 Media ID: 2600  
 Media Type Desc: Sediment  
 Media Status Desc: Suspected  
 Affected Media: Sediments  
 Affected 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  
  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Suspected to be present  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
  
 Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): 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

**KENWORTH TRUCK PLANT (Continued)**

**U003028407**

Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 2072  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 47.522150000000003  
Longitude: -122.301533000000001  
Lat/Long: 47.522150000000003 / -122.301533000000001  
Lat/Long (dms): 47 31 19.74000000012401 / 122 18 5.5188000000225701  
Media ID: 2597  
Media Type Desc: Groundwater  
Media Status Desc: Confirmed  
Affected Media: Ground Water  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Suspected to be present  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: C  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 2072  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 47.522150000000003  
Longitude: -122.301533000000001  
Lat/Long: 47.522150000000003 / -122.301533000000001  
Lat/Long (dms): 47 31 19.74000000012401 / 122 18 5.5188000000225701  
Media ID: 2598  
Media Type Desc: Soil  
Media Status Desc: Confirmed

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**KENWORTH TRUCK PLANT (Continued)**

**U003028407**

Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Confirmed above MTCA cleanup levels  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2072  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.522150000000003  
 Longitude: -122.30153300000001  
 Lat/Long: 47.522150000000003 / -122.30153300000001  
 Lat/Long (dms): 47 31 19.74000000012401 / 122 18 5.5188000000225701  
 Media ID: 2599  
 Media Type Desc: Surface Water  
 Media Status Desc: Suspected  
 Affected Media: Surface Water  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Suspected to be present  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Suspected to be present

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**KENWORTH TRUCK PLANT (Continued)**

**U003028407**

Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: S  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

LUST:

FS ID: 2072  
Facility ID: 8218  
Release ID: 552588  
Alternate Name: KENWORTH TRUCK CO / PACCAR INC  
Release Notification Date: 5/13/1997 00:00:00  
Release Status Date: 5/13/1997 00:00:00  
Facility Status: Awaiting Cleanup  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.522150000000003 / -122.30153300000001

FS ID: 2072  
Facility ID: 8218  
Release ID: 552588  
Alternate Name: KENWORTH TRUCK CO / PACCAR INC  
Release Notification Date: 5/13/1997 00:00:00  
Release Status Date: 7/15/1999 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Surface Water  
Site Response Unit Code: NW  
Lat/Long: 47.522150000000003 / -122.30153300000001

FS ID: 2072  
Facility ID: 8218  
Release ID: 552588  
Alternate Name: KENWORTH TRUCK CO / PACCAR INC  
Release Notification Date: 5/13/1997 00:00:00  
Release Status Date: 7/15/1999 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.522150000000003 / -122.30153300000001

FS ID: 2072  
Facility ID: 8218  
Release ID: 552588  
Alternate Name: KENWORTH TRUCK CO / PACCAR INC  
Release Notification Date: 5/13/1997 00:00:00  
Release Status Date: 5/13/1997 00:00:00  
Facility Status: Awaiting Cleanup  
Affected Media: Ground Water

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**KENWORTH TRUCK PLANT (Continued)**

**U003028407**

Site Response Unit Code: NW  
Lat/Long: 47.522150000000003 / -122.30153300000001

FS ID: 2072  
Facility ID: 8218  
Release ID: 552588  
Alternate Name: KENWORTH TRUCK CO / PACCAR INC  
Release Notification Date: 5/13/1997 00:00:00  
Release Status Date: 7/15/1999 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Ground Water  
Site Response Unit Code: NW  
Lat/Long: 47.522150000000003 / -122.30153300000001

FS ID: 2072  
Facility ID: 8218  
Release ID: 552588  
Alternate Name: KENWORTH TRUCK CO / PACCAR INC  
Release Notification Date: 5/13/1997 00:00:00  
Release Status Date: 5/13/1997 00:00:00  
Facility Status: Awaiting Cleanup  
Affected Media: Surface Water  
Site Response Unit Code: NW  
Lat/Long: 47.522150000000003 / -122.30153300000001

**ICR:**

Date Ecology Received Report: 08/08/1999  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Surface water, Soil  
Waste Management: 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: 09/29/1990  
Contaminants Found at Site: Halogenated organic compounds, Petroleum products, Phenolic compounds,  
Non-halogenated solvents  
Media Contaminated: Groundwater, Soil  
Waste Management: Spill, Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 90-14  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 09/25/1995  
Contaminants Found at Site: Metals, Petroleum products  
Media Contaminated: Soil  
Waste Management: Unknown  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 94-08  
County Code: 17.00000

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**KENWORTH TRUCK PLANT (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**U003028407**

Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	08/08/1999
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Surface water, Soil
Waste Management:	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:	UST Investigation Report
Date Ecology Received Report:	02/11/2000
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Surface water, Soil
Waste Management:	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:	Intent to Undertake Remedial Action

**D10  
 SSE  
 < 1/8  
 247 ft.**

**KENWORTH TRUCK CO  
 8801 E MARGINAL WAY S  
 SEATTLE, WA 98108**

**RCRA-SQG 1000438637  
 FINDS WAD009249509  
 CERC-NFRAP  
 WA MANIFEST**

**Site 2 of 2 in cluster D**

**Relative:  
 Higher**

RCRAInfo:  
 Owner: KENWORTH TRUCK COMPANY  
 EPA ID: WAD009249509  
 Contact: Not reported  
 Classification: Small Quantity Generator  
 TSDF Activities: Not reported

**Actual:  
 12 ft.**

Violation Status: Violations exist

Regulation Violated:	200 & 630 (5)(a)
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	09/01/1998
Actual Date Achieved Compliance:	10/02/1998

Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/08/1998
Penalty Type:	Not reported

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	04/26/1990
Actual Date Achieved Compliance:	08/27/1990

Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/08/1990
Penalty Type:	Not reported

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**KENWORTH TRUCK CO (Continued)**

**1000438637**

Date Violation Determined: 04/06/1984  
 Actual Date Achieved Compliance: 08/22/1984  
 Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 07/07/1984  
 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-ALL REQUIREMENTS (OVERSIGHT)	19981002
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19900827
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19840822

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**CERC-NFRAP:**

Site ID: 1000617  
 Federal Facility: Not a Federal Facility  
 NPL Status: Not on the NPL  
 Non NPL Status: NFRAP

Site Description: Not reported

**CERCLIS-NFRAP Assessment History:**

Action: DISCOVERY

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**KENWORTH TRUCK CO (Continued)**

**1000438637**

Date Started:	Not reported
Date Completed:	11/01/1979
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	04/16/1985
Date Completed:	05/08/1985
Priority Level:	High
Action:	SITE INSPECTION
Date Started:	02/19/1987
Date Completed:	03/12/1987
Priority Level:	NFRAP (No Futher Remedial Action Planned)
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	03/12/1987
Priority Level:	Not reported

**WA MANIFEST:**

Facility Site ID Number:	2072
Permit by Rule:	FALSE
Treatment by Generator:	FALSE
Mixed radioactive waste:	FALSE
Importer of hazardous waste:	FALSE
Immediate recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of dangerous fuel waste:	FALSE
Generator marketing to burner:	FALSE
"Other marketers (i.e., blender, distributor, etc.)":	FALSE
Utility boiler burner:	FALSE
Industry boiler burner:	FALSE
Industrial Furnace:	FALSE
Smelter defferal:	FALSE
Universal waste - batteries - generate:	FALSE
Universal waste - thermostats - generate:	FALSE
Universal waste - mercury - generate:	FALSE
Universal waste - lamps - generate:	FALSE
Universal waste - batteries - accumulate:	FALSE
Universal waste - thermostats - accumulate:	FALSE
Universal waste - mercury - accumulate:	FALSE
Universal waste - lamps - accumulate:	FALSE
Destination Facility for Universal Waste:	FALSE
Off-specification used oil burner - utility boiler:	FALSE
Off-specification used oil burner - industrial boiler:	FALSE
Off-specification used oil burner - industrial furnace:	FALSE
EPA ID:	WAD009249509
Facility Address 2:	Not reported
TAX REG NBR:	177000505
NAICS CD:	33612
BUSINESS TYPE:	Not reported
MAIL NAME:	PACCAR Inc
MAIL ADDR LINE1:	777 106TH AVE NE
MAIL CITY,ST,ZIP:	BELLEVUE, WA 98004-5001
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Paccar Inc
LEGAL ORG TYPE:	Private

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**KENWORTH TRUCK CO (Continued)**

**1000438637**

LEGAL ADDR LINE1: 777 106TH AVE NE  
LEGAL CITY,ST,ZIP: BELLEVUE, WA 98004-5001  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: (425)468-7400  
LEGAL EFFECTIVE DATE: 6/18/1996  
LAND ORG NAME: Merrill Creek Holdings, LLC  
LAND ORG TYPE: Private  
LAND PERSON NAME: Not reported  
LAND ADDR LINE1: 600 University Street, Suite 2820  
LAND CITY,ST,ZIP: SEATTLE, WA 98101  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (206)613-5300  
OPERATOR ORG NAME: International Auto Auction Inc  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: 8801 E MARGINAL WAY S  
OPERATOR CITY,ST,ZIP: SEATTLE, WA 98108  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: (000)000-0000  
OPERATOR EFFECTIVE DATE: 1/1/1997  
SITE CONTACT NAME: Alex Buccilli  
SITE CONTACT ADDR LINE1: 777 106TH AVE NE  
SITE CONTACT ZIP: BELLEVUE, WA 98004-5001  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: (425)468-7928  
SITE CONTACT EMAIL: alex.buccilli@paccar.com  
FORM CONTACT NAME: Alex Buccilli  
FORM CONTACT ADDR LINE1: 777 106TH AVE NE  
FORM CONTACT CITY,ST,ZIP: BELLEVUE, WA 98004-5001  
FORM CONTACT COUNTRY: UNITED STATES  
FORM CONTACT PHONE NBR: (425)468-7928  
FORM CONTACT EMAIL: alex.buccilli@paccar.com  
GEN STATUS CD: XQG  
MONTHLY GENERATION: FALSE  
BATCH GENERATION: FALSE  
ONE TIME GENERATION: FALSE  
TRANSPORTS OWN WASTE: FALSE  
TRANSPORTS OTHRS WASTE: FALSE  
RECYCLER ONSITE: FALSE  
TRANSFER FACILITY: FALSE  
OTHER EXEMPTION: Not reported  
UW BATTERY GEN: FALSE  
USED OIL TRANSPORTER: FALSE  
USED OIL TRANSFER FACILITY: FALSE  
USED OIL PROCESSOR: FALSE  
USED OIL REREFINER: FALSE  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE  
USED OIL FUEL MRKTR MEETS SPECS: FALSE  
  
Facility Site ID Number: 2072  
Permit by Rule: No  
Treatment by Generator: No  
Mixed radioactive waste: No  
Importer of hazardous waste: No  
Immediate recycler: No  
Treatment/Storage/Disposal/Recycling Facility: No  
Generator of dangerous fuel waste: No  
Generator marketing to burner: No

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**KENWORTH TRUCK CO (Continued)**

**1000438637**

"Other marketers (i.e., blender, distributor, etc.)": No  
Utility boiler burner: No  
Industry boiler burner: No  
Industrial Furnace: No  
Smelter defferal: No  
Universal waste - batteries - generate: No  
Universal waste - thermostats - generate: No  
Universal waste - mercury - generate: No  
Universal waste - lamps - generate: No  
Universal waste - batteries - accumulate: No  
Universal waste - thermostats - accumulate: No  
Universal waste - mercury - accumulate: No  
Universal waste - lamps - accumulate: No  
Destination Facility for Universal Waste: No  
Off-specification used oil burner - utility boiler: No  
Off-specification used oil burner - industrial boiler: No  
Off-specification used oil burner - industrial furnace: No  
EPA ID: WAD009249509  
Facility Address 2: Not reported  
TAX REG NBR: 177000505  
NAICS CD: 33612  
BUSINESS TYPE: Not reported  
MAIL NAME: PACCAR Inc  
MAIL ADDR LINE1: 777 106TH AVE NE  
MAIL CITY,ST,ZIP: BELLEVUE, WA 98004-5001  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: Paccar Inc  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: 777 106TH AVE NE  
LEGAL CITY,ST,ZIP: BELLEVUE, WA 98004-5001  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: (425)468-7400  
LEGAL EFFECTIVE DATE: 6/18/1996  
LAND ORG NAME: Merrill Creek Holdings LLC  
LAND ORG TYPE: Private  
LAND PERSON NAME: Not reported  
LAND ADDR LINE1: 600 University Street Suite 2820  
LAND CITY,ST,ZIP: SEATTLE, WA 98101  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (206)613-5300  
OPERATOR ORG NAME: International Auto Auction Inc  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: 8801 E MARGINAL WAY S  
OPERATOR CITY,ST,ZIP: SEATTLE, WA 98108  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: (000)000-0000  
OPERATOR EFFECTIVE DATE: 1/1/1997  
SITE CONTACT NAME: Alex Buccilli  
SITE CONTACT ADDR LINE1: 777 106TH AVE NE  
SITE CONTACT ZIP: BELLEVUE, WA 98004-5001  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: (425)468-7928  
SITE CONTACT EMAIL: alex.buccilli@paccar.com  
FORM CONTACT NAME: Alex Buccilli  
FORM CONTACT ADDR LINE1: 777 106TH AVE NE  
FORM CONTACT CITY,ST,ZIP: BELLEVUE, WA 98004-5001  
FORM CONTACT COUNTRY: UNITED STATES

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**KENWORTH TRUCK CO (Continued)**

**1000438637**

FORM CONTACT PHONE NBR: (425)468-7928  
 FORM CONTACT EMAIL: alex.buccilli@pacarr.com  
 GEN STATUS CD: XQG  
 MONTHLY GENERATION: No  
 BATCH GENERATION: No  
 ONE TIME GENERATION: No  
 TRANSPORTS OWN WASTE: No  
 TRANSPORTS OTHRS WASTE: No  
 RECYCLER ONSITE: No  
 TRANSFER FACILITY: No  
 OTHER EXEMPTION: Not reported  
 UW BATTERY GEN: No  
 USED OIL TRANSPORTER: No  
 USED OIL TRANSFER FACILITY: No  
 USED OIL PROCESSOR: No  
 USED OIL REREFINER: No  
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: No  
 USED OIL FUEL MRKTR MEETS SPECS: No

**11  
 North  
 < 1/8  
 493 ft.**

**BOEING D&SG MFC SITE  
 1008 E MARGINAL WAY S  
 SEATTLE, WA 98108**

**RCRA-SQG 1000455948  
 FINDS WAD988475943  
 CORRACTS**

**Relative:  
 Higher**

RCRAInfo Corrective Action Summary:

Event: RFA Determination Of Need For An RFI, RFI is Necessary;  
 Event Date: 05/21/1997  
 Event: CA Prioritization, Facility or area was assigned a medium corrective action  
 priority.  
 Event Date: 05/21/1997  
 Event: Stabilization Measures Evaluation, This facility is not amenable to  
 stabilization activity at the present time for reasons other than 1) it  
 appears to be technically infeasible or inappropriate (NF) or 2) there is a  
 lack of technical information (IN). Reasons for this conclusion may be the  
 status of closure at the facility, the degree of risk, timing  
 considerations, the status of corrective action work at the facility, or  
 other administrative considerations.  
 Event Date: 09/21/1994  
 Event: CA Prioritization, Facility or area was assigned a low corrective action  
 priority.  
 Event Date: 01/13/1993

**Actual:  
 12 ft.**

RCRAInfo:  
 Owner: THE BOEING COMPANY  
 (206) 655-7431  
 EPA ID: WAD988475943  
 Contact: Not reported  
 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

**BOEING D&SG MFC SITE (Continued)**

**1000455948**

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**CORRACTS:**

EPA ID: WAD988475943  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 01/13/1993  
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD988475943  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 05/21/1997  
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD988475943  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 05/21/1997  
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD988475943  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 09/21/1994  
Action: CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING D&SG MFC SITE (Continued)**

**1000455948**

inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations

NAICS Code(s): 336411  
 Aircraft Manufacturing

**E12 FORMER BASIN OIL CO INC SEATTLE**  
**West 8661 DALLAS AVENUE SOUTH**  
**1/8-1/4 SEATTLE, WA 98108**  
**748 ft.**

**FINDS 1000455947**  
**RCRA-LQG WAD988477501**

**Site 1 of 4 in cluster E**

**Relative:  
 Higher**

**FINDS:**  
 Other Pertinent Environmental Activity Identified at Site

**Actual:  
 20 ft.**

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORMER BASIN OIL CO INC SEATTLE (Continued)**

**1000455947**

RCRAInfo:

Owner: PETER HOFMANN  
(206)767-0301  
EPA ID: WAD988477501

Contact: Not reported

Classification: Large Quantity Generator  
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: -610(12) / -620(1)(e)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 01/09/2006  
Actual Date Achieved Compliance: Not reported

Regulation Violated: -515(6)(b)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 08/19/2004  
Actual Date Achieved Compliance: Not reported

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/07/2004  
Penalty Type: Not reported

Regulation Violated: -070(3) / -170(1)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 08/19/2004  
Actual Date Achieved Compliance: Not reported

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/07/2004  
Penalty Type: Not reported

Regulation Violated: -170(1)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 12/18/2002  
Actual Date Achieved Compliance: 08/11/2003

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/13/2003  
Penalty Type: Not reported

Regulation Violated: -515(6)(b), (9)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 12/18/2002  
Actual Date Achieved Compliance: 04/30/2003

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/13/2003  
Penalty Type: Not reported

Regulation Violated: -515(9)(b)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 12/18/2002  
Actual Date Achieved Compliance: 07/18/2003

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/13/2003  
Penalty Type: Not reported

Regulation Violated: -515(6&9), 279.22(c) 279.54(f)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FORMER BASIN OIL CO INC SEATTLE (Continued)**

**1000455947**

Date Violation Determined: 09/26/2000  
Actual Date Achieved Compliance: 12/21/2000  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 11/07/2000  
Penalty Type: Not reported  
Regulation Violated: -320  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 09/26/2000  
Actual Date Achieved Compliance: 12/21/2000  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 11/07/2000  
Penalty Type: Not reported  
Regulation Violated: -515(9)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 09/26/2000  
Actual Date Achieved Compliance: 12/21/2000  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 11/07/2000  
Penalty Type: Not reported  
Regulation Violated: -516(6)(b), (9)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 09/26/2000  
Actual Date Achieved Compliance: 12/18/2002  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 11/07/2000  
Penalty Type: Not reported  
Regulation Violated: -515(6)(a), (9)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 09/26/2000  
Actual Date Achieved Compliance: 12/21/2000  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 11/07/2000  
Penalty Type: Not reported  
Regulation Violated: -515(9)(a)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 09/26/2000  
Actual Date Achieved Compliance: 12/21/2000  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 11/07/2000  
Penalty Type: Not reported  
Regulation Violated: -515(9)(b)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 09/26/2000  
Actual Date Achieved Compliance: 07/18/2003  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 11/07/2000  
Penalty Type: Not reported  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/13/2003  
Penalty Type: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**FORMER BASIN OIL CO INC SEATTLE (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000455947**

Regulation Violated: 240(5)  
 Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/08/1992  
 Actual Date Achieved Compliance: 09/02/1993

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 08/03/1993  
 Penalty Type: Not reported

Regulation Violated: 250(5)  
 Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/08/1992  
 Actual Date Achieved Compliance: 09/02/1993

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 08/03/1993  
 Penalty Type: Not reported

Regulation Violated: 060(2)  
 Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/08/1992  
 Actual Date Achieved Compliance: 09/02/1993

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 08/03/1993  
 Penalty Type: Not reported

There are 16 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Schedule Evaluation	GENERATOR-GENERAL REQUIREMENTS	
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20030430
	GENERATOR-GENERAL REQUIREMENTS	20030718
	GENERATOR-GENERAL REQUIREMENTS	20030718
	GENERATOR-GENERAL REQUIREMENTS	20030811
	GENERATOR-GENERAL REQUIREMENTS	20011221
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20001221
	GENERATOR-GENERAL REQUIREMENTS	20021218
	GENERATOR-GENERAL REQUIREMENTS	20001221
	GENERATOR-GENERAL REQUIREMENTS	20030718
	GENERATOR-GENERAL REQUIREMENTS	20001221
	GENERATOR-GENERAL REQUIREMENTS	20001221
	GENERATOR-GENERAL REQUIREMENTS	2001221
	GENERATOR-GENERAL REQUIREMENTS	20001221
Compliance Evaluation Inspection	TRANSPORTER-GENERAL REQUIREMENTS	19930902
	TRANSPORTER-GENERAL REQUIREMENTS	19930902
	TRANSPORTER-GENERAL REQUIREMENTS	19930902

**E13  
 West  
 1/8-1/4  
 760 ft.**

**MALARKEY ASPHALT  
 8700 DALLAS AVE. S.  
 SEATTLE, WA 98108**

**ICR 1000155598  
 N/A**

**Site 2 of 4 in cluster E**

**Relative:  
 Higher**

ICR:  
 Date Ecology Received Report: 12/22/1997  
 Contaminants Found at Site: PCB's  
 Media Contaminated: Groundwater, Soil  
 Waste Management: Not reported  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report

**Actual:  
 20 ft.**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**MALARKEY ASPHALT (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

1000155598

Site Register Issue:	98-04
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	05/21/1998
Contaminants Found at Site:	Petroleum products, PCB's
Media Contaminated:	Groundwater, Soil
Waste Management:	Not reported
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-04
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	07/08/1998
Contaminants Found at Site:	PCB's, Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Not reported
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-06
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	01/31/2000
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	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:	05/07/1992
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-37
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	05/31/1996
Contaminants Found at Site:	Petroleum products, Polynuclear aromatic hydrocarbons, PCB's
Media Contaminated:	Soil, Groundwater, Surface water, SE
Waste Management:	Tank, Spill, Impoundment
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	94-31
County Code:	17.00000

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**MALARKEY ASPHALT (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

Contact: Not reported  
 Report Title: Not reported

1000155598

**E14**  
**West**  
**1/8-1/4**  
**760 ft.**

**MALARKEY ASPHALT COMPANY**  
**8700 DALLAS AVENUE SOUTH**  
**SEATTLE, WA 98108**

**LUST** **U003029265**  
**UST** **N/A**

**Site 3 of 4 in cluster E**

**Relative:**  
**Higher**

**LUST:**  
 FS ID: 37657495  
 Facility ID: 9901  
 Release ID: 3975  
 Alternate Name: MALARKEY ASPHALT CO  
 Release Notification Date: 5/7/1992 00:00:00  
 Release Status Date: 6/1/1995 00:00:00  
 Facility Status: Cleanup Started  
 Affected Media: Ground Water  
 Site Response Unit Code: NW  
 Lat/Long: 47.526456000000003 / -122.311369

**Actual:**  
**20 ft.**

FS ID: 37657495  
 Facility ID: 9901  
 Release ID: 3975  
 Alternate Name: MALARKEY ASPHALT CO  
 Release Notification Date: 5/7/1992 00:00:00  
 Release Status Date: 6/1/1995 00:00:00  
 Facility Status: Cleanup Started  
 Affected Media: Soil  
 Site Response Unit Code: NW  
 Lat/Long: 47.526456000000003 / -122.311369

**UST:**

Facility ID: 37657495  
 Site ID: 9901  
**Status: Closed in Place**  
 Tank Name: G2  
 Install Date: 12/31/1964 00:00:00  
 Capacity: Not reported  
 Compartment #: 1  
 Substance: Unleaded Gasoline  
 Ecology Region: North Western  
 Tank ID: 19845  
 Compartment ID: 20132  
 Decimal Latitude: 47.526456000000003  
 Decimal Longitude: -122.311369

Facility ID: 37657495  
 Site ID: 9901  
**Status: Removed**  
 Tank Name: 1  
 Install Date: 1/1/1900 00:00:00  
 Capacity: Not reported  
 Compartment #: 1  
 Substance: Diesel  
 Ecology Region: North Western  
 Tank ID: 522544



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**MALARKEY ASPHALT COMPANY (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**U003029265**

Compartment ID: 522545  
Decimal Latitude: 47.526456000000003  
Decimal Longitude: -122.311369

Facility ID: 37657495  
Site ID: 9901  
**Status: Removed**  
Tank Name: R1  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Used Oil/Waste Oil  
Ecology Region: North Western  
Tank ID: 14262  
Compartment ID: 14481  
Decimal Latitude: 47.526456000000003  
Decimal Longitude: -122.311369

Facility ID: 37657495  
Site ID: 9901  
**Status: Closed in Place**  
Tank Name: G1  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: North Western  
Tank ID: 19706  
Compartment ID: 19991  
Decimal Latitude: 47.526456000000003  
Decimal Longitude: -122.311369

Facility ID: 37657495  
Site ID: 9901  
**Status: Closed in Place**  
Tank Name: D1  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Not reported  
Ecology Region: North Western  
Tank ID: 15575  
Compartment ID: 15808  
Decimal Latitude: 47.526456000000003  
Decimal Longitude: -122.311369

**E15**  
**West**  
**1/8-1/4**  
**760 ft.**

**SEATTLE PORT DALLAS AVE**  
**8700 DALLAS AVE S**  
**SEATTLE, WA 98108**  
**Site 4 of 4 in cluster E**

**Relative:**  
**Higher**

**Actual:**  
**20 ft.**

**PADS 1001121615**  
**RCRA-SQG WAR000010413**  
**CSCSL**  
**FINDS**  
**CERC-NFRAP**  
**WA MANIFEST**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

SEATTLE PORT DALLAS AVE (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1001121615

RCRAInfo:

Owner: DUWAMISH PROPERTIES  
(503)283-1191  
EPA ID: WAR000010413  
Contact: Not reported  
Classification: Small Quantity Generator  
TSDF Activities: Not reported  
Violation Status: No violations found

CSCSL:

Facility ID: 2202  
warm\_bin\_n: 1  
Prog plan code: Not reported  
Latitude: 47.526505999999998  
Longitude: -122.3115  
Lat/Long: 47.526505999999998 / -122.3115  
Lat/Long (dms): 47 31 35.421599999991699 / 122 18 41.3999999999982803  
Media ID: 2850  
Media Type Desc: Air  
Media Status Desc: Suspected  
Affected Media: Air  
Affected 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  
Pesticides: Not reported  
Petroleum Products: Not reported  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Suspected to be present  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Suspected to be present  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: S  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Remedial Action in progress  
Independent Site Status (independent cleanup): Not reported

Facility ID: 2202  
warm\_bin\_n: 1  
Prog plan code: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**SEATTLE PORT DALLAS AVE (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1001121615**

Latitude: 47.526505999999998  
 Longitude: -122.3115  
 Lat/Long: 47.526505999999998 / -122.3115  
 Lat/Long (dms): 47 31 35.421599999991699 / 122 18 41.3999999999982803  
 Media ID: 2851  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: Ground Water  
 Affected Media Status: C  
 Pesticides: Confirmed above MTCA cleanup levels  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels  
 Halogenated Organic Compounds: Not reported  
 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  
 Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Remedial Action in progress  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2202  
 warm\_bin\_n: 1  
 Prog plan code: Not reported  
 Latitude: 47.526505999999998  
 Longitude: -122.3115  
 Lat/Long: 47.526505999999998 / -122.3115  
 Lat/Long (dms): 47 31 35.421599999991699 / 122 18 41.3999999999982803  
 Media ID: 2852  
 Media Type Desc: Surface Water  
 Media Status Desc: Confirmed  
 Affected Media: Surface Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SEATTLE PORT DALLAS AVE (Continued)**

**1001121615**

Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels  
 Halogenated Organic Compounds: Not reported  
 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  
 Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Remedial Action in progress  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2202  
 warm\_bin\_n: 1  
 Prog plan code: Not reported  
 Latitude: 47.526505999999998  
 Longitude: -122.3115  
 Lat/Long: 47.526505999999998 / -122.3115  
 Lat/Long (dms): 47 31 35.421599999991699 / 122 18 41.399999999982803  
 Media ID: 2853  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Confirmed above MTCA cleanup levels  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Confirmed above MTCA cleanup levels  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels  
 Halogenated Organic Compounds: Not reported  
 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  
 Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

SEATTLE PORT DALLAS AVE (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1001121615

Ecology Site Status (MTCA cleanup process): Remedial Action in progress  
Independent Site Status (independent cleanup): Not reported

Facility ID: 2202  
warm\_bin\_n: 1  
Prog plan code: Not reported  
Latitude: 47.526505999999998  
Longitude: -122.3115  
Lat/Long: 47.526505999999998 / -122.3115  
Lat/Long (dms): 47 31 35.421599999991699 / 122 18 41.3999999999982803  
Media ID: 2854  
Media Type Desc: Sediment  
Media Status Desc: Suspected  
Affected Media: Sediments  
Affected 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  
Pesticides: Not reported  
Petroleum Products: Not reported  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Remedial Action in progress  
Independent Site Status (independent cleanup): Not reported

FINDS:

Other Pertinent Environmental Activity Identified at Site

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**SEATTLE PORT DALLAS AVE (Continued)**

**1001121615**

information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**CERC-NFRAP:**

Site ID: 1001310  
Federal Facility: Not a Federal Facility  
NPL Status: Site is Part of NPL Site  
Non NPL Status: Not reported

**CERCLIS-NFRAP Site Contact Name(s):**

Contact Name: JEFF RODIN  
Contact Tel: (206) 553-6709  
Contact Title: On-Scene Coordinator (OSC)

Site Description: Not reported

**CERCLIS-NFRAP Assessment History:**

Action: DISCOVERY  
Date Started: Not reported  
Date Completed: 06/06/1989  
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
Date Started: 11/15/1990  
Date Completed: 11/15/1990  
Priority Level: Low

Action: SITE INSPECTION  
Date Started: 09/28/1994  
Date Completed: 09/28/1994  
Priority Level: Low

Action: ADMINISTRATIVE ORDER ON CONSENT  
Date Started: Not reported  
Date Completed: 04/26/1996  
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMOVAL  
Date Started: 06/27/1996

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**SEATTLE PORT DALLAS AVE (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1001121615**

Date Completed: 07/13/1998  
 Priority Level: Stabilized

Action: SITE REASSESSMENT  
 Date Started: 06/30/2000  
 Date Completed: 09/14/2000  
 Priority Level: NFRAP (No Futher Remedial Action Planned)

Action: ARCHIVE SITE  
 Date Started: Not reported  
 Date Completed: 09/20/2000  
 Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT  
 Date Started: Not reported  
 Date Completed: 09/21/2000  
 Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMOVAL  
 Date Started: 09/21/2000  
 Date Completed: 09/21/2000  
 Priority Level: Cleaned up

**WA MANIFEST:**

Facility Site ID Number: 2202  
 Permit by Rule: No  
 Treatment by Generator: No  
 Mixed radioactive waste: No  
 Importer of hazardous waste: No  
 Immediate recycler: No  
 Treatment/Storage/Disposal/Recycling Facility: No  
 Generator of dangerous fuel waste: No  
 Generator marketing to burner: No  
 "Other marketers (i.e., blender, distributor, etc.)": No  
 Utility boiler burner: No  
 Industry boiler burner: No  
 Industrial Furnace: No  
 Smelter defferal: No  
 Universal waste - batteries - generate: No  
 Universal waste - thermostats - generate: No  
 Universal waste - mercury - generate: No  
 Universal waste - lamps - generate: No  
 Universal waste - batteries - accumulate: No  
 Universal waste - thermostats - accumulate: No  
 Universal waste - mercury - accumulate: No  
 Universal waste - lamps - accumulate: No  
 Destination Facility for Universal Waste: No  
 Off-specification used oil burner - utility boiler: No  
 Off-specification used oil burner - industrial boiler: No  
 Off-specification used oil burner - industrial furnace: No  
 EPA ID: WAR000010413  
 Facility Address 2: Not reported  
 TAX REG NBR: 178003644  
 NAICS CD: 324122  
 BUSINESS TYPE: Not reported  
 MAIL NAME: Port of Seattle  
 MAIL ADDR LINE1: 2711 Alaskan Way



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SEATTLE PORT DALLAS AVE (Continued)**

**1001121615**

MAIL CITY,ST,ZIP: SEATTLE, WA 98121  
 MAIL COUNTRY: UNITED STATES  
 LEGAL ORG NAME: Seattle Port  
 LEGAL ORG TYPE: District  
 LEGAL ADDR LINE1: 2711 Alaskan Way  
 LEGAL CITY,ST,ZIP: SEATTLE, WA 98121  
 LEGAL COUNTRY: UNITED STATES  
 LEGAL PHONE NBR: (206)728-3000  
 LEGAL EFFECTIVE DATE: 3/10/2000  
 LAND ORG NAME: Port of Seattle  
 LAND ORG TYPE: District  
 LAND PERSON NAME: Not reported  
 LAND ADDR LINE1: 2711 Alaskan Way  
 LAND CITY,ST,ZIP: SEATTLE, WA 98121  
 LAND COUNTRY: UNITED STATES  
 LAND PHONE NBR: (206)728-3000  
 OPERATOR ORG NAME: Port of Seattle  
 OPERATOR ORG TYPE: District  
 OPERATOR ADDR LINE1: 2711 Alaskan Way  
 OPERATOR CITY,ST,ZIP: SEATTLE, WA 98121  
 OPERATOR COUNTRY: UNITED STATES  
 OPERATOR PHONE NBR: 206-728-3000  
 OPERATOR EFFECTIVE DATE: 11/18/1996  
 SITE CONTACT NAME: Peter K Ressler  
 SITE CONTACT ADDR LINE1: 2711 Alaskan Way  
 SITE CONTACT ZIP: SEATTLE, WA 98121  
 SITE CONTACT COUNTRY: UNITED STATES  
 SITE CONTACT PHONE NBR: (206)728-3763  
 SITE CONTACT EMAIL: resslers.p@portseattle.org  
 FORM CONTACT NAME: Peter K Ressler  
 FORM CONTACT ADDR LINE1: 2711 Alaskan Way  
 FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98121  
 FORM CONTACT COUNTRY: UNITED STATES  
 FORM CONTACT PHONE NBR: (206)728-3763  
 FORM CONTACT EMAIL: resslers.p@portseattle.org  
 GEN STATUS CD: XQG  
 MONTHLY GENERATION: No  
 BATCH GENERATION: No  
 ONE TIME GENERATION: No  
 TRANSPORTS OWN WASTE: No  
 TRANSPORTS OTHRS WASTE: No  
 RECYCLER ONSITE: No  
 TRANSFER FACILITY: No  
 OTHER EXEMPTION: Not reported  
 UW BATTERY GEN: No  
 USED OIL TRANSPORTER: No  
 USED OIL TRANSFER FACILITY: No  
 USED OIL PROCESSOR: No  
 USED OIL REREFINER: No  
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: No  
 USED OIL FUEL MRKTR MEETS SPECS: No  
  
 Facility Site ID Number: 2202  
 Permit by Rule: FALSE  
 Treatment by Generator: FALSE  
 Mixed radioactive waste: FALSE  
 Importer of hazardous waste: FALSE

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SEATTLE PORT DALLAS AVE (Continued)**

**1001121615**

Immediate recycler: FALSE  
 Treatment/Storage/Disposal/Recycling Facility: FALSE  
 Generator of dangerous fuel waste: FALSE  
 Generator marketing to burner: FALSE  
 "Other marketers (i.e., blender, distributor, etc.)": FALSE  
 Utility boiler burner: FALSE  
 Industry boiler burner: FALSE  
 Industrial Furnace: FALSE  
 Smelter deferral: FALSE  
 Universal waste - batteries - generate: FALSE  
 Universal waste - thermostats - generate: FALSE  
 Universal waste - mercury - generate: FALSE  
 Universal waste - lamps - generate: FALSE  
 Universal waste - batteries - accumulate: FALSE  
 Universal waste - thermostats - accumulate: FALSE  
 Universal waste - mercury - accumulate: FALSE  
 Universal waste - lamps - accumulate: FALSE  
 Destination Facility for Universal Waste: FALSE  
 Off-specification used oil burner - utility boiler: FALSE  
 Off-specification used oil burner - industrial boiler: FALSE  
 Off-specification used oil burner - industrial furnace: FALSE  
 EPA ID: WAR000010413  
 Facility Address 2: Not reported  
 TAX REG NBR: 178003644  
 NAICS CD: 324122  
 BUSINESS TYPE: Not reported  
 MAIL NAME: Port of Seattle  
 MAIL ADDR LINE1: 2711 Alaskan Way  
 MAIL CITY,ST,ZIP: SEATTLE, WA 98121  
 MAIL COUNTRY: UNITED STATES  
 LEGAL ORG NAME: Seattle Port  
 LEGAL ORG TYPE: District  
 LEGAL ADDR LINE1: 2711 Alaskan Way  
 LEGAL CITY,ST,ZIP: SEATTLE, WA 98121  
 LEGAL COUNTRY: UNITED STATES  
 LEGAL PHONE NBR: (206)728-3000  
 LEGAL EFFECTIVE DATE: 3/10/2000  
 LAND ORG NAME: Port of Seattle  
 LAND ORG TYPE: District  
 LAND PERSON NAME: Not reported  
 LAND ADDR LINE1: 2711 Alaskan Way  
 LAND CITY,ST,ZIP: SEATTLE, WA 98121  
 LAND COUNTRY: UNITED STATES  
 LAND PHONE NBR: (206)728-3000  
 OPERATOR ORG NAME: Port of Seattle  
 OPERATOR ORG TYPE: District  
 OPERATOR ADDR LINE1: 2711 Alaskan Way  
 OPERATOR CITY,ST,ZIP: SEATTLE, WA 98121  
 OPERATOR COUNTRY: UNITED STATES  
 OPERATOR PHONE NBR: 206-728-3000  
 OPERATOR EFFECTIVE DATE: 11/18/1996  
 SITE CONTACT NAME: Peter K Ressler  
 SITE CONTACT ADDR LINE1: 2711 Alaskan Way  
 SITE CONTACT ZIP: SEATTLE, WA 98121  
 SITE CONTACT COUNTRY: UNITED STATES  
 SITE CONTACT PHONE NBR: (206)728-3763  
 SITE CONTACT EMAIL: resslers.p@portseattle.org

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SEATTLE PORT DALLAS AVE (Continued)**

**1001121615**

FORM CONTACT NAME: Peter K Ressler  
 FORM CONTACT ADDR LINE1: 2711 Alaskan Way  
 FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98121  
 FORM CONTACT COUNTRY: UNITED STATES  
 FORM CONTACT PHONE NBR: (206)728-3763  
 FORM CONTACT EMAIL: resslers.p@portseattle.org  
 GEN STATUS CD: SQG  
 MONTHLY GENERATION: FALSE  
 BATCH GENERATION: FALSE  
 ONE TIME GENERATION: TRUE  
 TRANSPORTS OWN WASTE: FALSE  
 TRANSPORTS OTHRS WASTE: FALSE  
 RECYCLER ONSITE: FALSE  
 TRANSFER FACILITY: FALSE  
 OTHER EXEMPTION: Not reported  
 UW BATTERY GEN: FALSE  
 USED OIL TRANSPORTER: FALSE  
 USED OIL TRANSFER FACILITY: FALSE  
 USED OIL PROCESSOR: FALSE  
 USED OIL REREFINER: FALSE  
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE  
 USED OIL FUEL MRKTR MEETS SPECS: FALSE

**F16  
 West  
 1/8-1/4  
 862 ft.**

**SOUTH PARK MARINA  
 8604 DALLAS AVE S  
 SEATTLE, WA 98108**

**RCRA-SQG 1004794412  
 FINDS WAD988513248  
 NPDES**

**Site 1 of 6 in cluster F**

**Relative:  
 Higher**

RCRAInfo:  
 Owner: SOUTH PARK MARINA  
 (206)762-3880  
 EPA ID: WAD988513248  
 Contact: Not reported  
 Classification: Conditionally Exempt Small Quantity Generator  
 TSD Activities: Not reported  
 Violation Status: No violations found

**Actual:  
 21 ft.**

**FINDS:  
 Other Pertinent Environmental Activity Identified at Site**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SOUTH PARK MARINA (Continued)**

**1004794412**

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

**NPDES:**

Facility Type: Boatyard  
 Latitude: 47.52694  
 Longitude: 122.31139  
 Contact Name: Guy Crow  
 Contact Phone Number: 206.762.3880  
 Permit ID: WAG030045C  
 Permit Issue Date: 2-Nov-05  
 Facility Size: General Permits  
 Ecology Contact: Gary Bailey  
 WRIA: Cedar-Sammamish  
 Permit Expiration Date: 2-Nov-10

**F17  
 West  
 1/8-1/4  
 864 ft.**

**ALLIED BOLT CO  
 8619 17TH AVE S  
 SEATTLE, WA 98108**

**RCRA-SQG 1000215305  
 FINDS WAD982659740**

**Site 2 of 6 in cluster F**

**Relative:  
 Higher**

**Actual:  
 22 ft.**

RCRAInfo:  
 Owner: FOSTENERS INC  
 (206)763-7275  
 EPA ID: WAD982659740  
 Contact: DAVE ALLEN  
 (206)763-2275  
 Classification: Small Quantity Generator  
 TSD Activities: Not reported  
 Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**F18**      **BASIN OIL DRUM STORAGE 17TH AVE S**  
**West**      **8617 17TH AVE S**  
**1/8-1/4**      **SEATTLE, WA 98108**  
**864 ft.**

**CSCSL**      **S108653602**  
                  **N/A**

**Relative:**  
**Higher**

**Site 3 of 6 in cluster F**

**Actual:**  
**22 ft.**

CSCSL:

Facility ID:	8901731
warm_bin_n:	Not reported
Prog plan code:	Not reported
Latitude:	47.5261
Longitude:	-122.3121
Lat/Long:	47.5261 / -122.3121
Lat/Long (dms):	47 31 33.959999999998402 / 122 18 43.560000000003399
Media ID:	13141
Media Type Desc:	Soil
Media Status Desc:	Confirmed
Affected Media:	Soil
Affected Media Status:	C
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Responsible Unit:	Northwest Region
Arsenic Code:	Not reported
MTBE Code:	Not reported
UXO Code:	Not reported
Dioxin:	Not reported
Non-Halogenated Solvents:	Not reported
Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	S
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
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported
Tibutyl Tin Contaminant Group:	Not reported
Bioassay/Benthic Failures Contaminant Group:	Not reported
Wood Debris Contaminant Group:	Not reported
Other Deleterious Substance Group:	Not reported
Ecology Site Status (MTCA cleanup process):	Awaiting Site Hazard Assessment (SHA)
Independent Site Status (independent cleanup):	Not reported

Facility ID:	8901731
warm_bin_n:	Not reported
Prog plan code:	Not reported
Latitude:	47.5261
Longitude:	-122.3121
Lat/Long:	47.5261 / -122.3121
Lat/Long (dms):	47 31 33.959999999998402 / 122 18 43.560000000003399
Media ID:	13140
Media Type Desc:	Groundwater
Media Status Desc:	Suspected
Affected Media:	Ground Water
Affected Media Status:	S (Suspected) - Due to preliminary investigations or the nature of

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**BASIN OIL DRUM STORAGE 17TH AVE S (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**S108653602**

business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 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  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

**G19  
 SSE  
 1/8-1/4  
 947 ft.**

**PERETTI FRANK  
 9000 E MARGINAL WAY  
 SEATTLE, WA**

**EDR Historical Auto Stations 1009384695  
 N/A**

**Site 1 of 3 in cluster G**

**Relative:  
 Higher**

EDR Historical Auto Stations:

**Actual:  
 12 ft.**

Name: MOORE AARON L  
 Year: 1935  
 Type: GASOLINE AND OIL SERVICE STATIONS

Name: PERETTI FRANK  
 Year: 1940  
 Type: GASOLINE AND OIL SERVICE STATIONS

**F20  
 West  
 1/8-1/4  
 970 ft.**

**BASIN OIL CO DALLAS AVE  
 8661 DALLAS AVE S  
 SEATTLE, WA 98108**

**CSCSL S105991853  
 SPILLS N/A  
 VCP**

**Site 4 of 6 in cluster F**

**Relative:  
 Higher**

CSCSL:

**Actual:  
 23 ft.**

Facility ID: 83476734  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.526209999999999

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BASIN OIL CO DALLAS AVE (Continued)**

**S105991853**

Longitude: -122.31152  
 Lat/Long: 47.526209999999999 / -122.31152  
 Lat/Long (dms): 47 31 34.359999999999999 / 122 18 41.469999999999999  
 Media ID: 11050  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received  
  
 Facility ID: 83476734  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.526209999999999  
 Longitude: -122.31152  
 Lat/Long: 47.526209999999999 / -122.31152  
 Lat/Long (dms): 47 31 34.359999999999999 / 122 18 41.469999999999999  
 Media ID: 11049  
 Media Type Desc: Surface Water  
 Media Status Desc: Suspected  
 Affected Media: Surface Water  
 Affected 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  
  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BASIN OIL CO DALLAS AVE (Continued)**

**S105991853**

Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

Facility ID: 83476734  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.526209999999999  
 Longitude: -122.31152  
 Lat/Long: 47.526209999999999 / -122.31152  
 Lat/Long (dms): 47 31 34.359999999999999 / 122 18 41.469999999999999  
 Media ID: 11048  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: Ground Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BASIN OIL CO DALLAS AVE (Continued)**

**S105991853**

Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

**SPILLS:**

Facility ID: 424316  
 Medium: SOIL  
 Material Desc: PETROLEUM - UNKNOWN  
 Material Qty: 200  
 Material Units: GALLON  
 Date Received: 6/13/1996  
 Contact Name: DREXLER  
 Company Name: BASIN OIL

**VCP:**

Facility ID: 83476734  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

Facility ID: 83476734  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

Facility ID: 83476734  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

**F21  
 West  
 1/8-1/4  
 970 ft.**

**NORTHWEST ANTIFREEZE SVC INC  
 8661A DALLAS AVE S  
 SEATTLE, WA 98108**

**RCRA-SQG 1001234015  
 FINDS WAH000004234**

**Site 5 of 6 in cluster F**

**Relative:  
 Higher**

RCRAInfo:  
 Owner: NORTHWEST ANTIFREEZE SVC INC  
 (206)763-2948  
 EPA ID: WAH000004234  
 Contact: SHELLEY HOOD  
 (206)763-2948

**Actual:  
 23 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

**NORTHWEST ANTIFREEZE SVC INC (Continued)**

**1001234015**

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

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WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**F22  
 West  
 1/8-1/4  
 970 ft.**

**FRONTWATER SERVICES INC  
 8661 DALLAS AVE S  
 SEATTLE, WA 98108**

**RCRA-SQG 1000323046  
 WAD988466991**

**Site 6 of 6 in cluster F**

**Relative:  
 Higher**

RCRAInfo:  
 Contact: PETER HOFMANN  
 (206) 767-0301

**Actual:  
 23 ft.**

Classification: Small Quantity Generator  
 TSD Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 250(1)  
 Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/08/1992  
 Actual Date Achieved Compliance: 05/07/1993

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 02/01/1993  
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 08/06/1993  
 Penalty Type: Not reported

Regulation Violated: 250(3)  
 Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/08/1992  
 Actual Date Achieved Compliance: 05/07/1993

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 02/01/1993  
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 08/06/1993  
 Penalty Type: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**FRONTWATER SERVICES INC (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000323046**

Regulation Violated: 350(2)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/08/1992  
 Actual Date Achieved Compliance: 05/07/1993

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 02/01/1993  
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 08/06/1993  
 Penalty Type: Not reported

Regulation Violated: 250(6)  
 Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/08/1992  
 Actual Date Achieved Compliance: 05/07/1993

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 02/01/1993  
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 08/06/1993  
 Penalty Type: Not reported

Regulation Violated: 330(1)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/08/1992  
 Actual Date Achieved Compliance: 05/07/1993

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 02/01/1993  
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 08/06/1993  
 Penalty Type: Not reported

Regulation Violated: 250(5A)  
 Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/08/1992  
 Actual Date Achieved Compliance: 05/07/1993

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 02/01/1993  
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 08/06/1993  
 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	TRANSPORTER-GENERAL REQUIREMENTS	19930507
	TRANSPORTER-GENERAL REQUIREMENTS	19930507
	GENERATOR-GENERAL REQUIREMENTS	19930507
	TRANSPORTER-GENERAL REQUIREMENTS	19930507
	TRANSPORTER-GENERAL REQUIREMENTS	19930507
	GENERATOR-GENERAL REQUIREMENTS	19930507

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EPA ID Number

<b>G23</b> <b>SSE</b> <b>1/8-1/4</b> <b>976 ft.</b>	<b>EMERALD TOOL INC</b>  <b>SEATTLE, WA</b>  <b>Site 2 of 3 in cluster G</b>  <b>Relative:</b> <b>Higher</b> HSL: Rank:            5 <b>Actual:</b> Facility Status:    Ranked, Awaiting RA <b>12 ft.</b> <b>Facility Type:</b> <b>Hazardous Sites List</b> FSID Number:      2084	<b>HSL</b>	<b>S104900941</b> <b>N/A</b>
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<b>G24</b> <b>SSE</b> <b>1/8-1/4</b> <b>987 ft.</b>	<b>TOELLNER AUG</b> <b>9001 E MARGINAL WAY</b> <b>SEATTLE, WA</b>  <b>Site 3 of 3 in cluster G</b>  <b>Relative:</b> <b>Higher</b> EDR Historical Auto Stations: Name:                TOELLNER AUG <b>Actual:</b> Year:                 1935 <b>12 ft.</b> Type:                 GASOLINE AND OIL SERVICE STATIONS	<b>EDR Historical Auto Stations</b>	<b>1009384708</b> <b>N/A</b>
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<b>25</b> <b>SE</b> <b>1/8-1/4</b> <b>995 ft.</b>	<b>BOEING KING CNTY AIRPORT OFFICE CENTER</b> <b>9010 E MARGINAL WAY S</b> <b>SEATTLE, WA 98108</b>  <b>Relative:</b> <b>Higher</b> RCRAInfo: Owner:                THE BOEING COMPANY (206) 655-7431 <b>Actual:</b> EPA ID:                WAD980985212 <b>13 ft.</b> Contact:                DAVE GIDEON (360) 393-9214  Classification:    Small Quantity Generator TSDF Activities:   Not reported  Violation Status:   No violations found	<b>RCRA-SQG</b> <b>FINDS</b>	<b>1000257111</b> <b>WAD980985212</b>
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**FINDS:**  
 Other Pertinent Environmental Activity Identified at Site

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MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EDR ID Number EPA ID Number

<b>26</b>	<b>BOEING AIR TRAFFIC CONTROL TOW</b>	<b>RCRA-SQG</b>	<b>1001081954</b>
<b>North</b>	<b>8200 E MARGINAL WAY S</b>	<b>FINDS</b>	<b>WAR000005181</b>
<b>1/8-1/4</b>	<b>SEATTLE, WA 98108</b>		
<b>1069 ft.</b>			

<b>Relative: Higher</b>	<b>RCRAInfo:</b> Owner: THE BOEING COMPANY EPA ID: WAR000005181
<b>Actual: 12 ft.</b>	Contact: Not reported  Classification: Small Quantity Generator TSDF Activities: Not reported  Violation Status: No violations found

**FINDS:**  
Other Pertinent Environmental Activity Identified at Site

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<b>27</b>	<b>WILLARD S CROW</b>	<b>UST</b>	<b>U003960366</b>
<b>West</b>	<b>8604 DALLAS AVE S</b>		<b>N/A</b>
<b>1/8-1/4</b>	<b>SEATTLE, WA 98108</b>		
<b>1124 ft.</b>			

<b>Relative: Higher</b>	<b>UST:</b> Facility ID: 44653368 Site ID: 853
<b>Actual: 23 ft.</b>	<b>Status: Removed</b> Tank Name: 1 Install Date: 12/31/1964 00:00:00 Capacity: Not reported Compartment #: 1 Substance: Leaded Gasoline Ecology Region: North Western Tank ID: 30071 Compartment ID: 30496 Decimal Latitude: 47.52675 Decimal Longitude: -122.31261000000001

<b>28</b>	<b>RHODIA INC</b>	<b>RCRA-SQG</b>	<b>1000311727</b>
<b>South</b>	<b>9229 E MARGINAL WY S RHODIA</b>	<b>CSCSL</b>	<b>WAD009282302</b>
<b>1/4-1/2</b>	<b>SEATTLE, WA 98108</b>	<b>FINDS</b>	
<b>1577 ft.</b>		<b>RAATS</b>	

<b>Relative: Lower</b>	
<b>Actual: 11 ft.</b>	<b>CORRACTS</b> <b>CERC-NFRAP</b> <b>WA MANIFEST</b>

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**RHODIA INC (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000311727**

RCRAInfo Corrective Action Summary:

- Event: CMS Approved  
Event Date: Not reported
- Event: CMS Workplan Approved  
Event Date: Not reported
- Event: Current Human Exposures under Control, Current human exposures are NOT under control.  
Event Date: 09/27/2004
- Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.  
Event Date: 09/27/2004
- Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.  
Event Date: 06/18/2003
- Event: Stabilization Measures Implemented, Primary measure is exposure control by barrier and/or institutional control (e.g., capping, fencing, deed restrictions).  
Event Date: 12/04/2002
- Event: Stabilization Measures Implemented, Groundwater extraction and treatment (e.g., to achieve groundwater containment, to achieve MCL).  
Event Date: 12/04/2002
- Event: Stabilization Measures Implemented, Groundwater extraction and treatment (e.g., to achieve groundwater containment, to achieve MCL).  
Event Date: 03/13/2000
- Event: Igration of Contaminated Groundwater under Control, More information is needed to make a determination.  
Event Date: 03/15/1999
- Event: Current Human Exposures under Control, Current human exposures are NOT under control.  
Event Date: 03/15/1999
- Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.  
Event Date: 09/30/1998
- 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: 10/23/1997



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**RHODIA INC (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000311727**

- Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
- Event Date: 09/26/1997
- Event: Igration of Contaminated Groundwater under Control, More information is needed to make a determination.
- Event Date: 09/26/1997
- Event: Current Human Exposures under Control, More information is needed to make a determination.
- Event Date: 09/26/1997
- Event: RFI Approved
- Event Date: 11/04/1996
- Event: RFI Workplan Approved
- Event Date: 01/24/1994
- Event: Stabilization Measures Implemented, Groundwater extraction and treatment (e.g., to achieve groundwater containment, to achieve MCL).
- Event Date: 09/14/1993
- Event: RFI Imposition, Focused data collection required for stabilization evaluation.
- Event Date: 05/06/1993
- Event: RFA Determination Of Need For An RFI, RFI is Necessary;
- Event Date: 12/17/1992
- 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: 10/30/1992
- Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
- Event Date: 10/15/1991
- Event: RFA Completed
- Event Date: 03/19/1990

**RCRAInfo:**

Owner: RHODIA INC  
 (732)297-0100  
 EPA ID: WAD009282302  
 Contact: Not reported  
 Classification: Small Quantity Generator  
 TSDF Activities: Not reported

**Violation Status: Violations exist**

Regulation Violated:	Not reported
Area of Violation:	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined:	09/29/2004
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/12/1990
Penalty Type:	Not reported
Regulation Violated:	Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**RHODIA INC (Continued)**

**1000311727**

<p>Area of Violation:          Date Violation Determined:          Actual Date Achieved Compliance:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Regulation Violated:          Area of Violation:          Date Violation Determined:          Actual Date Achieved Compliance:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Regulation Violated:          Area of Violation:          Date Violation Determined:          Actual Date Achieved Compliance:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Regulation Violated:          Area of Violation:          Date Violation Determined:          Actual Date Achieved Compliance:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Regulation Violated:          Area of Violation:          Date Violation Determined:          Actual Date Achieved Compliance:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Enforcement Action:          Enforcement Action Date:          Penalty Type:            Regulation Violated:          Area of Violation:          Date Violation Determined:          Actual Date Achieved Compliance:            Enforcement Action:</p>	<p>GENERATOR-GENERAL REQUIREMENTS          11/03/1999          01/31/2000            WRITTEN INFORMAL          11/03/1999          Not reported            WRITTEN INFORMAL          07/12/1990          Not reported            Not reported          COMPLIANCE SCHEDULE VIOLATION          10/25/1999          01/31/2000            NOVCO WITH PENALTY          11/04/1999          Final Monetary Penalty            FINAL 3008(A) SFO ORDER          01/21/2000          Final Monetary Penalty            WRITTEN INFORMAL          07/12/1990          Final Monetary Penalty            Not reported          COMPLIANCE SCHEDULE VIOLATION          10/06/1999          10/06/1999            WRITTEN INFORMAL          10/08/1999          Not reported            WRITTEN INFORMAL          07/12/1990          Not reported            Not reported          TSD-OTHER REQUIREMENTS          08/27/1998          09/14/1998            NOVCO WITH PENALTY          07/10/1998          Proposed Monetary Penalty            FINAL 3008(A) SFO ORDER          08/27/1998          Proposed Monetary Penalty            WRITTEN INFORMAL          07/12/1990          Proposed Monetary Penalty            Not reported          TSD-GOUNDWATER MONITORING REQUIREMENTS          07/10/1998          09/14/1998            NOVCO WITH PENALTY</p>
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Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**RHODIA INC (Continued)**

**1000311727**

Enforcement Action Date: 07/10/1998  
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) SFO ORDER  
Enforcement Action Date: 08/27/1998  
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 06/30/1990  
Actual Date Achieved Compliance: 08/12/1990

Enforcement Action: NOVCO WITH PENALTY  
Enforcement Action Date: 07/10/1998  
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) SFO ORDER  
Enforcement Action Date: 08/27/1998  
Penalty Type: Proposed Monetary Penalty

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 07/12/1990  
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 200(2)(c)  
Area of Violation: TSD-GENERAL STANDARDS  
Date Violation Determined: 06/30/1990  
Actual Date Achieved Compliance: 08/24/1990

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 07/12/1990  
Penalty Type: Not reported

Regulation Violated: 630(6)  
Area of Violation: TSD-GENERAL STANDARDS  
Date Violation Determined: 06/30/1990  
Actual Date Achieved Compliance: 08/24/1990

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 07/12/1990  
Penalty Type: Not reported

Regulation Violated: 330(3)  
Area of Violation: TSD-GENERAL STANDARDS  
Date Violation Determined: 06/30/1990  
Actual Date Achieved Compliance: 08/24/1990

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/08/1999  
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 07/12/1990  
Penalty Type: Not reported

Regulation Violated: 350(d)  
Area of Violation: TSD-GENERAL STANDARDS  
Date Violation Determined: 06/30/1990  
Actual Date Achieved Compliance: 08/24/1990

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 11/03/1999  
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**RHODIA INC (Continued)**

**1000311727**

Enforcement Action Date: 07/12/1990  
Penalty Type: Not reported

Regulation Violated: 630(5)(a)  
Area of Violation: TSD-GENERAL STANDARDS  
Date Violation Determined: 06/30/1990  
Actual Date Achieved Compliance: 08/24/1990

Enforcement Action: NOVCO WITH PENALTY  
Enforcement Action Date: 11/04/1999  
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) SFO ORDER  
Enforcement Action Date: 01/21/2000  
Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 07/12/1990  
Penalty Type: Final Monetary Penalty

Regulation Violated: Not reported  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 06/20/1990  
Actual Date Achieved Compliance: 08/24/1990

Enforcement Action: NOVCO WITH PENALTY  
Enforcement Action Date: 07/10/1998  
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) SFO ORDER  
Enforcement Action Date: 08/27/1998  
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported  
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS  
Date Violation Determined: 03/31/1988  
Actual Date Achieved Compliance: 07/19/1988

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 06/27/1988  
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 06/14/1988  
Penalty Type: Not reported

Regulation Violated: Not reported  
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS  
Date Violation Determined: 01/30/1986  
Actual Date Achieved Compliance: 08/15/1986

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 06/16/1986  
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: 07/31/1986

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 06/16/1986  
Penalty Type: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**RHODIA INC (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000311727**

Penalty Summary:

Penalty Description	Penalty Date	Penalty Amount	Lead Agency
Final Monetary Penalty	1/21/2000	159500	EPA
Final Monetary Penalty	11/4/1999	159500	EPA
Final Monetary Penalty	8/27/1998	304000	EPA
Proposed Monetary Penalty	7/10/1998	321500	EPA

There are 16 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Non-Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	
Other Evaluation	COMPLIANCE SCHEDULE VIOLATION	20000131
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20000131
Other Evaluation	COMPLIANCE SCHEDULE VIOLATION	19991006
Non-Financial Record Review	TSD-GOUNDWATER MONITORING REQUIREMENTS	19980914
	TSD-OTHER REQUIREMENTS	19980914
Compliance Evaluation Inspection	TSD-GENERAL STANDARDS	19900824
	TSD-GENERAL STANDARDS	19900824
	TSD-GENERAL STANDARDS	19900824
	TSD-GENERAL STANDARDS	19900824
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19900812
	TSD-GENERAL STANDARDS	19900824
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19900824
Compliance Evaluation Inspection	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19880719
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19860731
	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19860815

CSCSL:

Facility ID: 2150  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.52053899999999  
 Longitude: -122.301006  
 Lat/Long: 47.52053899999999 / -122.301006  
 Lat/Long (dms): 47 31 13.940399999997901 / 122 18 3.6216000000035802  
 Media ID: 2751  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**RHODIA INC (Continued)**

**1000311727**

Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Confirmed above MTCA cleanup levels  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 2150  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 47.520538999999999  
Longitude: -122.301006  
Lat/Long: 47.520538999999999 / -122.301006  
Lat/Long (dms): 47 31 13.94039999997901 / 122 18 3.6216000000035802  
Media ID: 2752  
Media Type Desc: Groundwater  
Media Status Desc: Confirmed  
Affected Media: Ground Water  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Not reported  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Suspected to be present  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported

Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Suspected to be present  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**RHODIA INC (Continued)**

**1000311727**

these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**CORRACTS:**

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 01/24/1994  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 03/13/2000  
Action: CA600GW - Stabilization Measures Implemented, Groundwater extraction and treatment  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**RHODIA INC (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

Site

1000311727

Actual Date: 03/15/1999  
Action: CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 03/15/1999  
Action: CA750IN - Migration of Contaminated Groundwater under Control, More information is needed to make a determination  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 03/19/1990  
Action: CA050 - RFA Completed  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 05/06/1993  
Action: CA100DC - RFI Imposition, Focused data collection required for stabilization evaluation  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 06/18/2003  
Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: EAST PARCEL  
Actual Date: 07/27/2006  
Action: CA300 - CMS Workplan Approved  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 08/28/2006  
Action: CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control  
NAICS Code(s): 56291

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

RHODIA INC (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000311727

Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 09/14/1993  
Action: CA600GW - Stabilization Measures Implemented, Groundwater extraction and treatment  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 09/26/1997  
Action: CA750IN - Migration of Contaminated Groundwater under Control, More information is needed to make a determination  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 09/26/1997  
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 09/26/1997  
Action: CA725IN - Current Human Exposures Under Control, More information is needed to make a determination  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 09/27/2004  
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: EAST PARCEL  
Actual Date: 09/29/2006  
Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**RHODIA INC (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

Site	Database(s)	EDR ID Number EPA ID Number
EPA Region: 10 Area Name: FACILITY Actual Date: 09/30/1998 Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected  NAICS Code(s): 56291 Remediation Services  EPA ID: WAD009282302 EPA Region: 10 Area Name: FACILITY Actual Date: 10/15/1991 Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority  NAICS Code(s): 56291 Remediation Services  EPA ID: WAD009282302 EPA Region: 10 Area Name: EAST PARCEL Actual Date: 10/20/2006 Action: CA350 - CMS Approved NAICS Code(s): 56291 Remediation Services  EPA ID: WAD009282302 EPA Region: 10 Area Name: FACILITY Actual Date: 10/23/1997 Action: CA225YE - 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  NAICS Code(s): 56291 Remediation Services  EPA ID: WAD009282302 EPA Region: 10 Area Name: FACILITY Actual Date: 10/30/1992 Action: CA225IN - 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  NAICS Code(s): 56291 Remediation Services  EPA ID: WAD009282302 EPA Region: 10 Area Name: FACILITY Actual Date: 11/04/1996 Action: CA200 - RFI Approved NAICS Code(s): 56291 Remediation Services		<b>1000311727</b>

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**RHODIA INC (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000311727**

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 12/04/2002  
Action: CA600GW - Stabilization Measures Implemented, Groundwater extraction and treatment  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 12/04/2002  
Action: CA600EC - Stabilization Measures Implemented, Primary measure is exposure control by barrier and/or institutional control  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: 12/17/1992  
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: EAST PARCEL  
Actual Date: 12/20/2006  
Action: CA400 - Date For Remedy Selection (CM Imposed)  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: / /  
Action: CA300 - CMS Workplan Approved  
NAICS Code(s): 56291  
Remediation Services

EPA ID: WAD009282302  
EPA Region: 10  
Area Name: FACILITY  
Actual Date: / /  
Action: CA350 - CMS Approved  
NAICS Code(s): 56291  
Remediation Services

CERC-NFRAP:  
Site ID: 1000656  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: NFRAP

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RHODIA INC (Continued)**

**1000311727**

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: MONSANTO CO SEATTLE PLANT  
 Alias Address: Not reported  
 WA

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action: PRELIMINARY ASSESSMENT  
 Date Started: 07/01/1979  
 Date Completed: 07/01/1979  
 Priority Level: Low

Action: DISCOVERY  
 Date Started: Not reported  
 Date Completed: 07/01/1979  
 Priority Level: Not reported

Action: SITE INSPECTION  
 Date Started: 11/21/1979  
 Date Completed: 11/21/1979  
 Priority Level: Low

Action: ARCHIVE SITE  
 Date Started: Not reported  
 Date Completed: 06/03/1988  
 Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
 Date Started: 06/03/1988  
 Date Completed: 06/03/1988  
 Priority Level: NFRAP (No Further Remedial Action Planned)

WA MANIFEST:

Facility Site ID Number: 2150  
 Permit by Rule: FALSE  
 Treatment by Generator: FALSE  
 Mixed radioactive waste: FALSE  
 Importer of hazardous waste: FALSE  
 Immediate recycler: FALSE  
 Treatment/Storage/Disposal/Recycling Facility: FALSE  
 Generator of dangerous fuel waste: FALSE  
 Generator marketing to burner: FALSE  
 "Other marketers (i.e., blender, distributor, etc.)": FALSE  
 Utility boiler burner: FALSE  
 Industry boiler burner: FALSE  
 Industrial Furnace: FALSE  
 Smelter deferral: FALSE  
 Universal waste - batteries - generate: FALSE  
 Universal waste - thermostats - generate: FALSE  
 Universal waste - mercury - generate: FALSE  
 Universal waste - lamps - generate: FALSE  
 Universal waste - batteries - accumulate: FALSE  
 Universal waste - thermostats - accumulate: FALSE  
 Universal waste - mercury - accumulate: FALSE  
 Universal waste - lamps - accumulate: FALSE  
 Destination Facility for Universal Waste: FALSE  
 Off-specification used oil burner - utility boiler: FALSE

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**RHODIA INC (Continued)**

**1000311727**

Off-specification used oil burner - industrial boiler: FALSE  
Off-specification used oil burner - industrial furnace: FALSE  
EPA ID: WAD009282302  
Facility Address 2: Not reported  
TAX REG NBR: 601871057  
NAICS CD: 562910  
BUSINESS TYPE: Real Estate Development  
MAIL NAME: Container Properties LLC  
MAIL ADDR LINE1: 22757 72nd Ave S  
MAIL CITY,ST,ZIP: Kent, WA 98032  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: Container Properties LLC  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: 22757 72nd Ave S  
LEGAL CITY,ST,ZIP: Kent, WA 98032  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: (253)872-9522  
LEGAL EFFECTIVE DATE: 11/1/1998  
LAND ORG NAME: Container Properties LLC  
LAND ORG TYPE: Private  
LAND PERSON NAME: Not reported  
LAND ADDR LINE1: 22757 72nd Ave S  
LAND CITY,ST,ZIP: Kent, WA 98032  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (253)872-9522  
OPERATOR ORG NAME: Davis Properties LLC  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: 22757 72nd Ave S  
OPERATOR CITY,ST,ZIP: Kent, WA 98032  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: (253)872-9522  
OPERATOR EFFECTIVE DATE: 5/1/2004  
SITE CONTACT NAME: Jeff Davis  
SITE CONTACT ADDR LINE1: 22757 72nd Ave S  
SITE CONTACT ZIP: Kent, WA 98032  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: (253)872-9522  
SITE CONTACT EMAIL: jeffd@davispropertieslic.com  
FORM CONTACT NAME: Jeff Davis  
FORM CONTACT ADDR LINE1: 22757 72nd Ave S  
FORM CONTACT CITY,ST,ZIP: Kent, WA 98032  
FORM CONTACT COUNTRY: UNITED STATES  
FORM CONTACT PHONE NBR: (253)872-9522  
FORM CONTACT EMAIL: jeffd@davispropertieslic.com  
GEN STATUS CD: MQG  
MONTHLY GENERATION: FALSE  
BATCH GENERATION: TRUE  
ONE TIME GENERATION: FALSE  
TRANSPORTS OWN WASTE: FALSE  
TRANSPORTS OTHRS WASTE: FALSE  
RECYCLER ONSITE: FALSE  
TRANSFER FACILITY: FALSE  
OTHER EXEMPTION: Not reported  
UW BATTERY GEN: FALSE  
USED OIL TRANSPORTER: FALSE  
USED OIL TRANSFER FACILITY: FALSE  
USED OIL PROCESSOR: FALSE

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

RHODIA INC (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000311727

USED OIL REREFINER: FALSE  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE  
USED OIL FUEL MRKTR MEETS SPECS: FALSE

H29  
West  
1/4-1/2  
1626 ft.

SCOTT ANDREWS  
8520 14TH AVE S  
SEATTLE, WA 98104

LUST U003765745  
UST N/A

Site 1 of 4 in cluster H

Relative:  
Higher

Actual:  
21 ft.

LUST:  
FS ID: 41287367  
Facility ID: 565971  
Release ID: 586477  
Alternate Name: ANDREWS PROPERTY  
Release Notification Date: 1/2/2001 00:00:00  
Release Status Date: 12/20/2000 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.526651999999999 / -122.315072

FS ID: 41287367  
Facility ID: 565971  
Release ID: 586477  
Alternate Name: ANDREWS PROPERTY  
Release Notification Date: 1/2/2001 00:00:00  
Release Status Date: 2/14/2001 00:00:00  
Facility Status: Reported Cleaned Up  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.526651999999999 / -122.315072

UST:

Facility ID: 41287367  
Site ID: 565971  
**Status: Removed**  
Tank Name: 2  
Install Date: 1/1/1900 00:00:00  
Capacity: Not reported  
Compartment #: 2  
Substance: Other Petroleum Substance  
Ecology Region: North Western  
Tank ID: 565978  
Compartment ID: 565983  
Decimal Latitude: 47.526651999999999  
Decimal Longitude: -122.315072

Facility ID: 41287367  
Site ID: 565971  
**Status: Removed**  
Tank Name: 3  
Install Date: 1/1/1900 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Other Petroleum Substance  
Ecology Region: North Western



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

SCOTT ANDREWS (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U003765745

Tank ID: 565984  
Compartment ID: 565985  
Decimal Latitude: 47.526651999999999  
Decimal Longitude: -122.315072

Facility ID: 41287367  
Site ID: 565971  
**Status: Removed**  
Tank Name: 4  
Install Date: 1/1/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Other Petroleum Substance  
Ecology Region: North Western  
Tank ID: 565989  
Compartment ID: 565990  
Decimal Latitude: 47.526651999999999  
Decimal Longitude: -122.315072

Facility ID: 41287367  
Site ID: 565971  
**Status: Removed**  
Tank Name: 6  
Install Date: 1/1/1900 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Other Petroleum Substance  
Ecology Region: North Western  
Tank ID: 565999  
Compartment ID: 566000  
Decimal Latitude: 47.526651999999999  
Decimal Longitude: -122.315072

Facility ID: 41287367  
Site ID: 565971  
**Status: Removed**  
Tank Name: 1  
Install Date: 1/1/1900 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Unknown  
Ecology Region: North Western  
Tank ID: 565973  
Compartment ID: 565974  
Decimal Latitude: 47.526651999999999  
Decimal Longitude: -122.315072

Facility ID: 41287367  
Site ID: 565971  
**Status: Removed**  
Tank Name: 5  
Install Date: 1/1/1900 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Other Petroleum Substance  
Ecology Region: North Western  
Tank ID: 565994

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**SCOTT ANDREWS (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

Compartment ID: 565995  
 Decimal Latitude: 47.526651999999999  
 Decimal Longitude: -122.315072

**U003765745**

**H30**  
**West**  
**1/4-1/2**  
**1626 ft.**

**ANDREWS PROPERTY**  
**8520 14TH AVE. S.**  
**SEATTLE, WA 98104**

**ICR S105124730**  
**N/A**

**Site 2 of 4 in cluster H**

**Relative:**  
**Higher**

ICR:  
 Date Ecology Received Report: 02/14/2001  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Soil  
 Waste Management: Tank  
 Region: North Western  
 Type of Report Ecology Received: Final cleanup report  
 Site Register Issue: 98-42  
 County Code: 17.00000  
 Contact: Not reported  
 Report Title: UST Decommissioning and Site Assessment

**Actual:**  
**21 ft.**

**H31**  
**West**  
**1/4-1/2**  
**1632 ft.**

**STEPHANIE CROSBY PROPERTY**  
**8621 14TH AVE S**  
**SEATTLE, WA 98108**

**LUST U003750473**  
**UST N/A**

**Site 3 of 4 in cluster H**

**Relative:**  
**Higher**

LUST:  
 FS ID: 93927211  
 Facility ID: 545685  
 Release ID: 550452  
 Alternate Name: CROSBY AUTO REPAIR SHOP  
 Release Notification Date: 9/20/2000 00:00:00  
 Release Status Date: 9/13/2000 00:00:00  
 Facility Status: Cleanup Started  
 Affected Media: Soil  
 Site Response Unit Code: NW  
 Lat/Long: 47.626207000000001 / -122.31506299999999

**Actual:**  
**21 ft.**

UST:

Facility ID: 93927211  
 Site ID: 545685  
**Status: Closed in Place**  
 Tank Name: 01  
 Install Date: 1/1/1900 00:00:00  
 Capacity: 2,001 to 4,999 Gallons  
 Compartment #: 2  
 Substance: Leaded Gasoline  
 Ecology Region: North Western  
 Tank ID: 545687  
 Compartment ID: 545692  
 Decimal Latitude: 47.626207000000001  
 Decimal Longitude: -122.31506299999999

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**H32**      **CROSBY AUTO REPAIR SHOP**  
**West**      **8621 14TH AVE. S.**  
**1/4-1/2**      **SEATTLE, WA 98108**  
**1632 ft.**

**ICR**      **S105124711**  
             **N/A**

**Site 4 of 4 in cluster H**

**Relative:**  
**Higher**

ICR:  
 Date Ecology Received Report: 02/06/2001  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Soil  
 Waste Management: Tank  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 98-41  
 County Code: 17.00000  
 Contact: Not reported  
 Report Title: Subsurface Investigation

**Actual:**  
**21 ft.**

**I33**      **CHEVRON #9 8484**  
**West**      **8700 14TH AVE. S.**  
**1/4-1/2**      **SEATTLE, WA 98108**  
**1664 ft.**

**ICR**      **S104484680**  
             **N/A**

**Site 1 of 4 in cluster I**

**Relative:**  
**Higher**

ICR:  
 Date Ecology Received Report: 06/17/1996  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: Tank  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 95-07  
 County Code: 17.00000  
 Contact: Not reported  
 Report Title: Not reported

**Actual:**  
**22 ft.**

Date Ecology Received Report: 06/17/1996  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: Tank  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 95-07  
 County Code: 17.00000  
 Contact: Not reported  
 Report Title: Not reported

Date Ecology Received Report: 08/26/1997  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: 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

Date Ecology Received Report: 02/08/1999  
 Contaminants Found at Site: Petroleum products

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**CHEVRON #9 8484 (Continued)**

**S104484680**

Media Contaminated: Groundwater, Soil  
 Waste Management: Tank  
 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: 05/22/2000  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: 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: 02/14/1991  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: 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

Date Ecology Received Report: 09/06/1991  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: 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: 01/27/1993  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: Tank  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 92-46  
 County Code: 17.00000  
 Contact: Not reported  
 Report Title: Not reported

Date Ecology Received Report: 03/01/1993  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: Tank

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**CHEVRON #9 8484 (Continued)**

**S104484680**

Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-46  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 04/21/1993  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-50  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 07/15/1993  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
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

Date Ecology Received Report: 02/24/1994  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: 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: 01/30/1995  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: 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: 11/20/1995  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: 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

**CHEVRON #9 8484 (Continued)**

**S104484680**

Site Register Issue: 94-17  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 11/13/1996  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 94-41  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 06/08/2001  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: 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: Ground Water Monitoring - April 12, 2001

Date Ecology Received Report: 03/01/2001  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: 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: Ground Water Monitoring - January 2001

Date Ecology Received Report: 12/01/2001  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: 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: Ground Water Monitoring - July & October 2001

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**I34**      **CHEVRON 98484**  
**West**    **8700 14TH AVE S**  
**1/4-1/2**   **SEATTLE, WA 98108**  
**1664 ft.**

**LUST**    **U003027297**  
**UST**      **N/A**

**Site 2 of 4 in cluster I**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**22 ft.**

FS ID: 43643315  
 Facility ID: 5249  
 Release ID: 1967  
 Alternate Name: CHEVRON STATION # 9-8484  
 Release Notification Date: 2/14/1991 00:00:00  
 Release Status Date: 6/1/1995 00:00:00  
 Facility Status: Cleanup Started  
 Affected Media: Soil  
 Site Response Unit Code: NW  
 Lat/Long: 47.52539099999999 / -122.31614500000001

FS ID: 43643315  
 Facility ID: 5249  
 Release ID: 1967  
 Alternate Name: CHEVRON STATION # 9-8484  
 Release Notification Date: 2/14/1991 00:00:00  
 Release Status Date: 6/1/1995 00:00:00  
 Facility Status: Cleanup Started  
 Affected Media: Ground Water  
 Site Response Unit Code: NW  
 Lat/Long: 47.52539099999999 / -122.31614500000001

**UST:**

Facility ID: 43643315  
 Site ID: 5249  
**Status: Removed**  
 Tank Name: 1  
 Install Date: 12/31/1964 00:00:00  
 Capacity: Not reported  
 Compartment #: 1  
 Substance: Unleaded Gasoline  
 Ecology Region: North Western  
 Tank ID: 21568  
 Compartment ID: 21879  
 Decimal Latitude: 47.52539099999999  
 Decimal Longitude: -122.31614500000001

Facility ID: 43643315  
 Site ID: 5249  
**Status: Removed**  
 Tank Name: 5  
 Install Date: 12/31/1964 00:00:00  
 Capacity: Not reported  
 Compartment #: 1  
 Substance: Used Oil/Waste Oil  
 Ecology Region: North Western  
 Tank ID: 21606  
 Compartment ID: 21917  
 Decimal Latitude: 47.52539099999999  
 Decimal Longitude: -122.31614500000001

Facility ID: 43643315



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**CHEVRON 98484 (Continued)**

**U003027297**

Site ID: 5249  
**Status: Removed**  
Tank Name: 3  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: North Western  
Tank ID: 21692  
Compartment ID: 22003  
Decimal Latitude: 47.525390999999999  
Decimal Longitude: -122.316145000000001

Facility ID: 43643315  
Site ID: 5249  
**Status: Removed**  
Tank Name: 4  
Install Date: 12/31/1964 00:00:00  
Capacity: 111 TO 1,100 Gallons  
Compartment #: 1  
Substance: Not reported  
Ecology Region: North Western  
Tank ID: 21406  
Compartment ID: 21716  
Decimal Latitude: 47.525390999999999  
Decimal Longitude: -122.316145000000001

Facility ID: 43643315  
Site ID: 5249  
**Status: Removed**  
Tank Name: 2  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Leaded Gasoline  
Ecology Region: North Western  
Tank ID: 21501  
Compartment ID: 21811  
Decimal Latitude: 47.525390999999999  
Decimal Longitude: -122.316145000000001

**I35  
West  
1/4-1/2  
1664 ft.**

**CHEVRON 98484  
8700 14TH AVE S  
SEATTLE, WA 98108**

**CSCSL 100707071  
FINDS 110015473842  
VCP**

**Relative:  
Higher**

**Site 3 of 4 in cluster I**

**Actual:  
22 ft.**

CSCSL:  
Facility ID: 43643315  
warm\_bin\_n: Not reported  
Prog plan code: 4  
Latitude: 47.525390999999999  
Longitude: -122.316145000000001  
Lat/Long: 47.525390999999999 / -122.316145000000001  
Lat/Long (dms): 47 31 31.400000000000002 / 122 18 58.120000000000005  
Media ID: 12115  
Media Type Desc: Soil  
Media Status Desc: Confirmed

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**CHEVRON 98484 (Continued)**

**1007070771**

Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

Facility ID: 43643315  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.525390999999999  
 Longitude: -122.31614500000001  
 Lat/Long: 47.525390999999999 / -122.31614500000001  
 Lat/Long (dms): 47 31 31.400000000000002 / 122 18 58.120000000000005  
 Media ID: 12116  
 Media Type Desc: Groundwater  
 Media Status Desc: Suspected  
 Affected Media: Ground Water  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**CHEVRON 98484 (Continued)**

**1007070771**

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported
Tibutyl Tin Contaminant Group:	Not reported
Bioassay/Benthic Failures Contaminant Group:	Not reported
Wood Debris Contaminant Group:	Not reported
Other Deleterious Substance Group:	Not reported
Ecology Site Status (MTCA cleanup process):	Independent Remedial Action
Independent Site Status (independent cleanup):	Final Independent Remedial Action Report received

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**VCP:**

Facility ID:	43643315
Ecology Status:	Independent Remedial Action
WARM BIN #:	Not reported
NFA Code:	Not reported
Program Plan:	4

Facility ID:	43643315
Ecology Status:	Independent Remedial Action
WARM BIN #:	Not reported
NFA Code:	Not reported
Program Plan:	4

**I36  
 WSW  
 1/4-1/2  
 1679 ft.**

**AUTOMAGIC SITE (FORMER)  
 8721 14TH AVE. SE  
 SEATTLE, WA 98108**

**ICR S103504745  
 N/A**

**Site 4 of 4 in cluster I**

**Relative:  
 Higher**

**ICR:**

Date Ecology Received Report:	/ /
Contaminants Found at Site:	Not reported
Media Contaminated:	Soil
Waste Management:	Not reported
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-10
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported

**Actual:  
 23 ft.**

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**J37**  
**WSW**  
**1/4-1/2**  
**1695 ft.**

**BOEING COMMERCIAL AIRPLANE GROUP BUILDING 15-01**  
**1420 S. TRENTON ST.**  
**SEATTLE, WA 98108**

**ICR** **S104484979**  
**N/A**

**Relative:**  
**Higher**

**Site 1 of 3 in cluster J**

ICR:  
 Date Ecology Received Report: 02/17/1998  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Soil  
 Waste Management: Not reported  
 Region: North Western  
 Type of Report Ecology Received: Final cleanup report  
 Site Register Issue: 98-04  
 County Code: 17.00000  
 Contact: Not reported  
 Report Title: Not reported

**Actual:**  
**19 ft.**

**38**  
**ENE**  
**1/4-1/2**  
**1729 ft.**

**FLIGHTCRAFT INC SEATTLE**  
**8285 PERIMETER RD S**  
**SEATTLE, WA 98108**

**RCRA-SQG** **1001490315**  
**FINDS** **WAD063351332**  
**CSCSL NFA**  
**ICR**

**Relative:**  
**Higher**

RCRAInfo:  
 Owner: PAPE PROPERTIES INC  
 EPA ID: WAD063351332  
 Contact: Not reported  
 Classification: Conditionally Exempt Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

**Actual:**  
**19 ft.**

**FINDS:**  
 Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

CSCSL NFA:  
 Facility/Site Id: 6436627  
 Ecology Status: Independent Remedial Action  
 Program Plan Code: 3  
 Independent Status Code: Final Independent RA Report received  
 WARM Bin Number: Not reported  
 NFA Code: NFA after Assesment IRAP or VCP

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FLIGHTCRAFT INC SEATTLE (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

1001490315

NFA Date: 7/23/1996 00:00:00  
Latitude: 47.534521  
Longitude: -122.301075

ICR:

Date Ecology Received Report: 05/05/1999  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Final cleanup report  
Site Register Issue: 98-15  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 02/27/1995  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 93-47  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: / /  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-40  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 11/08/1991  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Final cleanup report  
Site Register Issue: 92-11  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 07/22/1996  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Final cleanup report  
Site Register Issue: 95-01  
County Code: 17.00000

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**FLIGHTCRAFT INC SEATTLE (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

1001490315

Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	05/22/1996
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	95-01
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	03/13/1996
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	95-01
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	01/29/1996
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	95-01
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	12/21/1995
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	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:	11/17/1995
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	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

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**FLIGHTCRAFT INC SEATTLE (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1001490315**

Date Ecology Received Report: 11/16/1995  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: 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: 11/09/1995  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: 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: 08/07/1995  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: 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

**J39  
 WSW  
 1/4-1/2  
 1769 ft.**

**SCHAUER NORTHWEST INC  
 8819 14TH S  
 SEATTLE, WA 98108**

**RCRA-SQG 1000159813  
 FINDS WAD076638964  
 LUST  
 UST**

**Site 2 of 3 in cluster J**

**Relative:  
 Higher**

RCRAInfo:  
 Owner: SCHAUER NORTHWEST INC  
 (206)763-0557  
 EPA ID: WAD076638964  
 Contact: ROBERT SCHAUER  
 (206)763-0557

**Actual:  
 18 ft.**

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

**SCHAUER NORTHWEST INC (Continued)**

**1000159813**

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**LUST:**

FS ID: 48968474  
Facility ID: 8179  
Release ID: 4946  
Alternate Name: ARCO SCHAUER  
Release Notification Date: 12/2/1993 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Awaiting Cleanup  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.524391000000001 / -122.316647

FS ID: 48968474  
Facility ID: 8179  
Release ID: 4946  
Alternate Name: ARCO SCHAUER  
Release Notification Date: 12/2/1993 00:00:00  
Release Status Date: Not reported  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.524391000000001 / -122.316647

FS ID: 48968474  
Facility ID: 8179  
Release ID: 4946  
Alternate Name: ARCO SCHAUER  
Release Notification Date: 12/2/1993 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Awaiting Cleanup  
Affected Media: Ground Water  
Site Response Unit Code: NW  
Lat/Long: 47.524391000000001 / -122.316647

FS ID: 48968474  
Facility ID: 8179  
Release ID: 4946  
Alternate Name: ARCO SCHAUER  
Release Notification Date: 12/2/1993 00:00:00  
Release Status Date: Not reported  
Facility Status: Cleanup Started  
Affected Media: Ground Water  
Site Response Unit Code: NW

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

SCHAUER NORTHWEST INC (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000159813

Lat/Long: 47.524391000000001 / -122.316647

UST:

Facility ID: 48968474  
Site ID: 8179  
**Status: Operational**  
Tank Name: 2  
Install Date: 12/1/1968 00:00:00  
Capacity: 10,000 to 19,999 Gallons  
Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: North Western  
Tank ID: 32058  
Compartment ID: 32522  
Decimal Latitude: 47.524391000000001  
Decimal Longitude: -122.316647

Facility ID: 48968474  
Site ID: 8179  
**Status: Operational**  
Tank Name: 1  
Install Date: 12/1/1968 00:00:00  
Capacity: 10,000 to 19,999 Gallons  
Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: North Western  
Tank ID: 32276  
Compartment ID: 32742  
Decimal Latitude: 47.524391000000001  
Decimal Longitude: -122.316647

Facility ID: 48968474  
Site ID: 8179  
**Status: Operational**  
Tank Name: 3  
Install Date: 12/1/1968 00:00:00  
Capacity: 5,000 to 9,999 Gallons  
Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: North Western  
Tank ID: 32194  
Compartment ID: 32660  
Decimal Latitude: 47.524391000000001  
Decimal Longitude: -122.316647

J40  
WSW  
1/4-1/2  
1769 ft.

ARCO  
8819 14TH AVE. S.  
SEATTLE, WA 98108

ICR S104485503  
N/A

Relative:  
Higher

Site 3 of 3 in cluster J

ICR:  
Date Ecology Received Report: 06/29/1995  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Groundwater, Soil  
Waste Management: Tank  
Region: North Western

Actual:  
18 ft.

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**ARCO (Continued)**

**S104485503**

Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 98-15  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

**K41**  
**SSE**  
**1/4-1/2**  
**1801 ft.**

**KING COUNTY AIRPORT - HANGAR**  
**9220 E. MARGINAL WAY S.**  
**SEATTLE, WA 98108**

**ICR S104486992**  
**N/A**

**Site 1 of 2 in cluster K**

**Relative:**  
**Higher**

**Actual:**  
**12 ft.**

ICR:  
Date Ecology Received Report: 12/15/1992  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: Tank  
Region: North Western  
Type of Report Ecology Received: Final cleanup report  
Site Register Issue: 92-44  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

**K42**  
**SSE**  
**1/4-1/2**  
**1801 ft.**

**FIRESTONE RETREAD PLANT #127345**  
**9220 E MARGINAL WAY S**  
**SEATTLE, WA 98108**

**LUST U000588139**  
**UST N/A**

**Site 2 of 2 in cluster K**

**Relative:**  
**Higher**

**Actual:**  
**12 ft.**

LUST:  
FS ID: 77345927  
Facility ID: 3061  
Release ID: 1310  
Alternate Name: KING COUNTY AIRPORT FIRESTONE BLDG  
Release Notification Date: 5/15/1989 00:00:00  
Release Status Date: 5/15/1989 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.521811 / -122.301455

FS ID: 77345927  
Facility ID: 3061  
Release ID: 1310  
Alternate Name: KING COUNTY AIRPORT FIRESTONE BLDG  
Release Notification Date: 5/15/1989 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Reported Cleaned Up  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.521811 / -122.301455

FS ID: 77345927  
Facility ID: 3061  
Release ID: 4133

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**FIRESTONE RETREAD PLANT #127345 (Continued)**

**U000588139**

Alternate Name: KING COUNTY AIRPORT HANGAR  
Release Notification Date: 12/15/1992 00:00:00  
Release Status Date: 12/15/1992 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.521811 / -122.301455

FS ID: 77345927  
Facility ID: 3061  
Release ID: 4133  
Alternate Name: KING COUNTY AIRPORT HANGAR  
Release Notification Date: 12/15/1992 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Reported Cleaned Up  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.521811 / -122.301455

UST:

Facility ID: 77345927  
Site ID: 3061  
**Status: Removed**  
Tank Name: 1  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Heating Fuel  
Ecology Region: North Western  
Tank ID: 31484  
Compartment ID: 31936  
Decimal Latitude: 47.521811  
Decimal Longitude: -122.301455

**L43 KRS MARINE**  
**SW 1621 S 92ND PL**  
**1/4-1/2 SEATTLE, WA 98108**  
**1826 ft.**

**CSCSL NFA S104780219**  
**N/A**

**Relative:  
Higher**

**Site 1 of 3 in cluster L**

CSCSL NFA:  
Facility/Site Id: 90355185  
Ecology Status: Independent Remedial Action  
Program Plan Code: 4  
Independent Status Code: Final Independent RA Report received  
WARM Bin Number: Not reported  
NFA Code: NFA after Assesment IRAP or VCP  
NFA Date: 8/17/2000 00:00:00  
Latitude: 47.52061  
Longitude: -122.312138

**Actual:  
16 ft.**

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EDR ID Number EPA ID Number

<b>L44</b>	<b>KRS MARINE</b>	<b>FINDS</b>	<b>1007063299</b>
<b>SW</b>	<b>1621 S 92ND PL</b>	<b>VCP</b>	<b>110015398443</b>
<b>1/4-1/2</b>	<b>SEATTLE, WA 98108</b>		
<b>1826 ft.</b>			
	<b>Site 2 of 3 in cluster L</b>		

**Relative:** FINDS:  
**Higher** Other Pertinent Environmental Activity Identified at Site

**Actual:** WA-DOEFSIS (Washington - Department Of Ecology Facility / Site  
**16 ft.** Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

VCP:  
 Facility ID: 90355185  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: NFA after assessment, IRAP, or VCP  
 Program Plan: 4

<b>L45</b>	<b>KRS MARINE</b>	<b>ICR</b>	<b>S104586222</b>
<b>SW</b>	<b>1621 S. 92ND PL.</b>		<b>N/A</b>
<b>1/4-1/2</b>	<b>SEATTLE, WA 98108</b>		
<b>1826 ft.</b>			
	<b>Site 3 of 3 in cluster L</b>		

**Relative:** ICR:  
**Higher** Date Ecology Received Report: 05/23/2000  
**Actual:** Contaminants Found at Site: Petroleum products  
**16 ft.** Media Contaminated: Soil  
 Waste Management: Improper Handling  
 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

<b>46</b>	<b>LOWER DUWAMISH WATERWAY</b>	<b>CSCSL</b>	<b>S104490882</b>
<b>NW</b>	<b>LOWER DUWAMISH WATERWAY</b>		<b>N/A</b>
<b>1/4-1/2</b>	<b>SEATTLE, WA 98108</b>		
<b>1837 ft.</b>			

**Relative:** CSCSL:  
**Lower** Facility ID: 42927743  
**Actual:** warm\_bin\_n: 0  
**8 ft.** Prog plan code: 2  
 Latitude: 47.567442  
 Longitude: -122.347858  
 Lat/Long: 47.567442 / -122.347858  
 Lat/Long (dms): 47 34 2.7911999999992099 / 122 20 52.288800000008003  
 Media ID: 6802  
 Media Type Desc: Sediment

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**LOWER DUWAMISH WATERWAY (Continued)**

**S104490882**

Media Status Desc: Confirmed  
 Affected Media: Sediments  
 Affected Media Status: C  
 Pesticides: Confirmed above MTCA cleanup levels  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Confirmed above MTCA cleanup levels  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: C  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Confirmed above MTCA cleanup levels  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels  
 Halogenated Organic Compounds: C  
 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  
 Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
 Conventional Contaminants, Organic: Suspected to be present  
 Conventional Contaminants, Inorganic: Confirmed above MTCA cleanup levels  
 Tributyl Tin Contaminant Group: C  
 Bioassay/Benthic Failures Contaminant Group: C  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Remedial Action in progress  
 Independent Site Status (independent cleanup): Not reported

**M47 ARTHUR J WARNER**  
**WSW 9001 14 AVE SOUTH**  
**1/4-1/2 SEATTLE, WA 98108**  
**1997 ft.**

**LUST U001126474**  
**UST N/A**

**Relative:  
 Higher**

**Site 1 of 3 in cluster M**

**LUST:**  
 FS ID: 1661671  
 Facility ID: 10726  
 Release ID: 2970  
 Alternate Name: WARNER'S AUTO REPAIR  
 Release Notification Date: 1/16/1992 00:00:00  
 Release Status Date: 1/16/1992 00:00:00  
 Facility Status: Cleanup Started  
 Affected Media: Soil  
 Site Response Unit Code: NW  
 Lat/Long: 47.522790999999998 / -122.316255

**Actual:  
 20 ft.**

FS ID: 1661671  
 Facility ID: 10726  
 Release ID: 2970  
 Alternate Name: WARNER'S AUTO REPAIR  
 Release Notification Date: 1/16/1992 00:00:00  
 Release Status Date: 6/1/1995 00:00:00  
 Facility Status: Reported Cleaned Up  
 Affected Media: Soil  
 Site Response Unit Code: NW

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

ARTHUR J WARNER (Continued)

U001126474

Lat/Long: 47.522790999999998 / -122.316255

UST:

Facility ID: 1661671  
Site ID: 10726  
**Status: Removed**  
Tank Name: 2  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Leaded Gasoline  
Ecology Region: North Western  
Tank ID: 12908  
Compartment ID: 13107  
Decimal Latitude: 47.522790999999998  
Decimal Longitude: -122.316255

Facility ID: 1661671  
Site ID: 10726  
**Status: Removed**  
Tank Name: 1  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Leaded Gasoline  
Ecology Region: North Western  
Tank ID: 13029  
Compartment ID: 13230  
Decimal Latitude: 47.522790999999998  
Decimal Longitude: -122.316255

Facility ID: 1661671  
Site ID: 10726  
**Status: Removed**  
Tank Name: 3  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Leaded Gasoline  
Ecology Region: North Western  
Tank ID: 13044  
Compartment ID: 13245  
Decimal Latitude: 47.522790999999998  
Decimal Longitude: -122.316255

Facility ID: 1661671  
Site ID: 10726  
**Status: Exempt**  
Tank Name: 4  
Install Date: 12/31/1964 00:00:00  
Capacity: 111 TO 1,100 Gallons  
Compartment #: 1  
Substance: Kerosene  
Ecology Region: North Western  
Tank ID: 12840  
Compartment ID: 13038  
Decimal Latitude: 47.522790999999998



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

**ARTHUR J WARNER (Continued)**

**U001126474**

Decimal Longitude: -122.316255

**M48**  
**WSW**  
**1/4-1/2**  
**1997 ft.**

**WARNERS' AUTO REPAIR**  
**9001 14TH AVE. S.**  
**SEATTLE, WA 98108**

**ICR 1001819828**  
**N/A**

**Site 2 of 3 in cluster M**

**Relative:**  
**Higher**

**ICR:**  
Date Ecology Received Report: 05/11/1992  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: 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

**Actual:**  
**20 ft.**

**M49**  
**WSW**  
**1/4-1/2**  
**2005 ft.**

**BUS AND AIR PARCEL SERVICE INCORPORATE**  
**9004 14TH SOUTH**  
**SEATTLE, WA 98108**

**LUST U003027355**  
**UST N/A**

**Site 3 of 3 in cluster M**

**Relative:**  
**Higher**

**LUST:**  
FS ID: 92792171  
Facility ID: 5423  
Release ID: 2040  
Alternate Name: DBA & AIRBUS  
Release Notification Date: 10/18/1990 00:00:00  
Release Status Date: 6/1/1995 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.521911000000003 / -122.31628499999999

**Actual:**  
**20 ft.**

FS ID: 92792171  
Facility ID: 5423  
Release ID: 2040  
Alternate Name: DBA & AIRBUS  
Release Notification Date: 10/18/1990 00:00:00  
Release Status Date: 4/25/2000 00:00:00  
Facility Status: Reported Cleaned Up  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.521911000000003 / -122.31628499999999

**UST:**  
Facility ID: 92792171  
Site ID: 5423  
**Status: Removed**  
Tank Name: #2  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**BUS AND AIR PARCEL SERVICE INCORPORATE (Continued)**

**U003027355**

Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: North Western  
Tank ID: 33358  
Compartment ID: 33851  
Decimal Latitude: 47.521911000000003  
Decimal Longitude: -122.31628499999999

Facility ID: 92792171  
Site ID: 5423  
**Status: Removed**  
Tank Name: #1  
Install Date: 12/31/1964 00:00:00  
Capacity: 111 TO 1,100 Gallons  
Compartment #: 1  
Substance: Used Oil/Waste Oil  
Ecology Region: North Western  
Tank ID: 33581  
Compartment ID: 34076  
Decimal Latitude: 47.521911000000003  
Decimal Longitude: -122.31628499999999

Facility ID: 92792171  
Site ID: 5423  
**Status: Removed**  
Tank Name: #3  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: North Western  
Tank ID: 33575  
Compartment ID: 34068  
Decimal Latitude: 47.521911000000003  
Decimal Longitude: -122.31628499999999

Facility ID: 92792171  
Site ID: 5423  
**Status: Removed**  
Tank Name: #4  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Unleaded Gasoline  
Ecology Region: North Western  
Tank ID: 33449  
Compartment ID: 33942  
Decimal Latitude: 47.521911000000003  
Decimal Longitude: -122.31628499999999

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**N50**  
**WNW**  
**1/4-1/2**  
**2176 ft.**

**SPENCER INDUSTRIES, INC.**  
**8410 DALLAS AVE. S.**  
**SEATTLE, WA 98104**

**ICR S104485439**  
**N/A**

**Site 1 of 2 in cluster N**

**Relative:**  
**Higher**

ICR:

**Actual:**  
**13 ft.**

Date Ecology Received Report: 04/02/1999  
 Contaminants Found at Site: Chlorinated solvents  
 Media Contaminated: Groundwater  
 Waste Management: Not reported  
 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

**N51**  
**WNW**  
**1/4-1/2**  
**2176 ft.**

**SPENCER INDUSTRIES INC**  
**8410 DALLAS AVE S**  
**SEATTLE, WA 98108**

**RCRA-SQG 1000308172**  
**CSCSL WAD009482456**  
**FINDS**

**Site 2 of 2 in cluster N**

**Relative:**  
**Higher**

RCRAInfo:

**Actual:**  
**13 ft.**

Owner: SPENCER INDUSTRIES INC  
 (206)763-1000  
 EPA ID: WAD009482456  
 Contact: Not reported  
 Classification: Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

CSCSL:

Facility ID: 13132191  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.528289999999998  
 Longitude: -122.31712  
 Lat/Long: 47.528289999999998 / -122.31712  
 Lat/Long (dms): 47 31 41.844000000000001 / 122 19 1.6319999999999999  
 Media ID: 6311  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: Ground Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SPENCER INDUSTRIES INC (Continued)**

**1000308172**

Non-Halogenated Solvents:	Not reported
Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	C
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported
Tibutyl Tin Contaminant Group:	Not reported
Bioassay/Benthic Failures Contaminant Group:	Not reported
Wood Debris Contaminant Group:	Not reported
Other Deleterious Substance Group:	Not reported
Ecology Site Status (MTCA cleanup process):	Awaiting Site Hazard Assessment (SHA)
Independent Site Status (independent cleanup):	Not reported
Facility ID:	13132191
warm_bin_n:	Not reported
Prog plan code:	Not reported
Latitude:	47.528289999999998
Longitude:	-122.31712
Lat/Long:	47.528289999999998 / -122.31712
Lat/Long (dms):	47 31 41.844000000000001 / 122 19 1.6319999999999999
Media ID:	6312
Media Type Desc:	Soil
Media Status Desc:	Below Cleanup Level
Affected Media:	Soil
Affected Media Status:	B (Below) - The presence of hazardous substances below MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum products). The B code may only be applied following completion of analytical work in conjunction with a Site Hazard Assessment (SHA) or Remedial Investigation/Feasibility Study (RI/FS)
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Responsible Unit:	Northwest Region
Arsenic Code:	Not reported
MTBE Code:	Not reported
UXO Code:	Not reported
Dioxin:	Not reported
Non-Halogenated Solvents:	Not reported
Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	B
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported
Tibutyl Tin Contaminant Group:	Not reported
Bioassay/Benthic Failures Contaminant Group:	Not reported
Wood Debris Contaminant Group:	Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SPENCER INDUSTRIES INC (Continued)**

**1000308172**

Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**O52**  
**WSW**  
**1/4-1/2**  
**2405 ft.**

**KASPAC CHIYODA PROPERTY**  
**1237 S DIRECTOR ST**  
**SEATTLE, WA 98108**

**RCRA-SQG** **1000121345**  
**FINDS** **WAD027460955**  
**CSCSL NFA**

**Site 1 of 4 in cluster O**

**Relative:**  
**Higher**

RCRAInfo:  
 Owner: KASPAC CORP  
 EPA ID: WAD027460955  
 Contact: TERRY EASTBURN  
 Classification: Small Quantity Generator  
 TSD Activities: Not reported  
 Violation Status: No violations found

**Actual:**  
**35 ft.**

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**KASPAC CHIYODA PROPERTY (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000121345**

CSCSL NFA:  
 Facility/Site Id: 2489  
 Ecology Status: Independent Remedial Action  
 Program Plan Code: 3  
 Independent Status Code: Final Independent RA Report received  
 WARM Bin Number: Not reported  
 NFA Code: NFA after Assesment IRAP or VCP  
 NFA Date: 5/16/1998 00:00:00  
 Latitude: 47.521767  
 Longitude: -122.315522

**O53**  
**WSW**  
**1/4-1/2**  
**2405 ft.**

**CHIYODA INTERNATIONAL/KASPAC**  
**1237 S. DIRECTOR ST.**  
**SEATTLE, WA 98108**

**ICR S104486333**  
**N/A**

**Site 2 of 4 in cluster O**

**Relative:**  
**Higher**

ICR:  
 Date Ecology Received Report: 07/09/1992  
 Contaminants Found at Site: Halogenated organic compounds, Non-haologenated solvents  
 Media Contaminated: Groundwater, Soil  
 Waste Management: Tank  
 Region: North Western  
 Type of Report Ecology Received: Final cleanup report  
 Site Register Issue: 92-28  
 County Code: 17.00000  
 Contact: Not reported  
 Report Title: Not reported

**Actual:**  
**35 ft.**

Date Ecology Received Report: 10/14/1992  
 Contaminants Found at Site: Non-haologenated solvents  
 Media Contaminated: Groundwater  
 Waste Management: Not reported  
 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

Date Ecology Received Report: 08/16/1993  
 Contaminants Found at Site: Metals, Volatile Organic Compounds  
 Media Contaminated: Groundwater  
 Waste Management: Not reported  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 93-09  
 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

**P54**      **DIMENSIONAL ENGINEERING**      **CERC-NFRAP**      **1003880338**  
**SSE**      **9407 E MARGINAL WY**  
**1/4-1/2**      **SEATTLE, WA 98108**  
**2448 ft.**

**Site 1 of 4 in cluster P**

**Relative:**  
**Higher**

CERC-NFRAP:  
 Site ID: 1000792  
 Federal Facility: Not a Federal Facility  
 NPL Status: Not on the NPL  
 Non NPL Status: NFRAP

**Actual:**  
**13 ft.**

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY  
 Date Started: Not reported  
 Date Completed: 12/01/1982  
 Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
 Date Started: 09/24/1984  
 Date Completed: 09/26/1984  
 Priority Level: High

Action: SITE INSPECTION  
 Date Started: 08/01/1985  
 Date Completed: 12/18/1985  
 Priority Level: NFRAP (No Further Remedial Action Planned)

Action: ARCHIVE SITE  
 Date Started: Not reported  
 Date Completed: 12/18/1985  
 Priority Level: Not reported

**P55**      **DIMENSIONAL ENGINEERING**      **CSCSL NFA**      **1000208520**  
**SSE**      **9407 E MARGINAL WY**  
**1/4-1/2**      **SEATTLE, WA 98108**  
**2448 ft.**

**Site 2 of 4 in cluster P**

**Relative:**  
**Higher**

CSCSL NFA:  
 Facility/Site Id: 2115  
 Ecology Status: Awaiting Site Hazard Assessment  
 Program Plan Code: Not reported  
 Independent Status Code: Not reported  
 WARM Bin Number: Not reported  
 NFA Code: Cleanup under priority authority  
 NFA Date: 5/25/1989 00:00:00  
 Latitude: 47.51412  
 Longitude: -122.29532

**Actual:**  
**13 ft.**



MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**O56**  
**WSW**  
**1/4-1/2**  
**2456 ft.**

**PRECISION ENGINEERING INC.**  
**1231 SOUTH DIRECTOR STREET**  
**SEATTLE, WA 98108**

**LUST** **U003026217**  
**UST** **N/A**  
**ICR**

**Site 3 of 4 in cluster O**

**Relative:**  
**Higher**

LUST:

**Actual:**  
**39 ft.**

FS ID: 98578189  
 Facility ID: 2056  
 Release ID: 435727  
 Alternate Name: BREWER CHRYSLER-PLYMOUTH INC  
 Release Notification Date: 12/29/1997 00:00:00  
 Release Status Date: 12/29/1997 00:00:00  
 Facility Status: Reported Cleaned Up  
 Affected Media: Soil  
 Site Response Unit Code: NW  
 Lat/Long: 47.327060000000003 / -122.22166

UST:

Facility ID: 2056  
 Site ID: 8205  
**Status: Exempt**  
 Tank Name: 9  
 Install Date: 12/31/1964 00:00:00  
 Capacity: 111 TO 1,100 Gallons  
 Compartment #: 1  
 Substance: Hazardous Substance  
 Ecology Region: North Western  
 Tank ID: 14647  
 Compartment ID: 14872  
 Decimal Latitude: 47.521932969641291  
 Decimal Longitude: -122.31834386230271

Facility ID: 2056  
 Site ID: 8205  
**Status: Exempt**  
 Tank Name: 5  
 Install Date: 12/31/1964 00:00:00  
 Capacity: Not reported  
 Compartment #: 1  
 Substance: Hazardous Substance  
 Ecology Region: North Western  
 Tank ID: 14586  
 Compartment ID: 14810  
 Decimal Latitude: 47.521932969641291  
 Decimal Longitude: -122.31834386230271

Facility ID: 2056  
 Site ID: 8205  
**Status: Exempt**  
 Tank Name: 1  
 Install Date: 12/31/1964 00:00:00  
 Capacity: Not reported  
 Compartment #: 1  
 Substance: Hazardous Substance  
 Ecology Region: North Western  
 Tank ID: 14611  
 Compartment ID: 14835  
 Decimal Latitude: 47.521932969641291

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**PRECISION ENGINEERING INC. (Continued)**

**U003026217**

Decimal Longitude: -122.31834386230271

Facility ID: 2056  
Site ID: 8205  
**Status: Exempt**  
Tank Name: 7  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Hazardous Substance  
Ecology Region: North Western  
Tank ID: 14720  
Compartment ID: 14946  
Decimal Latitude: 47.521932969641291  
Decimal Longitude: -122.31834386230271

Facility ID: 2056  
Site ID: 8205  
**Status: Exempt**  
Tank Name: 3  
Install Date: 12/31/1964 00:00:00  
Capacity: 111 TO 1,100 Gallons  
Compartment #: 1  
Substance: Hazardous Substance  
Ecology Region: North Western  
Tank ID: 14684  
Compartment ID: 14910  
Decimal Latitude: 47.521932969641291  
Decimal Longitude: -122.31834386230271

Facility ID: 2056  
Site ID: 8205  
**Status: Exempt**  
Tank Name: 2  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Hazardous Substance  
Ecology Region: North Western  
Tank ID: 14791  
Compartment ID: 15017  
Decimal Latitude: 47.521932969641291  
Decimal Longitude: -122.31834386230271

Facility ID: 2056  
Site ID: 8205  
**Status: Exempt**  
Tank Name: 4  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Hazardous Substance  
Ecology Region: North Western  
Tank ID: 14842  
Compartment ID: 15068  
Decimal Latitude: 47.521932969641291  
Decimal Longitude: -122.31834386230271

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

PRECISION ENGINEERING INC. (Continued)

U003026217

Facility ID: 2056  
Site ID: 8205  
**Status: Exempt**  
Tank Name: 6  
Install Date: 12/31/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Hazardous Substance  
Ecology Region: North Western  
Tank ID: 14737  
Compartment ID: 14963  
Decimal Latitude: 47.521932969641291  
Decimal Longitude: -122.31834386230271

Facility ID: 2056  
Site ID: 8205  
**Status: Exempt**  
Tank Name: 10  
Install Date: 12/31/1964 00:00:00  
Capacity: 111 TO 1,100 Gallons  
Compartment #: 1  
Substance: Not reported  
Ecology Region: North Western  
Tank ID: 35505  
Compartment ID: 36013  
Decimal Latitude: 47.521932969641291  
Decimal Longitude: -122.31834386230271

Facility ID: 2056  
Site ID: 8205  
**Status: Exempt**  
Tank Name: 8  
Install Date: 12/31/1964 00:00:00  
Capacity: 111 TO 1,100 Gallons  
Compartment #: 1  
Substance: Hazardous Substance  
Ecology Region: North Western  
Tank ID: 14886  
Compartment ID: 15112  
Decimal Latitude: 47.521932969641291  
Decimal Longitude: -122.31834386230271

ICR:

Date Ecology Received Report: 12/29/1997  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: Tank  
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

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Database(s)  
 EDR ID Number  
 EPA ID Number

**O57**      **PRECISION ENGINEERING INC**  
**WSW**      **1231 S DIRECTOR ST**  
**1/4-1/2**    **SEATTLE, WA 98108**  
**2456 ft.**

**CSCSL**    **1000172415**  
**FINDS**    **WAD041338252**  
**RCRA-LQG**  
**VCP**  
**WA MANIFEST**  
**ICR**  
**HAZNET**

**Relative:**    **Site 4 of 4 in cluster O**  
**Higher**

**Actual:**  
**39 ft.**

**CSCSL:**

Facility ID:	2056	
warm_bin_n:	1	
Prog plan code:	4	
Latitude:	47.521932969641291	
Longitude:	-122.31834386230271	
Lat/Long:	47.521932969641291 / -122.31834386230271	
Lat/Long (dms):	47 31 19.600000000000001 / 122 19 1.6000000000000001	
Media ID:	2544	
Media Type Desc:	Groundwater	
Media Status Desc:	Confirmed	
Affected Media:	Ground Water	
Affected Media Status:	C	
Pesticides:	Not reported	
Petroleum Products:	Confirmed above MTCA cleanup levels	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:	Not reported	
Base/Neutral/Acid Organics:	Not reported	
Halogenated Organic Compounds:	Not reported	
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels	
Metals - Other non-priority pollutant medals:	Not reported	
Polychlorinated biPhenyls (PCBs):	Not reported	
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported	
Conventional Contaminants, Organic:	Not reported	
Conventional Contaminants, Inorganic:	Not reported	
Tibutyl Tin Contaminant Group:	Not reported	
Bioassay/Benthic Failures Contaminant Group:	Not reported	
Wood Debris Contaminant Group:	Not reported	
Other Deleterious Substance Group:	Not reported	
Ecology Site Status (MTCA cleanup process):	Independent Remedial Action	
Independent Site Status (independent cleanup):	Final Independent Remedial Action Report received	

Facility ID:	2056	
warm_bin_n:	1	
Prog plan code:	4	
Latitude:	47.521932969641291	
Longitude:	-122.31834386230271	
Lat/Long:	47.521932969641291 / -122.31834386230271	
Lat/Long (dms):	47 31 19.600000000000001 / 122 19 1.6000000000000001	
Media ID:	2545	
Media Type Desc:	Surface Water	
Media Status Desc:	Remediated	

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**PRECISION ENGINEERING INC (Continued)**

**1000172415**

Affected Media: Surface Water  
Affected 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)

Pesticides: Not reported  
Petroleum Products: Treated, removed, or contained  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Treated, removed, or contained  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

Facility ID: 2056  
warm\_bin\_n: 1  
Prog plan code: 4  
Latitude: 47.521932969641291  
Longitude: -122.31834386230271  
Lat/Long: 47.521932969641291 / -122.31834386230271  
Lat/Long (dms): 47 31 19.600000000000001 / 122 19 1.6000000000000001  
Media ID: 2546  
Media Type Desc: Air  
Media Status Desc: Remediated  
Affected Media: Air  
Affected 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)

Pesticides: Not reported  
Petroleum Products: Treated, removed, or contained  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**PRECISION ENGINEERING INC (Continued)**

**1000172415**

Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

Facility ID: 2056  
 warm\_bin\_n: 1  
 Prog plan code: 4  
 Latitude: 47.521932969641291  
 Longitude: -122.31834386230271  
 Lat/Long: 47.521932969641291 / -122.31834386230271  
 Lat/Long (dms): 47 31 19.600000000000001 / 122 19 1.6000000000000001  
 Media ID: 2547  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported

Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Below MTCA cleanup levels  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (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

**PRECISION ENGINEERING INC (Continued)**

**1000172415**

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**RCRAInfo:**

Owner: PRECISION ENGINEERING INC  
 EPA ID: WAD041338252  
 Contact: Not reported  
 Classification: Large Quantity Generator  
 TSDF Activities: Not reported

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 2005

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	1240.00	D002	64206.46
D007	194842.50	D008	54423.00
D009	10.00	F003	1240.00
F005	1240.00	F006	16940.00

Violation Status: Violations exist

Regulation Violated: -060(2)  
 Area of Violation: GENERATOR-RECORDKEEPING REQUIREMENTS  
 Date Violation Determined: 10/03/2002  
 Actual Date Achieved Compliance: 01/13/2003

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 01/19/2003  
 Penalty Type: Not reported

Regulation Violated: -200(1)(d) / -170(2)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 10/03/2002  
 Actual Date Achieved Compliance: 10/30/2002

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 01/19/2003  
 Penalty Type: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PRECISION ENGINEERING INC (Continued)**

**1000172415**

Regulation Violated: -145(3)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 10/03/2002  
Actual Date Achieved Compliance: 10/30/2002  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 01/19/2003  
Penalty Type: Not reported  
  
Regulation Violated: -630(5)(a) / -200(1)(b)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 10/03/2002  
Actual Date Achieved Compliance: 10/18/2002  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 01/19/2003  
Penalty Type: Not reported  
  
Regulation Violated: -070(3) / -170(1)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 10/03/2002  
Actual Date Achieved Compliance: 02/10/2003  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 01/19/2003  
Penalty Type: Not reported  
  
Regulation Violated: -630(3) / -200(1)(b)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 10/03/2002  
Actual Date Achieved Compliance: 10/11/2002  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 01/19/2003  
Penalty Type: Not reported  
  
Regulation Violated: -200(1)(b)&-640  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 11/10/1998  
Actual Date Achieved Compliance: 06/29/2000  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 01/28/1999  
Penalty Type: Not reported  
  
Regulation Violated: -200(1)(d)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 11/10/1998  
Actual Date Achieved Compliance: 02/15/1999  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 01/28/1999  
Penalty Type: Not reported  
  
Regulation Violated: -220(1)(a)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 11/10/1998  
Actual Date Achieved Compliance: 03/01/1999  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 01/28/1999  
Penalty Type: Not reported  
  
Regulation Violated: -170(3)(b)

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**PRECISION ENGINEERING INC (Continued)**

**1000172415**

Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	11/10/1998
Actual Date Achieved Compliance:	03/01/1999
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	01/28/1999
Penalty Type:	Not reported
Regulation Violated:	-200(1)(b)&-630(5)(a)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	11/10/1998
Actual Date Achieved Compliance:	02/15/1999
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	01/28/1999
Penalty Type:	Not reported
Regulation Violated:	-180
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	06/03/1992
Actual Date Achieved Compliance:	08/12/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/06/1992
Penalty Type:	Not reported
Regulation Violated:	-200
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	06/03/1992
Actual Date Achieved Compliance:	08/12/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/06/1992
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	11/17/1987
Actual Date Achieved Compliance:	07/04/1994
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	01/29/1988
Penalty Type:	Not reported

There are 14 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	20021030
	GENERATOR-GENERAL REQUIREMENTS	20021018
	GENERATOR-GENERAL REQUIREMENTS	20021011
	GENERATOR-GENERAL REQUIREMENTS	20021030
	GENERATOR-GENERAL REQUIREMENTS	20030210
Compliance Evaluation Inspection	GENERATOR-RECORDKEEPING REQUIREMENTS	20030113
	GENERATOR-GENERAL REQUIREMENTS	19990215
	GENERATOR-GENERAL REQUIREMENTS	19990215
	GENERATOR-GENERAL REQUIREMENTS	19990301
	GENERATOR-GENERAL REQUIREMENTS	20000629
	GENERATOR-GENERAL REQUIREMENTS	19990301
	GENERATOR-GENERAL REQUIREMENTS	19920812
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19920812
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

**PRECISION ENGINEERING INC (Continued)**

**1000172415**

VCP:

Facility ID: 2056  
Ecology Status: Independent Remedial Action  
WARM BIN #: 1  
NFA Code: Not reported  
Program Plan: 4

Facility ID: 2056  
Ecology Status: Independent Remedial Action  
WARM BIN #: 1  
NFA Code: Not reported  
Program Plan: 4

Facility ID: 2056  
Ecology Status: Independent Remedial Action  
WARM BIN #: 1  
NFA Code: Not reported  
Program Plan: 4

Facility ID: 2056  
Ecology Status: Independent Remedial Action  
WARM BIN #: 1  
NFA Code: Not reported  
Program Plan: 4

WA MANIFEST:

Facility Site ID Number: 2056  
Permit by Rule: No  
Treatment by Generator: No  
Mixed radioactive waste: No  
Importer of hazardous waste: No  
Immediate recycler: No  
Treatment/Storage/Disposal/Recycling Facility: No  
Generator of dangerous fuel waste: No  
Generator marketing to burner: No  
"Other marketers (i.e., blender, distributor, etc.)": No  
Utility boiler burner: No  
Industry boiler burner: No  
Industrial Furnace: No  
Smelter defferal: No  
Universal waste - batteries - generate: No  
Universal waste - thermostats - generate: No  
Universal waste - mercury - generate: No  
Universal waste - lamps - generate: No  
Universal waste - batteries - accumulate: No  
Universal waste - thermostats - accumulate: No  
Universal waste - mercury - accumulate: No  
Universal waste - lamps - accumulate: No  
Destination Facility for Universal Waste: No  
Off-specification used oil burner - utility boiler: No  
Off-specification used oil burner - industrial boiler: No  
Off-specification used oil burner - industrial furnace: No  
EPA ID: WAD041338252  
Facility Address 2: Not reported  
TAX REG NBR: 178090187  
NAICS CD: 332813

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**PRECISION ENGINEERING INC (Continued)**

**1000172415**

BUSINESS TYPE: Machine Shop  
MAIL NAME: Precision Engineering Inc  
MAIL ADDR LINE1: 1231 S DIRECTOR ST  
MAIL CITY,ST,ZIP: SEATTLE, WA 98108-4802  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: Precision Engineering  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: 1231 S DIRECTOR ST  
LEGAL CITY,ST,ZIP: SEATTLE, WA 98108-4802  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: 206763-0320  
LEGAL EFFECTIVE DATE: 6/6/1996  
LAND ORG NAME: Not reported  
LAND ORG TYPE: Private  
LAND PERSON NAME: D. F Morgan  
LAND ADDR LINE1: 1231 S DIRECTOR ST  
LAND CITY,ST,ZIP: SEATTLE, WA 98108-4802  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: 206763-0320  
OPERATOR ORG NAME: Precision Engineering Inc  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: 1231 S DIRECTOR ST  
OPERATOR CITY,ST,ZIP: SEATTLE, WA 98108-4802  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: 206-763-0320  
OPERATOR EFFECTIVE DATE: 1/1/1997  
SITE CONTACT NAME: Tom W Gratzer  
SITE CONTACT ADDR LINE1: 1231 S DIRECTOR ST  
SITE CONTACT ZIP: SEATTLE, WA 98108  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: 206763-0320  
SITE CONTACT EMAIL: tgratzer@pei-1.com  
FORM CONTACT NAME: George M Cardile  
FORM CONTACT ADDR LINE1: 1231 S DIRECTOR ST  
FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98108  
FORM CONTACT COUNTRY: UNITED STATES  
FORM CONTACT PHONE NBR: 206763-0320  
FORM CONTACT EMAIL: gcardile@pei-1.com  
GEN STATUS CD: LQG  
MONTHLY GENERATION: Yes  
BATCH GENERATION: No  
ONE TIME GENERATION: No  
TRANSPORTS OWN WASTE: No  
TRANSPORTS OTHRS WASTE: No  
RECYCLER ONSITE: No  
TRANSFER FACILITY: No  
OTHER EXEMPTION: Not reported  
UW BATTERY GEN: No  
USED OIL TRANSPORTER: No  
USED OIL TRANSFER FACILITY: No  
USED OIL PROCESSOR: No  
USED OIL REREFINER: No  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: No  
USED OIL FUEL MRKTR MEETS SPECS: No

ICR:

Date Ecology Received Report: 09/07/1990

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**PRECISION ENGINEERING INC (Continued)**

**1000172415**

Contaminants Found at Site: Metals  
 Media Contaminated: Soil  
 Waste Management: Handling practices, Spill  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 90-11  
 County Code: 17.00000  
 Contact: Not reported  
 Report Title: Not reported

**HAZNET:**

Gepaid: WAD041338252  
 Contact: TOM W GRATZER  
 Telephone: 2067630320  
 Facility Addr2: Not reported  
 Mailing Name: Not reported  
 Mailing Address: 1231 S DIRECTOR  
 Mailing City,St,Zip: SEATTLE, WA 98108  
 Gen County: Not reported  
 TSD EPA ID: CAD009452657  
 TSD County: San Mateo  
 Waste Category: Liquids with mercury > 20 mg/l  
 Disposal Method: Recycler  
 Tons: 0  
 Facility County: Not reported

**P58  
 SSE  
 1/4-1/2  
 2460 ft.**

**MUSEUM OF FLIGHT PROPERTY  
 9404 E. MARGINAL WAY S.  
 SEATTLE, WA 98108**

**ICR S105124713  
 N/A**

**Site 3 of 4 in cluster P**

**Relative:  
 Higher**

**ICR:**

Date Ecology Received Report: 08/03/2001  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Waste Management: Tank  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 98-41  
 County Code: 17.00000  
 Contact: Not reported  
 Report Title: Phase I/II Enviro Site Assessment

**Actual:  
 13 ft.**

**P59  
 SSE  
 1/4-1/2  
 2460 ft.**

**MUSEUM OF FLIGHT PROPERTY  
 9404 E MARGINAL WAY S  
 SEATTLE, WA 98108**

**LUST U003800972  
 UST N/A**

**Site 4 of 4 in cluster P**

**Relative:  
 Higher**

**LUST:**

FS ID: 98798343  
 Facility ID: 583716  
 Release ID: 583719  
 Alternate Name: MUSEUM OF FLIGHT PROPERTY  
 Release Notification Date: 8/3/2001 00:00:00

**Actual:  
 13 ft.**

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

MUSEUM OF FLIGHT PROPERTY (Continued)

U003800972

Release Status Date: 7/30/2001 00:00:00  
Facility Status: Awaiting Cleanup  
Affected Media: Ground Water  
Site Response Unit Code: NW  
Lat/Long: 47.516728999999998 / -122.283591

FS ID: 98798343  
Facility ID: 583716  
Release ID: 583719  
Alternate Name: MUSEUM OF FLIGHT PROPERTY  
Release Notification Date: 8/3/2001 00:00:00  
Release Status Date: 7/30/2001 00:00:00  
Facility Status: Awaiting Cleanup  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.516728999999998 / -122.283591

UST:

Facility ID: 98798343  
Site ID: 583716  
**Status: Removed**  
Tank Name: 1  
Install Date: 1/1/1964 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Unknown  
Ecology Region: North Western  
Tank ID: 583899  
Compartment ID: 583900  
Decimal Latitude: 47.516728999999998  
Decimal Longitude: -122.283591

Facility ID: 98798343  
Site ID: 583716  
**Status: Removed**  
Tank Name: 2  
Install Date: 1/1/1900 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Unknown  
Ecology Region: North Western  
Tank ID: 583904  
Compartment ID: 583905  
Decimal Latitude: 47.516728999999998  
Decimal Longitude: -122.283591

Q60 BOEING PLANT 2  
NNW 7755 E MARGINAL WAY S  
1/4-1/2 SEATTLE, WA 98108  
2519 ft.  
Site 1 of 3 in cluster Q  
Relative: Lower  
Actual: 10 ft.

CSCSL 1000257078  
FINDS 98108BNGRS77  
RCRA-LQG  
TRIS  
RCRA-TSDF  
CORRACTS  
CERC-NFRAP  
WA MANIFEST  
ICR  
HAZNET

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

BOEING PLANT 2 (Continued)

1000257078

CSCSL:  
Facility ID: 2100  
warm\_bin\_n: 1  
Prog plan code: Not reported  
Latitude: 47.532733  
Longitude: -122.31691600000001  
Lat/Long: 47.532733 / -122.31691600000001  
Lat/Long (dms): 47 31 57.8388000000012 / 122 19 0.89760000002229401  
Media ID: 11556  
Media Type Desc: Sediment  
Media Status Desc: Confirmed  
Affected Media: Sediments  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Not reported  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2100  
warm\_bin\_n: 1  
Prog plan code: Not reported  
Latitude: 47.532733  
Longitude: -122.31691600000001  
Lat/Long: 47.532733 / -122.31691600000001  
Lat/Long (dms): 47 31 57.8388000000012 / 122 19 0.89760000002229401  
Media ID: 2657  
Media Type Desc: Groundwater  
Media Status Desc: Confirmed  
Affected Media: Ground Water  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Confirmed above MTCA cleanup levels
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		C
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
Polynuclear Aromatic Hydrocarbons (PAH):		Confirmed above MTCA cleanup levels
Conventional Contaminants, Organic:		Not reported
Conventional Contaminants, Inorganic:		Not reported
Tibutyl Tin Contaminant Group:		Not reported
Bioassay/Benthic Failures Contaminant Group:		Not reported
Wood Debris Contaminant Group:		Not reported
Other Deleterious Substance Group:		Not reported
Ecology Site Status (MTCA cleanup process):		Independent Remedial Action
Independent Site Status (independent cleanup):		Independent Site Assessment of Interim Remedial Action Report received
Facility ID:	2100	
warm_bin_n:	1	
Prog plan code:	Not reported	
Latitude:	47.532733	
Longitude:	-122.31691600000001	
Lat/Long:	47.532733 / -122.31691600000001	
Lat/Long (dms):	47 31 57.8388000000012 / 122 19 0.89760000002229401	
Media ID:	2658	
Media Type Desc:	Surface Water	
Media Status Desc:	Confirmed	
Affected Media:	Surface Water	
Affected Media Status:	C	
Pesticides:	Not reported	
Petroleum Products:	Confirmed above MTCA cleanup levels	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Not reported
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		Not reported
EPA Priority Pollutants - Metals and Cyanide:		Not reported
Metals - Other non-priority pollutant medals:		Not reported
Polychlorinated biPhenyls (PCBs):		Not reported
Polynuclear Aromatic Hydrocarbons (PAH):		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

**BOEING PLANT 2 (Continued)**

**1000257078**

Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2100  
warm\_bin\_n: 1  
Prog plan code: Not reported  
Latitude: 47.532733  
Longitude: -122.31691600000001  
Lat/Long: 47.532733 / -122.31691600000001  
Lat/Long (dms): 47 31 57.8388000000012 / 122 19 0.89760000002229401  
Media ID: 2659  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: Soil  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported

Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: C  
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  
Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2100  
warm\_bin\_n: 1  
Prog plan code: Not reported  
Latitude: 47.532733  
Longitude: -122.31691600000001  
Lat/Long: 47.532733 / -122.31691600000001  
Lat/Long (dms): 47 31 57.8388000000012 / 122 19 0.89760000002229401  
Media ID: 2660  
Media Type Desc: Air  
Media Status Desc: Confirmed

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

Affected Media: Air  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2100  
 warm\_bin\_n: 1  
 Prog plan code: Not reported  
 Latitude: 47.532733  
 Longitude: -122.31691600000001  
 Lat/Long: 47.532733 / -122.31691600000001  
 Lat/Long (dms): 47 31 57.8388000000012 / 122 19 0.89760000002229401  
 Media ID: 2661  
 Media Type Desc: Sediment  
 Media Status Desc: Suspected  
 Affected Media: Sediments  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Suspected to be present

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	S
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
Polynuclear Aromatic Hydrocarbons (PAH):	Suspected to be present
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported
Tibutyl Tin Contaminant Group:	Not reported
Bioassay/Benthic Failures Contaminant Group:	Not reported
Wood Debris Contaminant Group:	Not reported
Other Deleterious Substance Group:	Not reported
Ecology Site Status (MTCA cleanup process):	Independent Remedial Action
Independent Site Status (independent cleanup):	Independent Site Assessment of Interim Remedial Action Report received

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

RACT/BACT/LAER Clearinghouse (RBLC) data base contains case-specific information on the 'Best Available' air pollution technologies that have been required to reduce the emission of air pollutants from stationary sources (e.g., power plants, steel mills, chemical plants, etc.). This information has been provided by State and local permitting agencies. The Clearinghouse also contains a regulation data base that summarizes EPA emission limits required in New Source Performance Standards (NSPS), National Emission Standards for Hazardous Air Pollutants (NESHAP), and Maximum Achievable Control Technology (MACT) standards.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

RCRAInfo Corrective Action Summary:

- Event: Stabilization Construction Completed
- Event Date: Not reported
  
- Event: Stabilization Construction Completed
- Event Date: Not reported
  
- Event: Stabilization Construction Completed
- Event Date: Not reported
  
- Event: Stabilization Construction Completed
- Event Date: Not reported
  
- Event: Stabilization Construction Completed
- Event Date: Not reported
  
- Event: Stabilization Construction Completed
- Event Date: Not reported
  
- Event: Stabilization Construction Completed
- Event Date: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**BOEING PLANT 2 (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000257078**

Event:	Stabilization Construction Completed
Event Date:	Not reported
Event:	Current Human Exposures under Control, Current human exposures are NOT under control.
Event Date:	09/01/2004
Event:	Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.
Event Date:	09/01/2004
Event:	RFI Workplan Approved
Event Date:	11/27/2003
Event:	CMS Approved
Event Date:	01/31/2003
Event:	RFI Workplan Approved
Event Date:	01/27/2003
Event:	RFI Imposition
Event Date:	05/23/2002
Event:	Stabilization Construction Completed
Event Date:	08/23/2000
Event:	Stabilization Construction Completed
Event Date:	08/23/2000
Event:	Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).
Event Date:	07/30/1999
Event:	CMS Approved
Event Date:	07/13/1999
Event:	Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).
Event Date:	05/05/1999
Event:	Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.
Event Date:	03/18/1999
Event:	Current Human Exposures under Control, Current human exposures are NOT under control.
Event Date:	03/18/1999
Event:	Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).
Event Date:	02/08/1999
Event:	CMS Workplan Approved
Event Date:	11/17/1998

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**BOEING PLANT 2 (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000257078**

Event: Event Date:	RFI Approved 09/22/1998
Event: Event Date:	Igration of Contaminated Groundwater under Control, More information is needed to make a determination. 08/10/1998
Event: Event Date:	CA Prioritization, Facility or area was assigned a high corrective action priority. 08/10/1998
Event: Event Date:	Current Human Exposures under Control, More information is needed to make a determination. 08/10/1998
Event: Event Date:	Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment). 06/22/1998
Event: Event Date:	Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment). 03/04/1998
Event: Event Date:	CA Prioritization, Facility or area was assigned a high corrective action priority. 09/26/1997
Event: Event Date:	Stabilization Construction Completed 06/20/1997
Event: Event Date:	Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment). 10/01/1996
Event: Event Date:	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. 09/26/1996
Event: Event Date:	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. 08/06/1996
Event: Event Date:	CA Prioritization, Facility or area was assigned a high corrective action priority. 08/06/1996
Event: Event Date:	RFI Workplan Approved 05/03/1995
Event: Event Date:	RFI Workplan Approved 05/03/1995



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**BOEING PLANT 2 (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000257078**

Event: RFI Imposition, Focused data collection required for stabilization evaluation.  
 Event Date: 01/18/1994

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: 12/07/1992

Event: RFA Determination Of Need For An RFI, RFI is Necessary;  
 Event Date: 11/10/1992

Event: CA Prioritization, Facility or area was assigned a high corrective action priority.  
 Event Date: 09/09/1992

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: 08/05/1992

**RCRAInfo:**

Owner: BOEING CO  
 (425)865-2400

EPA ID: WAD009256819

Contact: TIMOTHY SAVAGE  
 (425) 237-9043

Classification: Large Quantity Generator, TSDF  
 TSDF Activities: Not reported

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 2005

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	3563.00	D002	180.00
D004	200.00	D005	12484.06
D006	12258.50	D007	13664.06
D008	13111.56	D009	627.50
D010	10911.00	D011	707.50
D018	8772.00	D035	752.00
F002	79378.00	F003	76653.00
F005	76653.00	U228	37695.00

Violation Status: Violations exist

Regulation Violated: 400 (3)(a)(i)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 06/07/1993  
 Actual Date Achieved Compliance: 08/02/1993

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 06/07/1993  
 Penalty Type: Not reported

Regulation Violated: 200(1)(b), 630(5)(b)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 06/07/1993  
 Actual Date Achieved Compliance: 08/02/1993

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 06/07/1993  
Penalty Type: Not reported

Regulation Violated: -400  
Area of Violation: TSD-TANKS REQUIREMENTS  
Date Violation Determined: 05/17/1991  
Actual Date Achieved Compliance: 09/23/1991

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 07/10/1991  
Penalty Type: Not reported

Regulation Violated: -630(5)(A)  
Area of Violation: TSD-CONTAINERS REQUIREMENTS  
Date Violation Determined: 05/17/1991  
Actual Date Achieved Compliance: 09/23/1991

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 07/10/1991  
Penalty Type: Not reported

Regulation Violated: -300 (5)  
Area of Violation: TSD-GENERAL STANDARDS  
Date Violation Determined: 05/17/1991  
Actual Date Achieved Compliance: 09/23/1991

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 07/10/1991  
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 09/23/1987  
Penalty Type: Not reported

Regulation Violated: -200(2)(C)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 05/17/1991  
Actual Date Achieved Compliance: 09/23/1991

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 07/10/1991  
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/08/1985  
Penalty Type: Not reported

Regulation Violated: -370(2)(A)  
Area of Violation: TSD-MANIFEST REQUIREMENTS  
Date Violation Determined: 05/17/1991  
Actual Date Achieved Compliance: 09/23/1991

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 07/10/1991  
Penalty Type: Not reported

Regulation Violated: Not reported  
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS  
Date Violation Determined: 03/08/1985  
Actual Date Achieved Compliance: 04/08/1985

Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 07/10/1991

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**BOEING PLANT 2 (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000257078**

Penalty Type: Not reported  
 Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 03/08/1985  
 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	19930802
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19930802
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19930802
Compliance Evaluation Inspection	TSD-GENERAL STANDARDS	19910923
	TSD-MANIFEST REQUIREMENTS	19910923
	TSD-TANKS REQUIREMENTS	19910923
	GENERATOR-GENERAL REQUIREMENTS	19910923
	TSD-CONTAINERS REQUIREMENTS	19910923
Compliance Evaluation Inspection	TSD-GENERAL STANDARDS	19910923
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19850408

**CORRACTS:**

EPA ID: WAD009256819  
 EPA Region: 10  
 Area Name: OA 23.1 & 23.2 STORM WATER LINES "X & Y"  
 Actual Date: 01/09/2007  
 Action: CA600T - Stabilization Measures Implemented, Other activity  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD009256819  
 EPA Region: 10  
 Area Name: SWMU 2-15.7A, UNDERGROUND TANK PL-52  
 Actual Date: 01/12/2006  
 Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD009256819  
 EPA Region: 10  
 Area Name: FACILITY-WIDE  
 Actual Date: 01/18/1994  
 Action: CA100DC - RFI Imposition, Focused data collection required for stabilization evaluation  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD009256819  
 EPA Region: 10  
 Area Name: SEATTLE CITY LIGHT TRANSFORMER  
 Actual Date: 01/27/2003  
 Action: CA150 - RFI Workplan Approved  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

EPA ID: EPA Region: Area Name: Actual Date: Action: NAICS Code(s):	WAD009256819 10 DSOA - SOUTH 01/31/2003 CA350 - CMS Approved 336411 Aircraft Manufacturing
EPA ID: EPA Region: Area Name: Actual Date: Action: NAICS Code(s):	WAD009256819 10 SWMU 2-87.65, SWMU 77, OA 16 02/08/1999 CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment 336411 Aircraft Manufacturing
EPA ID: EPA Region: Area Name: Actual Date: Action: NAICS Code(s):	WAD009256819 10 SWMU 78.B OIL/WATER SEPARATOR 02/08/1999 CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment 336411 Aircraft Manufacturing
EPA ID: EPA Region: Area Name: Actual Date: Action: NAICS Code(s):	WAD009256819 10 SWMU 2-41.33, ANODIC TANK LINE 03/04/1998 CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment 336411 Aircraft Manufacturing
EPA ID: EPA Region: Area Name: Actual Date: Action: NAICS Code(s):	WAD009256819 10 FACILITY-WIDE 03/18/1999 CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected 336411 Aircraft Manufacturing
EPA ID: EPA Region: Area Name: Actual Date: Action: NAICS Code(s):	WAD009256819 10 FACILITY-WIDE 03/18/1999 CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control 336411 Aircraft Manufacturing
EPA ID: EPA Region: Area Name:	WAD009256819 10 FACILITY-WIDE

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

Actual Date: 05/03/1995  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: SWMU 79 CISTERNS 1,2,3,AND 4  
Actual Date: 05/05/1999  
Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: DSOA - SOUTH  
Actual Date: 05/23/2002  
Action: CA100 - RFI Imposition  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: SEATTLE CITY LIGHT TRANSFORMER  
Actual Date: 05/23/2002  
Action: CA100 - RFI Imposition  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: FACILITY-WIDE  
Actual Date: 06/20/1997  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: UST PL-23, OA3  
Actual Date: 06/22/1998  
Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: DSOA  
Actual Date: 07/13/1999  
Action: CA350 - CMS Approved  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**BOEING PLANT 2 (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

Site

**1000257078**

Area Name: DSOA - BUILDINGS 2-41 DEBRIS AREA  
Actual Date: 07/30/1999  
Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: OA 23.1 & 23.2 STORM WATER LINES "X & Y"  
Actual Date: 08/03/2006  
Action: CA600T - Stabilization Measures Implemented, Other activity  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: FACILITY-WIDE  
Actual Date: 08/05/1992  
Action: CA225YE - 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  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: FACILITY-WIDE  
Actual Date: 08/06/1996  
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: FACILITY-WIDE  
Actual Date: 08/06/1996  
Action: CA225YE - 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  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: FACILITY-WIDE  
Actual Date: 08/10/1998  
Action: CA750IN - Migration of Contaminated Groundwater under Control, More information is needed to make a determination  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**BOEING PLANT 2 (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

Site

1000257078

Area Name: FACILITY-WIDE  
Actual Date: 08/10/1998  
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: FACILITY-WIDE  
Actual Date: 08/10/1998  
Action: CA725IN - Current Human Exposures Under Control, More information is needed to make a determination  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: SWMU 2-15.7A, UNDERGROUND TANK PL-52  
Actual Date: 08/15/2006  
Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: OA 1 BLDG 2-66 SW SHEET PILE CONTAINMENT  
Actual Date: 08/18/2006  
Action: CA600T - Stabilization Measures Implemented, Other activity  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: SWMU 78.B OIL/WATER SEPARATOR  
Actual Date: 08/23/2000  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: SWMU 2-70.55 E STEAM CLEAN & UST BULK  
Actual Date: 08/23/2000  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: FACILITY-WIDE  
Actual Date: 09/01/2004  
Action: CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control  
NAICS Code(s): 336411  
Aircraft Manufacturing



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s)  
 EDR ID Number  
 EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

EPA ID: WAD009256819  
 EPA Region: 10  
 Area Name: FACILITY-WIDE  
 Actual Date: 09/01/2004  
 Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD009256819  
 EPA Region: 10  
 Area Name: FACILITY-WIDE  
 Actual Date: 09/09/1992  
 Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD009256819  
 EPA Region: 10  
 Area Name: FACILITY-WIDE  
 Actual Date: 09/22/1998  
 Action: CA200 - RFI Approved  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD009256819  
 EPA Region: 10  
 Area Name: FACILITY-WIDE  
 Actual Date: 09/26/1996  
 Action: CA225YE - 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  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD009256819  
 EPA Region: 10  
 Area Name: FACILITY-WIDE  
 Actual Date: 09/26/1997  
 Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD009256819  
 EPA Region: 10  
 Area Name: DSOA - OUTFALL 12 AND UNDERFLOW FLUME  
 Actual Date: 10/01/1996  
 Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD009256819

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

BOEING PLANT 2 (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000257078

EPA Region: 10  
Area Name: FACILITY-WIDE  
Actual Date: 11/10/1992  
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: FACILITY-WIDE  
Actual Date: 11/17/1998  
Action: CA300 - CMS Workplan Approved  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: DSOA - SOUTH  
Actual Date: 11/27/2003  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: FACILITY-WIDE  
Actual Date: 12/07/1992  
Action: CA225IN - 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  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: UST PL-23, OA3  
Actual Date: / /  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: SWMU 79 CISTERNS 1,2,3,AND 4  
Actual Date: / /  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: AOC 2-10.3A SOUTH TCE DEGREASER  
Actual Date: / /  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: AOC 2-10.4A NORTH TCE DEGREASER  
Actual Date: / /  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: SWMU 2-87.65, SWMU 77, OA 16  
Actual Date: / /  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: BUILDING 2-15 UST  
Actual Date: / /  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: SWMU 2-41.33, ANODIC TANK LINE  
Actual Date: / /  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: DSOA - BUILDINGS 2-41 DEBRIS AREA  
Actual Date: / /  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: DSOA - OUTFALL 12 AND UNDERFLOW FLUME  
Actual Date: / /  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD009256819  
EPA Region: 10  
Area Name: OA 1 BLDG 2-66 SW SHEET PILE CONTAINMENT  
Actual Date: / /  
Action: CA650 - Stabilization Construction Completed  
NAICS Code(s): 336411  
Aircraft Manufacturing

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**BOEING PLANT 2 (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

**1000257078**

CERC-NFRAP:

Site ID: 1000633  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: BOEING COMPANY COORPORATE  
Alias Address: Not reported  
WA  
Alias Name: BOEING AEROSPACE CO - PLT #2  
Alias Address: Not reported  
WA  
Alias Name: DUWAMISH RIV ADJACENT TO BOEING PLT #2  
Alias Address: Not reported  
WA  
Alias Name: BOEING PLT II - S YARD  
Alias Address: Not reported  
WA

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY  
Date Started: Not reported  
Date Completed: 04/01/1980  
Priority Level: Not reported  
  
Action: PRELIMINARY ASSESSMENT  
Date Started: 04/16/1985  
Date Completed: 05/06/1985  
Priority Level: Low  
  
Action: PRELIMINARY ASSESSMENT  
Date Started: 07/12/1988  
Date Completed: 07/12/1988  
Priority Level: NFRAP (No Futher Remedial Action Planned)  
  
Action: ARCHIVE SITE  
Date Started: Not reported  
Date Completed: 07/12/1988  
Priority Level: Not reported

WA MANIFEST:

Facility Site ID Number: 2100  
Permit by Rule: Yes  
Treatment by Generator: No  
Mixed radioactive waste: No  
Importer of hazardous waste: No  
Immediate recycler: No  
Treatment/Storage/Disposal/Recycling Facility: No  
Generator of dangerous fuel waste: No  
Generator marketing to burner: No  
"Other marketers (i.e., blender, distributor, etc.)": No  
Utility boiler burner: No  
Industry boiler burner: No  
Industrial Furnace: No

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

Smelter defferal: No  
 Universal waste - batteries - generate: No  
 Universal waste - thermostats - generate: No  
 Universal waste - mercury - generate: No  
 Universal waste - lamps - generate: No  
 Universal waste - batteries - accumulate: No  
 Universal waste - thermostats - accumulate: No  
 Universal waste - mercury - accumulate: No  
 Universal waste - lamps - accumulate: No  
 Destination Facility for Universal Waste: No  
 Off-specification used oil burner - utility boiler: No  
 Off-specification used oil burner - industrial boiler: No  
 Off-specification used oil burner - industrial furnace: No  
 EPA ID: WAD009256819  
 Facility Address 2: Not reported  
 TAX REG NBR: 910425694  
 NAICS CD: 336411  
 BUSINESS TYPE: Aircraft Manufacturing  
 MAIL NAME: The Boeing Company  
 MAIL ADDR LINE1: PO Box 3707 M/C 67-74  
 MAIL CITY,ST,ZIP: SEATTLE, WA 98124-2207  
 MAIL COUNTRY: UNITED STATES  
 LEGAL ORG NAME: The Boeing Company  
 LEGAL ORG TYPE: Private  
 LEGAL ADDR LINE1: Office of the General Counsel  
 LEGAL ADDR LINE2: 100 N. Riverside  
 LEGAL CITY,ST,ZIP: Chicago, IL 60606-1596  
 LEGAL COUNTRY: UNITED STATES  
 LEGAL PHONE NBR: (312)544-2800  
 LEGAL EFFECTIVE DATE: 7/30/1996  
 LAND ORG NAME: The Boeing Company  
 LAND ORG TYPE: Private  
 LAND PERSON NAME: Not reported  
 LAND ADDR LINE1: Office of the General Counsel  
 LAND ADDR LINE2: 100 N. Riverside  
 LAND CITY,ST,ZIP: Chicago, WA 60606-1596  
 LAND COUNTRY: UNITED STATES  
 LAND PHONE NBR: (312)544-2800  
 OPERATOR ORG NAME: The Boeing Company  
 OPERATOR ORG TYPE: Private  
 OPERATOR ADDR LINE1: PO BOX 3707 M/C 67-74  
 OPERATOR CITY,ST,ZIP: SEATTLE, WA 98124-2207  
 OPERATOR COUNTRY: UNITED STATES  
 OPERATOR PHONE NBR: (425)965-1567  
 OPERATOR EFFECTIVE DATE: 1/1/1997  
 SITE CONTACT NAME: Michael L Verhaar  
 SITE CONTACT ADDR LINE1: PO Box 3707 M/C 67-74  
 SITE CONTACT ZIP: SEATTLE, WA 98124-2207  
 SITE CONTACT COUNTRY: UNITED STATES  
 SITE CONTACT PHONE NBR: (425)965-1567  
 SITE CONTACT EMAIL: Not reported  
 FORM CONTACT NAME: Timothy J Savage  
 FORM CONTACT ADDR LINE1: PO Box 3707 M/C 67-74  
 FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98124-2207  
 FORM CONTACT COUNTRY: UNITED STATES  
 FORM CONTACT PHONE NBR: (425)965-2295  
 FORM CONTACT EMAIL: timothy.j.savage@boeing.com

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

GEN STATUS CD:	LQG	
MONTHLY GENERATION:	Yes	
BATCH GENERATION:	No	
ONE TIME GENERATION:	No	
TRANSPORTS OWN WASTE:	No	
TRANSPORTS OTHRS WASTE:	No	
RECYCLER ONSITE:	No	
TRANSFER FACILITY:	No	
OTHER EXEMPTION:	Not reported	
UW BATTERY GEN:	No	
USED OIL TRANSPORTER:	No	
USED OIL TRANSFER FACILITY:	No	
USED OIL PROCESSOR:	No	
USED OIL REREFINER:	No	
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	No	No
USED OIL FUEL MRKTR MEETS SPECS:	No	No
Facility Site ID Number:	2100	
Permit by Rule:	TRUE	
Treatment by Generator:	FALSE	
Mixed radioactive waste:	FALSE	
Importer of hazardous waste:	FALSE	
Immediate recycler:	FALSE	
Treatment/Storage/Disposal/Recycling Facility:	FALSE	FALSE
Generator of dangerous fuel waste:	FALSE	FALSE
Generator marketing to burner:	FALSE	FALSE
"Other marketers (i.e., blender, distributor, etc.)":	FALSE	FALSE
Utility boiler burner:	FALSE	FALSE
Industry boiler burner:	FALSE	FALSE
Industrial Furnace:	FALSE	FALSE
Smelter defferal:	FALSE	FALSE
Universal waste - batteries - generate:	FALSE	FALSE
Universal waste - thermostats - generate:	FALSE	FALSE
Universal waste - mercury - generate:	FALSE	FALSE
Universal waste - lamps - generate:	TRUE	TRUE
Universal waste - batteries - accumulate:	TRUE	TRUE
Universal waste - thermostats - accumulate:	FALSE	FALSE
Universal waste - mercury - accumulate:	FALSE	FALSE
Universal waste - lamps - accumulate:	TRUE	TRUE
Destination Facility for Universal Waste:	FALSE	FALSE
Off-specification used oil burner - utility boiler:	FALSE	FALSE
Off-specification used oil burner - industrial boiler:	FALSE	FALSE
Off-specification used oil burner - industrial furnace:	FALSE	FALSE
EPA ID:	WAD009256819	
Facility Address 2:	Not reported	
TAX REG NBR:	910425694	
NAICS CD:	336411	
BUSINESS TYPE:	Aircraft Manufacturing	
MAIL NAME:	The Boeing Company	
MAIL ADDR LINE1:	PO Box 3707 M/C 67-74	
MAIL CITY,ST,ZIP:	SEATTLE, WA 98124-2207	
MAIL COUNTRY:	UNITED STATES	
LEGAL ORG NAME:	The Boeing Company	
LEGAL ORG TYPE:	Private	
LEGAL ADDR LINE1:	Office of the General Counsel	
LEGAL ADDR LINE2:	100 N. Riverside	
LEGAL CITY,ST,ZIP:	Chicago, IL 60606-1596	

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: (312)544-2800  
LEGAL EFFECTIVE DATE: 7/30/1996  
LAND ORG NAME: The Boeing Company  
LAND ORG TYPE: Private  
LAND PERSON NAME: Not reported  
LAND ADDR LINE1: Office of the General Counsel  
LAND ADDR LINE2: 100 N. Riverside  
LAND CITY,ST,ZIP: Chicago, WA 60606-1596  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (312)544-2800  
OPERATOR ORG NAME: The Boeing Company  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: PO BOX 3707 M/C 67-74  
OPERATOR CITY,ST,ZIP: SEATTLE, WA 98124-2207  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: (425)965-1567  
OPERATOR EFFECTIVE DATE: 1/1/1997  
SITE CONTACT NAME: Michael L Verhaar  
SITE CONTACT ADDR LINE1: PO Box 3707 M/C 67-74  
SITE CONTACT ZIP: SEATTLE, WA 98124-2207  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: (425)965-1567  
SITE CONTACT EMAIL: Not reported  
FORM CONTACT NAME: Daniel M Machut  
FORM CONTACT ADDR LINE1: PO Box 3707 M/C 67-74  
FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98124-2207  
FORM CONTACT COUNTRY: UNITED STATES  
FORM CONTACT PHONE NBR: (206)655-8344  
FORM CONTACT EMAIL: daniel.m.machut@boeing.com  
GEN STATUS CD: LQG  
MONTHLY GENERATION: TRUE  
BATCH GENERATION: FALSE  
ONE TIME GENERATION: FALSE  
TRANSPORTS OWN WASTE: FALSE  
TRANSPORTS OTHRS WASTE: FALSE  
RECYCLER ONSITE: FALSE  
TRANSFER FACILITY: FALSE  
OTHER EXEMPTION: Not reported  
UW BATTERY GEN: TRUE  
USED OIL TRANSPORTER: FALSE  
USED OIL TRANSFER FACILITY: FALSE  
USED OIL PROCESSOR: FALSE  
USED OIL REREFINER: FALSE  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE  
USED OIL FUEL MRKTR MEETS SPECS: FALSE

ICR:

Date Ecology Received Report: 05/17/1993  
Contaminants Found at Site: Halogenated Solvents, Total petroleum hydrocarbons, Metals  
Media Contaminated: Groundwater, Soil  
Waste Management: Not reported  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-51  
County Code: 17.00000  
Contact: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

Report Title:	Not reported
Date Ecology Received Report:	12/11/1992
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	92-40
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	05/15/1991
Contaminants Found at Site:	Halogenated organic compounds, Metals, PCB's, Petroleum products, Non-halogenated solvents
Media Contaminated:	Soil, Groundwater, Surface water
Waste Management:	Not reported
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
Date Ecology Received Report:	05/17/1993
Contaminants Found at Site:	Solvents, Metals, Total petroleum hydrocarbons
Media Contaminated:	Groundwater, Soil
Waste Management:	Not reported
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-51
County Code:	17.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	03/30/1992
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	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:	06/15/1992
Contaminants Found at Site:	Halogenated organic compounds, Total petroleum hydrocarbons
Media Contaminated:	Groundwater, Soil
Waste Management:	Not reported
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-27
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

**BOEING PLANT 2 (Continued)**

**1000257078**

Date Ecology Received Report: / /  
Contaminants Found at Site: Metals, Non-halogenated solvents, Polynuclear aromatic hydrocarbons  
Media Contaminated: Groundwater  
Waste Management: Not reported  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-27  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 05/17/1993  
Contaminants Found at Site: Metals, PCB's, Solvents  
Media Contaminated: Groundwater, Soil  
Waste Management: Not reported  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-51  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

Date Ecology Received Report: 05/17/1993  
Contaminants Found at Site: Total petroleum hydrocarbons, Solvents, Metals, PCB's  
Media Contaminated: Groundwater, Soil  
Waste Management: Not reported  
Region: North Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-51  
County Code: 17.00000  
Contact: Not reported  
Report Title: Not reported

**HAZNET:**

Gepaid: WAD009256819  
Contact: THE BOEING COMPANY  
Telephone: 2066557431  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 3707 M/S 63-41  
Mailing City,St,Zip: SEATTLE, WA 981242207  
Gen County: 99  
TSD EPA ID: CAD009452657  
TSD County: San Mateo  
Waste Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Tons: 1.8347  
Facility County: 99

Gepaid: WAD009256819  
Contact: THE BOEING COMPANY  
Telephone: 2066557431  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 3707 M/S 63-41  
Mailing City,St,Zip: SEATTLE, WA 981242207  
Gen County: 99

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**BOEING PLANT 2 (Continued)**

**1000257078**

TSD EPA ID: CAD009452657  
TSD County: San Mateo  
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l  
Disposal Method: Disposal, Other  
Tons: .9173  
Facility County: 99

Gepaid: WAD009256819  
Contact: THE BOEING COMPANY  
Telephone: 2066557431  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 3707 M/S 63-41  
Mailing City,St,Zip: SEATTLE, WA 981242207  
Gen County: 99  
TSD EPA ID: CAD009452657  
TSD County: San Mateo  
Waste Category: \*\*\*  
Disposal Method: Recycler  
Tons: 2.2935  
Facility County: 99

Gepaid: WAD009256819  
Contact: THE BOEING COMPANY  
Telephone: 2066557431  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 3707 M/S 63-41  
Mailing City,St,Zip: SEATTLE, WA 981242207  
Gen County: 99  
TSD EPA ID: CAD009452657  
TSD County: San Mateo  
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l  
Disposal Method: Not reported  
Tons: 10.7550  
Facility County: 99

Gepaid: WAD009256819  
Contact: THE BOEING COMPANY  
Telephone: 2066557431  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 3707 M/S 63-41  
Mailing City,St,Zip: SEATTLE, WA 981242207  
Gen County: 99  
TSD EPA ID: CAD009452657  
TSD County: San Mateo  
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l  
Disposal Method: Recycler  
Tons: 3.7947  
Facility County: 99

[Click this hyperlink](#) while viewing on your computer to access  
102 additional CA\_HAZNET: record(s) in the EDR Site Report.

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**Q61**  
**NNW**  
**1/4-1/2**  
**2519 ft.**

**PLANT II**  
**7755 E MARGINAL WAY S**  
**SEATTLE, WA 98108**

**LUST** **U003025356**  
**N/A**

**Site 2 of 3 in cluster Q**

**Relative:**  
**Lower**

LUST:

**Actual:**  
**10 ft.**

FS ID: 2100  
 Facility ID: 10412  
 Release ID: 1719  
 Alternate Name: BOEING PLANT 2  
 Release Notification Date: 2/2/1990 00:00:00  
 Release Status Date: 6/1/1995 00:00:00  
 Facility Status: Cleanup Started  
 Affected Media: Soil  
 Site Response Unit Code: NW  
 Lat/Long: 47.532733 / -122.31691600000001

FS ID: 2100  
 Facility ID: 10412  
 Release ID: 4073  
 Alternate Name: BOEING PLANT 2 BLDG 2-08  
 Release Notification Date: 12/11/1992 00:00:00  
 Release Status Date: 6/1/1995 00:00:00  
 Facility Status: Reported Cleaned Up  
 Affected Media: Soil  
 Site Response Unit Code: NW  
 Lat/Long: 47.532733 / -122.31691600000001

FS ID: 2100  
 Facility ID: 10412  
 Release ID: 4073  
 Alternate Name: BOEING PLANT 2 BLDG 2-08  
 Release Notification Date: 12/11/1992 00:00:00  
 Release Status Date: 12/11/1992 00:00:00  
 Facility Status: Cleanup Started  
 Affected Media: Soil  
 Site Response Unit Code: NW  
 Lat/Long: 47.532733 / -122.31691600000001

FS ID: 2100  
 Facility ID: 10412  
 Release ID: 2667  
 Alternate Name: BOEING PLANT 2 BLDG 2-01  
 Release Notification Date: 9/27/1991 00:00:00  
 Release Status Date: 6/1/1995 00:00:00  
 Facility Status: Cleanup Started  
 Affected Media: Soil  
 Site Response Unit Code: NW  
 Lat/Long: 47.532733 / -122.31691600000001

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**Q62**  
**NNW**  
**1/4-1/2**  
**2519 ft.**

**BOEING CO. PLANT 2 - BLDG. 2-66**  
**7755 E. MARGINAL WAY S.**  
**SEATTLE, WA 98108**

**ICR** **S104486100**  
**N/A**

**Relative:** **Site 3 of 3 in cluster Q**

**Lower**

ICR:  
 Date Ecology Received Report: 01/23/1991  
 Contaminants Found at Site: Metals  
 Media Contaminated: Soil  
 Waste Management: Not reported  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 91-24  
 County Code: 17.00000  
 Contact: Not reported  
 Report Title: Not reported

**Actual:**  
**10 ft.**

**63**  
**North**  
**1/4-1/2**  
**2557 ft.**

**GALVIN FLYING SERVICES INC**  
**7777 PERIMETER ROAD S.**  
**SEATTLE, WA 98108**

**ICR** **S105124714**  
**N/A**

**Relative:**  
**Higher**

ICR:  
 Date Ecology Received Report: 10/22/2001  
 Contaminants Found at Site: Petroleum products, Vinyl chloride  
 Media Contaminated: Soil, Groundwater  
 Waste Management: Not reported  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 98-41  
 County Code: 17.00000  
 Contact: Not reported  
 Report Title: Release Notification

**Actual:**  
**14 ft.**

**64**  
**SSW**  
**1/4-1/2**  
**2621 ft.**

**S 96TH ST DITCH**  
**S 96TH ST / DUWAMISH RIVER**  
**SEATTLE, WA 98108**

**CSCSL** **S102258309**  
**N/A**

**Relative:**  
**Higher**

CSCSL:  
 Facility ID: 2058  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.517031000000003  
 Longitude: -122.316794  
 Lat/Long: 47.517031000000003 / -122.316794  
 Lat/Long (dms): 47 31 1.31160000001046 / 122 19 0.458400000005668  
 Media ID: 2551  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Suspected to be present  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Suspected to be present  
 Reactive Wastes: Suspected to be present  
 Corrosive Wastes: Suspected to be present

**Actual:**  
**20 ft.**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**S 96TH ST DITCH (Continued)**

**S102258309**

Radioactive Wastes:	Suspected to be present
Asbestos:	Not reported
Responsible Unit:	Northwest Region
Arsenic Code:	Not reported
MTBE Code:	Not reported
UXO Code:	Not reported
Dioxin:	Suspected to be present
Non-Halogenated Solvents:	Suspected to be present
Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	S
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):	Suspected to be present
Polynuclear Aromatic Hydrocarbons (PAH):	Confirmed above MTCA cleanup levels
Conventional Contaminants, Organic:	Suspected to be present
Conventional Contaminants, Inorganic:	Confirmed above MTCA cleanup levels
Tibutyl Tin Contaminant Group:	Not reported
Bioassay/Benthic Failures Contaminant Group:	Not reported
Wood Debris Contaminant Group:	Not reported
Other Deleterious Substance Group:	Not reported
Ecology Site Status (MTCA cleanup process):	Awaiting Site Hazard Assessment (SHA)
Independent Site Status (independent cleanup):	Not reported
Facility ID:	2058
warm_bin_n:	Not reported
Prog plan code:	Not reported
Latitude:	47.517031000000003
Longitude:	-122.316794
Lat/Long:	47.517031000000003 / -122.316794
Lat/Long (dms):	47 31 1.31160000001046 / 122 19 0.458400000005668
Media ID:	2552
Media Type Desc:	Groundwater
Media Status Desc:	Suspected
Affected Media:	Ground Water
Affected 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
Pesticides:	Suspected to be present
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Suspected to be present
Reactive Wastes:	Suspected to be present
Corrosive Wastes:	Suspected to be present
Radioactive Wastes:	Suspected to be present
Asbestos:	Not reported
Responsible Unit:	Northwest Region
Arsenic Code:	Not reported
MTBE Code:	Not reported
UXO Code:	Not reported
Dioxin:	Suspected to be present
Non-Halogenated Solvents:	Suspected to be present
Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	S
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant medals:	Suspected to be present
Polychlorinated biPhenyls (PCBs):	Suspected to be present
Polynuclear Aromatic Hydrocarbons (PAH):	Suspected to be present
Conventional Contaminants, Organic:	Suspected to be present

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**S 96TH ST DITCH (Continued)**

**S102258309**

Conventional Contaminants, Inorganic: Suspected to be present  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 2058  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 47.517031000000003  
Longitude: -122.316794  
Lat/Long: 47.517031000000003 / -122.316794  
Lat/Long (dms): 47 31 1.3116000001046 / 122 19 0.45840000005668  
Media ID: 2553  
Media Type Desc: Surface Water  
Media Status Desc: Suspected  
Affected Media: Surface Water  
Affected 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

Pesticides: Suspected to be present  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Suspected to be present  
Reactive Wastes: Suspected to be present  
Corrosive Wastes: Suspected to be present  
Radioactive Wastes: Suspected to be present  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Suspected to be present  
Non-Halogenated Solvents: Suspected to be present  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: S  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Suspected to be present  
Polychlorinated biPhenyls (PCBs): Suspected to be present  
Polynuclear Aromatic Hydrocarbons (PAH): Suspected to be present  
Conventional Contaminants, Organic: Suspected to be present  
Conventional Contaminants, Inorganic: Suspected to be present  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 2058  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 47.517031000000003  
Longitude: -122.316794  
Lat/Long: 47.517031000000003 / -122.316794  
Lat/Long (dms): 47 31 1.3116000001046 / 122 19 0.45840000005668



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**S 96TH ST DITCH (Continued)**

**S102258309**

Media ID: 2554  
 Media Type Desc: Air  
 Media Status Desc: Suspected  
 Affected Media: Air  
 Affected 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

Pesticides: Suspected to be present  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Suspected to be present  
 Reactive Wastes: Suspected to be present  
 Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Suspected to be present  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported

Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 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  
 Polynuclear Aromatic Hydrocarbons (PAH): Suspected to be present  
 Conventional Contaminants, Organic: Suspected to be present  
 Conventional Contaminants, Inorganic: Suspected to be present  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2058  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.517031000000003  
 Longitude: -122.316794  
 Lat/Long: 47.517031000000003 / -122.316794  
 Lat/Long (dms): 47 31 1.31160000001046 / 122 19 0.458400000005668  
 Media ID: 2555  
 Media Type Desc: Sediment  
 Media Status Desc: Confirmed  
 Affected Media: Sediments  
 Affected Media Status: C

Pesticides: Suspected to be present  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Suspected to be present  
 Reactive Wastes: Suspected to be present  
 Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Suspected to be present  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**S 96TH ST DITCH (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**S102258309**

UXO Code: Not reported  
 Dioxin: Suspected to be present  
 Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 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): Suspected to be present  
 Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
 Conventional Contaminants, Organic: Suspected to be present  
 Conventional Contaminants, Inorganic: Suspected to be present  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

**65  
 NNW  
 1/2-1  
 3020 ft.**

**SEATTLE DUWAMISH CO (W00952)  
 7000 E MARGINAL WAY  
 SEATTLE, WA 98108**

**CSCSL U001126370  
 UST N/A**

**Relative:  
 Lower**

**CSCSL:**

Facility ID: 2117  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.532733  
 Longitude: -122.31691600000001  
 Lat/Long: 47.532733 / -122.31691600000001  
 Lat/Long (dms): 47 31 57.8388000000012 / 122 19 0.89760000002229401  
 Media ID: 2691  
 Media Type Desc: Surface Water  
 Media Status Desc: Suspected  
 Affected Media: Surface Water  
 Affected 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

**Actual:  
 10 ft.**

Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): 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

SEATTLE DUWAMISH CO (W00952) (Continued)

U001126370

Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 2117  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 47.532733  
Longitude: -122.31691600000001  
Lat/Long: 47.532733 / -122.31691600000001  
Lat/Long (dms): 47 31 57.83880000000012 / 122 19 0.89760000002229401  
Media ID: 2692  
Media Type Desc: Sediment  
Media Status Desc: Suspected  
Affected Media: Sediments  
Affected 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

Pesticides: Not reported  
Petroleum Products: Not reported  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Suspected to be present  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

UST:

Facility ID: 64775371  
Site ID: 10481  
**Status: Operational**  
Tank Name: 3-POWER  
Install Date: 1/10/1992 00:00:00  
Capacity: 2,001 to 4,999 Gallons

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**SEATTLE DUWAMISH CO (W00952) (Continued)**

**U001126370**

Compartment #: 1  
 Substance: Diesel  
 Ecology Region: North Western  
 Tank ID: 1135  
 Compartment ID: 1158  
 Decimal Latitude: 47.54034999999997  
 Decimal Longitude: -122.32295999999999

Facility ID: 64775371  
 Site ID: 10481  
**Status: Removed**  
 Tank Name: 2 STANDBY  
 Install Date: 1/1/1969 00:00:00  
 Capacity: Not reported  
 Compartment #: 1  
 Substance: Not reported  
 Ecology Region: North Western  
 Tank ID: 32208  
 Compartment ID: 32674  
 Decimal Latitude: 47.54034999999997  
 Decimal Longitude: -122.32295999999999

Facility ID: 64775371  
 Site ID: 10481  
**Status: Removed**  
 Tank Name: 1 STANDBY  
 Install Date: 1/1/1962 00:00:00  
 Capacity: 111 TO 1,100 Gallons  
 Compartment #: 1  
 Substance: Not reported  
 Ecology Region: North Western  
 Tank ID: 41887  
 Compartment ID: 42476  
 Decimal Latitude: 47.54034999999997  
 Decimal Longitude: -122.32295999999999

**66  
 NNW  
 1/2-1  
 3593 ft.**

**AIRGAS NORPAC SEATTLE  
 7700 14TH AVE S  
 SEATTLE, WA 98108**

**CSCSL S104971576  
 SPILLS N/A  
 VCP**

**Relative:  
 Lower**

CSCSL:  
 Facility ID: 2081  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.534146999999997  
 Longitude: -122.31398299999999  
 Lat/Long: 47.534146999999997 / -122.31398299999999  
 Lat/Long (dms): 47 32 2.9291999999901499 / 122 18 50.338799999975699  
 Media ID: 2622  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: Ground Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported

**Actual:  
 9 ft.**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**AIRGAS NORPAC SEATTLE (Continued)**

**S104971576**

Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Suspected to be present  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2081  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.534146999999997  
 Longitude: -122.31398299999999  
 Lat/Long: 47.534146999999997 / -122.31398299999999  
 Lat/Long (dms): 47 32 2.9291999999901499 / 122 18 50.3387999999975699  
 Media ID: 2623  
 Media Type Desc: Surface Water  
 Media Status Desc: Suspected  
 Affected Media: Surface Water  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Suspected to be present  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): 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

**AIRGAS NORPAC SEATTLE (Continued)**

**S104971576**

Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2081  
warm\_bin\_n: Not reported  
Prog plan code: 4  
Latitude: 47.534146999999997  
Longitude: -122.31398299999999  
Lat/Long: 47.534146999999997 / -122.31398299999999  
Lat/Long (dms): 47 32 2.9291999999901499 / 122 18 50.338799999975699  
Media ID: 2624  
Media Type Desc: Air  
Media Status Desc: Suspected  
Affected Media: Air  
Affected 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

Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Suspected to be present  
Radioactive Wastes: Suspected to be present  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2081  
warm\_bin\_n: Not reported  
Prog plan code: 4  
Latitude: 47.534146999999997  
Longitude: -122.31398299999999  
Lat/Long: 47.534146999999997 / -122.31398299999999

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

AIRGAS NORPAC SEATTLE (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S104971576

Lat/Long (dms): 47 32 2.9291999999901499 / 122 18 50.338799999975699  
Media ID: 2625  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: Soil  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Suspected to be present  
Radioactive Wastes: Suspected to be present  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2081  
warm\_bin\_n: Not reported  
Prog plan code: 4  
Latitude: 47.534146999999997  
Longitude: -122.31398299999999  
Lat/Long: 47.534146999999997 / -122.31398299999999  
Lat/Long (dms): 47 32 2.9291999999901499 / 122 18 50.338799999975699  
Media ID: 2626  
Media Type Desc: Sediment  
Media Status Desc: Suspected  
Affected Media: Sediments  
Affected 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  
Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Suspected to be present  
Radioactive Wastes: Suspected to be present  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**AIRGAS NORPAC SEATTLE (Continued)**

**S104971576**

MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

**SPILLS:**

Facility ID: 525690  
Medium: INDUSTRIAL PROPERTY  
Material Desc: OTHER HAZARDOUS  
Material Qty: 300  
Material Units: GALLON  
Date Received: 4/10/2002  
Contact Name: Not reported  
Company Name: BOC GASES

Facility ID: 558943  
Medium: ROADWAY-PAVED  
Material Desc: PETROLEUM - HYDRAULIC OIL  
Material Qty: 1  
Material Units: OUNCE  
Date Received: 11/15/2006  
Contact Name: Not reported  
Company Name: WASTE MGT

**VCP:**

Facility ID: 2081  
Ecology Status: Independent Remedial Action  
WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4

Facility ID: 2081  
Ecology Status: Independent Remedial Action  
WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4

Facility ID: 2081  
Ecology Status: Independent Remedial Action  
WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**AIRGAS NORPAC SEATTLE (Continued)**

**S104971576**

Facility ID: 2081  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

Facility ID: 2081  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

**67  
 North  
 1/2-1  
 3629 ft.**

**HANGAR HOLDINGS INC.  
 7675 PERIMETER RD S  
 SEATTLE, WA 98108**

**CSCSL U003528693  
 LUST N/A  
 UST  
 VCP**

**Relative:  
 Higher**

**CSCSL:**

**Actual:  
 25 ft.**

Facility ID: 72811433  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.532380000000003  
 Longitude: -122.30136  
 Lat/Long: 47.532380000000003 / -122.30136  
 Lat/Long (dms): 47 31 56.567999999999998 / 122 18 4.8959999999999999  
 Media ID: 9961  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: Ground Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**HANGAR HOLDINGS INC. (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**U003528693**

Facility ID:	72811433	
warm_bin_n:	Not reported	
Prog plan code:	4	
Latitude:	47.532380000000003	
Longitude:	-122.30136	
Lat/Long:	47.532380000000003 / -122.30136	
Lat/Long (dms):	47 31 56.567999999999998 / 122 18 4.8959999999999999	
Media ID:	9963	
Media Type Desc:	Soil	
Media Status Desc:	Confirmed	
Affected Media:	Soil	
Affected Media Status:	C	
Pesticides:	Not reported	
Petroleum Products:	Confirmed above MTCA cleanup levels	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:	Confirmed above MTCA cleanup levels	
Base/Neutral/Acid Organics:	Not reported	
Halogenated Organic Compounds:	Not reported	
EPA Priority Pollutants - Metals and Cyanide:	Not reported	
Metals - Other non-priority pollutant metals:	Not reported	
Polychlorinated biPhenyls (PCBs):	Not reported	
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported	
Conventional Contaminants, Organic:	Not reported	
Conventional Contaminants, Inorganic:	Not reported	
Tibutyl Tin Contaminant Group:	Not reported	
Bioassay/Benthic Failures Contaminant Group:	Not reported	
Wood Debris Contaminant Group:	Not reported	
Other Deleterious Substance Group:	Not reported	
Ecology Site Status (MTCA cleanup process):	Independent Remedial Action	
Independent Site Status (independent cleanup):	Final Independent Remedial Action Report received	
Facility ID:	72811433	
warm_bin_n:	Not reported	
Prog plan code:	4	
Latitude:	47.532380000000003	
Longitude:	-122.30136	
Lat/Long:	47.532380000000003 / -122.30136	
Lat/Long (dms):	47 31 56.567999999999998 / 122 18 4.8959999999999999	
Media ID:	9960	
Media Type Desc:	Soil	
Media Status Desc:	Below Cleanup Level	
Affected Media:	Soil	
Affected Media Status:	B (Below) - The presence of hazardous substances below MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum products). The B code may only be applied following completion of analytical work in conjunction with a Site Hazard Assessment (SHA) or Remedial Investigation/Feasibility Study (RI/FS)	

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**HANGAR HOLDINGS INC. (Continued)**

**U003528693**

Pesticides: Not reported  
 Petroleum Products: Below MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Below MTCA cleanup levels  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Below MTCA cleanup levels  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

Facility ID: 72811433  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.532380000000003  
 Longitude: -122.30136  
 Lat/Long: 47.532380000000003 / -122.30136  
 Lat/Long (dms): 47 31 56.567999999999998 / 122 18 4.8959999999999999  
 Media ID: 9962  
 Media Type Desc: Groundwater  
 Media Status Desc: Below Cleanup Level  
 Affected Media: Ground Water  
 Affected Media Status: B (Below) - The presence of hazardous substances below MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum products). The B code may only be applied following completion of analytical work in conjunction with a Site Hazard Assessment (SHA) or Remedial Investigation/Feasibility Study (RI/FS)

Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**HANGAR HOLDINGS INC. (Continued)**

**U003528693**

Non-Halogenated Solvents: Below MTCA cleanup levels  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: B  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Below MTCA cleanup levels  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

Facility ID: 72811433  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.532380000000003  
 Longitude: -122.30136  
 Lat/Long: 47.532380000000003 / -122.30136  
 Lat/Long (dms): 47 31 56.567999999999998 / 122 18 4.8959999999999999  
 Media ID: 9959  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported

Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (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

HANGAR HOLDINGS INC. (Continued)

U003528693

LUST:

FS ID: 72811433  
Facility ID: 484990  
Release ID: 587690  
Alternate Name: HANGAR HOLDINGS INC (FORMER SHELL OIL)  
Release Notification Date: 8/14/2001 00:00:00  
Release Status Date: 7/25/1997 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Soil  
Site Response Unit Code: NW  
Lat/Long: 47.532380000000003 / -122.30136

FS ID: 72811433  
Facility ID: 484990  
Release ID: 587690  
Alternate Name: HANGAR HOLDINGS INC (FORMER SHELL OIL)  
Release Notification Date: 8/14/2001 00:00:00  
Release Status Date: 7/25/1997 00:00:00  
Facility Status: Cleanup Started  
Affected Media: Ground Water  
Site Response Unit Code: NW  
Lat/Long: 47.532380000000003 / -122.30136

UST:

Facility ID: 72811433  
Site ID: 484990  
**Status: Removed**  
Tank Name: 4  
Install Date: 1/1/1900 00:00:00  
Capacity: 10,000 to 19,999 Gallons  
Compartment #: 1  
Substance: Aviation Fuel  
Ecology Region: North Western  
Tank ID: 587605  
Compartment ID: 587606  
Decimal Latitude: 47.532380000000003  
Decimal Longitude: -122.30136

Facility ID: 72811433  
Site ID: 484990  
**Status: Removed**  
Tank Name: 8  
Install Date: 1/1/1900 00:00:00  
Capacity: 10,000 to 19,999 Gallons  
Compartment #: 1  
Substance: Aviation Fuel  
Ecology Region: North Western  
Tank ID: 587626  
Compartment ID: 587627  
Decimal Latitude: 47.532380000000003  
Decimal Longitude: -122.30136

Facility ID: 72811433  
Site ID: 484990  
**Status: Removed**  
Tank Name: 6

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

HANGAR HOLDINGS INC. (Continued)

U003528693

Install Date: 1/1/1900 00:00:00  
Capacity: 10,000 to 19,999 Gallons  
Compartment #: 1  
Substance: Aviation Fuel  
Ecology Region: North Western  
Tank ID: 587615  
Compartment ID: 587616  
Decimal Latitude: 47.532380000000003  
Decimal Longitude: -122.30136

Facility ID: 72811433  
Site ID: 484990  
**Status: Removed**  
Tank Name: 3  
Install Date: 1/1/1900 00:00:00  
Capacity: 30,000 to 49,999 Gallons  
Compartment #: 1  
Substance: Aviation Fuel  
Ecology Region: North Western  
Tank ID: 587580  
Compartment ID: 587581  
Decimal Latitude: 47.532380000000003  
Decimal Longitude: -122.30136

Facility ID: 72811433  
Site ID: 484990  
**Status: Operational**  
Tank Name: 2  
Install Date: 9/27/1998 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Aviation Fuel  
Ecology Region: North Western  
Tank ID: 485000  
Compartment ID: 485023  
Decimal Latitude: 47.532380000000003  
Decimal Longitude: -122.30136

Facility ID: 72811433  
Site ID: 484990  
**Status: Removed**  
Tank Name: 5  
Install Date: 1/1/1900 00:00:00  
Capacity: 10,000 to 19,999 Gallons  
Compartment #: 1  
Substance: Aviation Fuel  
Ecology Region: North Western  
Tank ID: 587610  
Compartment ID: 587611  
Decimal Latitude: 47.532380000000003  
Decimal Longitude: -122.30136

Facility ID: 72811433  
Site ID: 484990  
**Status: Removed**  
Tank Name: 7  
Install Date: 1/1/1964 00:00:00



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

HANGAR HOLDINGS INC. (Continued)

U003528693

Capacity: 10,000 to 19,999 Gallons  
Compartment #: 1  
Substance: Aviation Fuel  
Ecology Region: North Western  
Tank ID: 587620  
Compartment ID: 587621  
Decimal Latitude: 47.532380000000003  
Decimal Longitude: -122.30136

Facility ID: 72811433  
Site ID: 484990  
**Status: Operational**  
Tank Name: 1  
Install Date: 9/27/1998 00:00:00  
Capacity: Not reported  
Compartment #: 1  
Substance: Aviation Fuel  
Ecology Region: North Western  
Tank ID: 484999  
Compartment ID: 485022  
Decimal Latitude: 47.532380000000003  
Decimal Longitude: -122.30136

Facility ID: 72811433  
Site ID: 484990  
**Status: Removed**  
Tank Name: 9  
Install Date: 1/1/1900 00:00:00  
Capacity: 5,000 to 9,999 Gallons  
Compartment #: 1  
Substance: Aviation Fuel  
Ecology Region: North Western  
Tank ID: 587631  
Compartment ID: 587632  
Decimal Latitude: 47.532380000000003  
Decimal Longitude: -122.30136

Facility ID: 72811433  
Site ID: 484990  
**Status: Removed**  
Tank Name: 10  
Install Date: 1/1/1900 00:00:00  
Capacity: 2,001 to 4,999 Gallons  
Compartment #: 1  
Substance: Not reported  
Ecology Region: North Western  
Tank ID: 587636  
Compartment ID: 587637  
Decimal Latitude: 47.532380000000003  
Decimal Longitude: -122.30136

VCP:

Facility ID: 72811433  
Ecology Status: Independent Remedial Action  
WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**HANGAR HOLDINGS INC. (Continued)**

**U003528693**

Facility ID: 72811433  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

Facility ID: 72811433  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

Facility ID: 72811433  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

Facility ID: 72811433  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

**R68  
 SSE  
 1/2-1  
 3646 ft.**

**BOEING A&M DEVELOPMENTAL CENTER  
 9725 E MARGINAL WAY S  
 SEATTLE, WA 98108**

**Site 1 of 2 in cluster R**

**Relative:  
 Higher**

**Actual:  
 13 ft.**

CSCSL:  
 Facility ID: 2101  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.515470999999998  
 Longitude: -122.297455  
 Lat/Long: 47.515470999999998 / -122.297455  
 Lat/Long (dms): 47 30 55.689999999999998 / 122 17 50.829999999999998  
 Media ID: 2662  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: Ground Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported

**CSCSL 1000922442  
 RCRA-LQG WAD093639946  
 CORRACTS  
 CERC-NFRAP  
 VCP  
 WA MANIFEST  
 US ENG CONTROLS  
 US INST CONTROL**

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2101  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.515470999999998  
 Longitude: -122.297455  
 Lat/Long: 47.515470999999998 / -122.297455  
 Lat/Long (dms): 47 30 55.689999999999998 / 122 17 50.829999999999998  
 Media ID: 2663  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported

Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2101

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.515470999999998  
 Longitude: -122.297455  
 Lat/Long: 47.515470999999998 / -122.297455  
 Lat/Long (dms): 47 30 55.689999999999998 / 122 17 50.829999999999998  
 Media ID: 2664  
 Media Type Desc: Surface Water  
 Media Status Desc: Suspected  
 Affected Media: Surface Water  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported

Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2101  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.515470999999998  
 Longitude: -122.297455  
 Lat/Long: 47.515470999999998 / -122.297455  
 Lat/Long (dms): 47 30 55.689999999999998 / 122 17 50.829999999999998  
 Media ID: 2665  
 Media Type Desc: Air  
 Media Status Desc: Suspected  
 Affected Media: Air  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Suspected to be present

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2101  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.515470999999998  
 Longitude: -122.297455  
 Lat/Long: 47.515470999999998 / -122.297455  
 Lat/Long (dms): 47 30 55.689999999999998 / 122 17 50.829999999999998  
 Media ID: 2666  
 Media Type Desc: Sediment  
 Media Status Desc: Suspected  
 Affected Media: Sediments  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 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 Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

Polychlorinated biPhenyls (PCBs):	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported
Tibutyl Tin Contaminant Group:	Not reported
Bioassay/Benthic Failures Contaminant Group:	Not reported
Wood Debris Contaminant Group:	Not reported
Other Deleterious Substance Group:	Not reported
Ecology Site Status (MTCA cleanup process):	Independent Remedial Action
Independent Site Status (independent cleanup):	Independent Site Assessment of Interim Remedial Action Report received

RCRAInfo Corrective Action Summary:

Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event Date: 08/05/2004

Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event Date: 08/05/2004

Event: CA770GW

Event Date: 06/15/2004

Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event Date: 08/29/2003

Event: CA770GW

Event Date: 05/07/2002

Event: Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).

Event Date: 05/06/2002

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

1000922442

- Event: Current Human Exposures under Control, More information is needed to make a determination.  
Event Date: 12/31/2001
- Event: Igration of Contaminated Groundwater under Control, More information is needed to make a determination.  
Event Date: 12/31/2001
- Event: CA772ID  
Event Date: 09/22/1999
- Event: CA770NG  
Event Date: 09/20/1999
- Event: Igration of Contaminated Groundwater under Control, More information is needed to make a determination.  
Event Date: 09/26/1997
- Event: Current Human Exposures under Control, More information is needed to make a determination.  
Event Date: 09/26/1997
- 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: 09/21/1994
- Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.  
Event Date: 09/21/1994
- Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.  
Event Date: 09/21/1994
- Event: Stabilization Measures Implemented, Groundwater extraction and treatment (e.g., to achieve groundwater containment, to achieve MCL).  
Event Date: 09/21/1994
- Event: RFI Imposition, Focused data collection required for stabilization evaluation.  
Event Date: 09/21/1994



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

Event: RFA Determination Of Need For An RFI, RFI is Necessary;  
 Event Date: 09/21/1994

Event: CA Prioritization, Facility or area was assigned a high corrective action  
 priority.  
 Event Date: 09/21/1994

Event: CA770GW  
 Event Date: 10/15/1993

Event: CA Prioritization, Facility or area was assigned a medium corrective action  
 priority.  
 Event Date: 09/30/1991

**RCRAInfo:**

Owner: BOEING CO  
 (206) 728-3762  
 EPA ID: WAD093639946  
 Contact: Not reported  
 Classification: Large Quantity Generator  
 TSDF Activities: Not reported

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 2005

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	16133.35	D002	14171.14
D004	9316.00	D005	81846.49
D006	77677.10	D007	96638.49
D008	90190.49	D009	4789.00
D010	67521.10	D011	16603.39
D018	2452.96	D035	886.00
F002	74234.49	U108	229.00

Violation Status: Violations exist

Regulation Violated: 200(1)(b)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/11/1996  
 Actual Date Achieved Compliance: 12/11/1996

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 01/15/1997  
 Penalty Type: Not reported

Regulation Violated: 210  
 Area of Violation: GENERATOR-MANIFEST REQUIREMENTS  
 Date Violation Determined: 12/11/1996  
 Actual Date Achieved Compliance: 12/11/1996

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 01/15/1997  
 Penalty Type: Not reported

Regulation Violated: 640(4)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 03/09/1995  
 Actual Date Achieved Compliance: 04/30/1995

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 04/12/1995  
 Penalty Type: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

Regulation Violated: 340(1)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 03/09/1995  
Actual Date Achieved Compliance: 04/30/1995  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/12/1995  
Penalty Type: Not reported  
  
Regulation Violated: 200(1)(d)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 03/09/1995  
Actual Date Achieved Compliance: 04/30/1995  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 04/12/1995  
Penalty Type: Not reported  
  
Regulation Violated: 400 & REF 320(2)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 07/28/1993  
Actual Date Achieved Compliance: 03/02/1994  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 01/18/1994  
Penalty Type: Not reported  
  
Regulation Violated: -303(2)(A)  
Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
Date Violation Determined: 08/14/1991  
Actual Date Achieved Compliance: 11/27/1991  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 10/29/1991  
Penalty Type: Not reported  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/08/1985  
Penalty Type: Not reported  
  
Regulation Violated: Not reported  
Area of Violation: TSD-LAND BAN REQUIREMENTS  
Date Violation Determined: 08/23/1989  
Actual Date Achieved Compliance: 03/08/1990  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/01/1990  
Penalty Type: Not reported  
  
Regulation Violated: Not reported  
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS  
Date Violation Determined: 08/23/1989  
Actual Date Achieved Compliance: 03/08/1990  
  
Enforcement Action: WRITTEN INFORMAL  
Enforcement Action Date: 03/01/1990  
Penalty Type: Not reported  
  
Regulation Violated: Not reported  
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)  
Date Violation Determined: 08/23/1989  
Actual Date Achieved Compliance: 03/08/1990  
  
Enforcement Action: WRITTEN INFORMAL

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

Enforcement Action Date:	03/01/1990
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	08/23/1989
Actual Date Achieved Compliance:	03/08/1990
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/01/1990
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-LAND BAN REQUIREMENTS
Date Violation Determined:	08/08/1989
Actual Date Achieved Compliance:	07/04/1994
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined:	08/08/1989
Actual Date Achieved Compliance:	07/04/1994
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	08/08/1989
Actual Date Achieved Compliance:	07/04/1994
Regulation Violated:	Not reported
Area of Violation:	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined:	08/08/1989
Actual Date Achieved Compliance:	07/04/1994
Regulation Violated:	Not reported
Area of Violation:	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined:	08/08/1989
Actual Date Achieved Compliance:	07/04/1994
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	08/08/1989
Actual Date Achieved Compliance:	07/04/1994
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/24/1988
Actual Date Achieved Compliance:	08/08/1989
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	08/24/1988
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined:	03/24/1988
Actual Date Achieved Compliance:	08/08/1989
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	08/24/1988
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/24/1988
Actual Date Achieved Compliance:	08/08/1989

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000922442**

Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	08/24/1988
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-LAND BAN REQUIREMENTS
Date Violation Determined:	03/24/1988
Actual Date Achieved Compliance:	08/08/1989
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	08/24/1988
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined:	03/08/1985
Actual Date Achieved Compliance:	05/10/1985
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	10/29/1991
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/08/1985
Penalty Type:	Not reported

There are 22 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Other Evaluation	GENERATOR-MANIFEST REQUIREMENTS	19961211
	GENERATOR-GENERAL REQUIREMENTS	19961211
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19950430
	GENERATOR-GENERAL REQUIREMENTS	19950430
	GENERATOR-GENERAL REQUIREMENTS	19950430
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19940302
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19911127
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19900308
	GENERATOR-LAND BAN REQUIREMENTS	19900308
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19900308
	TSD-LAND BAN REQUIREMENTS	19900308
Compliance Evaluation Inspection	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19940704
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940704
	GENERATOR-LAND BAN REQUIREMENTS	19940704
	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19940704
	TSD-LAND BAN REQUIREMENTS	19940704
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940704
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19890808
	TSD-LAND BAN REQUIREMENTS	19890808
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19890808
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19890808
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19850510

**CORRACTS:**

EPA ID:	WAD093639946
EPA Region:	10
Area Name:	ENTIRE FACILITY
Actual Date:	05/06/2002
Action:	CA600SR - Stabilization Measures Implemented, Primary measure is

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

1000922442

NAICS Code(s):	source removal and/or treatment 336411 Aircraft Manufacturing
EPA ID:	WAD093639946
EPA Region:	10
Area Name:	BLDG 9-101
Actual Date:	06/15/2004
Action:	CA770GW
NAICS Code(s):	336411 Aircraft Manufacturing
EPA ID:	WAD093639946
EPA Region:	10
Area Name:	ENTIRE FACILITY
Actual Date:	08/05/2004
Action:	CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s):	336411 Aircraft Manufacturing
EPA ID:	WAD093639946
EPA Region:	10
Area Name:	ENTIRE FACILITY
Actual Date:	08/05/2004
Action:	CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s):	336411 Aircraft Manufacturing
EPA ID:	WAD093639946
EPA Region:	10
Area Name:	ENTIRE FACILITY
Actual Date:	08/29/2003
Action:	CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s):	336411 Aircraft Manufacturing
EPA ID:	WAD093639946
EPA Region:	10
Area Name:	ENTIRE FACILITY
Actual Date:	09/20/1999
Action:	CA770NG
NAICS Code(s):	336411 Aircraft Manufacturing
EPA ID:	WAD093639946
EPA Region:	10
Area Name:	ENTIRE FACILITY
Actual Date:	09/21/1994
Action:	CA600GW - Stabilization Measures Implemented, Groundwater extraction and treatment
NAICS Code(s):	336411 Aircraft Manufacturing
EPA ID:	WAD093639946

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

EPA Region: 10  
 Area Name: ENTIRE FACILITY  
 Actual Date: 09/21/1994  
 Action: CA225YE - 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  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD093639946  
 EPA Region: 10  
 Area Name: ENTIRE FACILITY  
 Actual Date: 09/21/1994  
 Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD093639946  
 EPA Region: 10  
 Area Name: ENTIRE FACILITY  
 Actual Date: 09/21/1994  
 Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD093639946  
 EPA Region: 10  
 Area Name: ENTIRE FACILITY  
 Actual Date: 09/21/1994  
 Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD093639946  
 EPA Region: 10  
 Area Name: ENTIRE FACILITY  
 Actual Date: 09/21/1994  
 Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD093639946  
 EPA Region: 10  
 Area Name: ENTIRE FACILITY  
 Actual Date: 09/21/1994  
 Action: CA100DC - RFI Imposition, Focused data collection required for stabilization evaluation  
 NAICS Code(s): 336411  
 Aircraft Manufacturing

EPA ID: WAD093639946  
 EPA Region: 10  
 Area Name: ENTIRE FACILITY

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

Site

1000922442

Actual Date: 09/22/1999  
Action: CA772ID  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 09/26/1997  
Action: CA750IN - Migration of Contaminated Groundwater under Control, More information is needed to make a determination  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 09/26/1997  
Action: CA725IN - Current Human Exposures Under Control, More information is needed to make a determination  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 09/30/1991  
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: BLDG 9-101  
Actual Date: 10/15/1993  
Action: CA770GW  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 12/31/2001  
Action: CA725IN - Current Human Exposures Under Control, More information is needed to make a determination  
NAICS Code(s): 336411  
Aircraft Manufacturing

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: ENTIRE FACILITY  
Actual Date: 12/31/2001  
Action: CA750IN - Migration of Contaminated Groundwater under Control, More information is needed to make a determination  
NAICS Code(s): 336411  
Aircraft Manufacturing

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

EPA ID: WAD093639946  
EPA Region: 10  
Area Name: BLDG 9-60  
Actual Date: / /  
Action: 9-61  
NAICS Code(s): 05/07/2002 336411  
Aircraft Manufacturing

CERC-NFRAP:  
Site ID: 1000804  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Alias Name(s):  
Alias Name: BOEING CO DEF & SPACE MIL AIRPLANES DIV  
Alias Address: 7755 E MARGINAL WAY S  
SEATTLE, WA 98124  
Site Description: Not reported

CERCLIS-NFRAP Assessment History:  
Action: DISCOVERY  
Date Started: Not reported  
Date Completed: 11/18/1980  
Priority Level: Not reported  
  
Action: PRELIMINARY ASSESSMENT  
Date Started: 04/16/1985  
Date Completed: 04/30/1985  
Priority Level: Low  
  
Action: PRELIMINARY ASSESSMENT  
Date Started: 05/27/1988  
Date Completed: 05/27/1988  
Priority Level: NFRAP (No Further Remedial Action Planned)  
  
Action: ARCHIVE SITE  
Date Started: Not reported  
Date Completed: 05/27/1988  
Priority Level: Not reported

VCP:  
Facility ID: 2101  
Ecology Status: Independent Remedial Action  
WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4  
  
Facility ID: 2101  
Ecology Status: Independent Remedial Action  
WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4  
  
Facility ID: 2101  
Ecology Status: Independent Remedial Action



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4

Facility ID: 2101  
Ecology Status: Independent Remedial Action  
WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4

Facility ID: 2101  
Ecology Status: Independent Remedial Action  
WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4

**WA MANIFEST:**

Facility Site ID Number: 2101  
Permit by Rule: No  
Treatment by Generator: No  
Mixed radioactive waste: No  
Importer of hazardous waste: No  
Immediate recycler: No  
Treatment/Storage/Disposal/Recycling Facility: No  
Generator of dangerous fuel waste: No  
Generator marketing to burner: No  
"Other marketers (i.e., blender, distributor, etc.)": No  
Utility boiler burner: No  
Industry boiler burner: No  
Industrial Furnace: No  
Smelter defferal: No  
Universal waste - batteries - generate: No  
Universal waste - thermostats - generate: No  
Universal waste - mercury - generate: No  
Universal waste - lamps - generate: Yes  
Universal waste - batteries - accumulate: No  
Universal waste - thermostats - accumulate: No  
Universal waste - mercury - accumulate: No  
Universal waste - lamps - accumulate: No  
Destination Facility for Universal Waste: No  
Off-specification used oil burner - utility boiler: No  
Off-specification used oil burner - industrial boiler: No  
Off-specification used oil burner - industrial furnace: No  
EPA ID: WAD093639946  
Facility Address 2: Not reported  
TAX REG NBR: 910425694  
NAICS CD: 336411  
BUSINESS TYPE: aircraft manufacture  
MAIL NAME: The Boeing Company  
MAIL ADDR LINE1: PO BOX 3707 MC 46-23  
MAIL CITY,ST,ZIP: SEATTLE, WA 98124-2207  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: The Boeing Co  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: PO BOX 3707 MC 46-23  
LEGAL CITY,ST,ZIP: SEATTLE, WA 98124-2207  
LEGAL COUNTRY: UNITED STATES

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

LEGAL PHONE NBR: (312)544-2800  
LEGAL EFFECTIVE DATE: 7/30/1996  
LAND ORG NAME: The Boeing Co  
LAND ORG TYPE: Private  
LAND PERSON NAME: Not reported  
LAND ADDR LINE1: Office of the General Council  
LAND ADDR LINE2: 100 N Riverside  
LAND CITY,ST,ZIP: Chicago, IL 60606-1596  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (312)544-2800  
OPERATOR ORG NAME: Boeing IDS Seattle Site  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: PO Box 3707 M/C 80-RX  
OPERATOR CITY,ST,ZIP: SEATTLE, WA 98124-2207  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: (253)657-3065  
OPERATOR EFFECTIVE DATE: 3/25/1997  
SITE CONTACT NAME: Eric S Vetter  
SITE CONTACT ADDR LINE1: PO BOX 3707 MC 46-23  
SITE CONTACT ZIP: SEATTLE, WA 98124-2207  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: (206) 544-1230  
SITE CONTACT EMAIL: eric.s.vetter@boeing.com  
FORM CONTACT NAME: Nancy L Ballew  
FORM CONTACT ADDR LINE1: PO BOX 3707 MC 46-23  
FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98124-2207  
FORM CONTACT COUNTRY: UNITED STATES  
FORM CONTACT PHONE NBR: (206) 544-0205  
FORM CONTACT EMAIL: nancy.l.ballew@boeing.com  
GEN STATUS CD: LQG  
MONTHLY GENERATION: Yes  
BATCH GENERATION: No  
ONE TIME GENERATION: No  
TRANSPORTS OWN WASTE: No  
TRANSPORTS OTHRS WASTE: No  
RECYCLER ONSITE: No  
TRANSFER FACILITY: No  
OTHER EXEMPTION: Not reported  
UW BATTERY GEN: No  
USED OIL TRANSPORTER: No  
USED OIL TRANSFER FACILITY: No  
USED OIL PROCESSOR: No  
USED OIL REREFINER: No  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: No  
USED OIL FUEL MRKTR MEETS SPECS: No  
  
Facility Site ID Number: 2101  
Permit by Rule: FALSE  
Treatment by Generator: FALSE  
Mixed radioactive waste: FALSE  
Importer of hazardous waste: FALSE  
Immediate recycler: FALSE  
Treatment/Storage/Disposal/Recycling Facility: FALSE  
Generator of dangerous fuel waste: FALSE  
Generator marketing to burner: FALSE  
"Other marketers (i.e., blender, distributor, etc.)": FALSE  
Utility boiler burner: FALSE

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

Industry boiler burner:	FALSE
Industrial Furnace:	FALSE
Smelter defferal:	FALSE
Universal waste - batteries - generate:	FALSE
Universal waste - thermostats - generate:	FALSE
Universal waste - mercury - generate:	FALSE
Universal waste - lamps - generate:	TRUE
Universal waste - batteries - accumulate:	TRUE
Universal waste - thermostats - accumulate:	FALSE
Universal waste - mercury - accumulate:	FALSE
Universal waste - lamps - accumulate:	TRUE
Destination Facility for Universal Waste:	FALSE
Off-specification used oil burner - utility boiler:	FALSE
Off-specification used oil burner - industrial boiler:	FALSE
Off-specification used oil burner - industrial furnace:	FALSE
EPA ID:	WAD093639946
Facility Address 2:	Not reported
TAX REG NBR:	910425694
NAICS CD:	336411
BUSINESS TYPE:	aircraft manufacture
MAIL NAME:	The Boeing Company
MAIL ADDR LINE1:	PO BOX 3707 MC 46-23
MAIL CITY,ST,ZIP:	SEATTLE, WA 98124-2207
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	The Boeing Co
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO BOX 3707 MC 46-23
LEGAL CITY,ST,ZIP:	SEATTLE, WA 98124-2207
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(312)544-2800
LEGAL EFFECTIVE DATE:	7/30/1996
LAND ORG NAME:	The Boeing Co
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	Office of the General Council
LAND ADDR LINE2:	100 N Riverside
LAND CITY,ST,ZIP:	Chicago, IL 60606-1596
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(312)544-2800
OPERATOR ORG NAME:	Boeing IDS Seattle Site
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	PO Box 3707 M/C 80-RX
OPERATOR CITY,ST,ZIP:	SEATTLE, WA 98124-2207
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(253)657-3065
OPERATOR EFFECTIVE DATE:	3/25/1997
SITE CONTACT NAME:	Eric S Vetter
SITE CONTACT ADDR LINE1:	PO BOX 3707 MC 46-23
SITE CONTACT ZIP:	SEATTLE, WA 98124-2207
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(206) 544-1230
SITE CONTACT EMAIL:	eric.s.vetter@boeing.com
FORM CONTACT NAME:	Nancy L Ballew
FORM CONTACT ADDR LINE1:	PO BOX 3707 MC 46-23
FORM CONTACT CITY,ST,ZIP:	SEATTLE, WA 98124-2207
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(206) 544-0205

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

FORM CONTACT EMAIL: nancy.l.ballew@boeing.com  
GEN STATUS CD: LQG  
MONTHLY GENERATION: TRUE  
BATCH GENERATION: FALSE  
ONE TIME GENERATION: FALSE  
TRANSPORTS OWN WASTE: FALSE  
TRANSPORTS OTHRS WASTE: FALSE  
RECYCLER ONSITE: FALSE  
TRANSFER FACILITY: FALSE  
OTHER EXEMPTION: Not reported  
UW BATTERY GEN: TRUE  
USED OIL TRANSPORTER: FALSE  
USED OIL TRANSFER FACILITY: FALSE  
USED OIL PROCESSOR: FALSE  
USED OIL REREFINER: FALSE  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE  
USED OIL FUEL MRKTR MEETS SPECS: FALSE

**US ENG CONTROLS:**

EPA ID: WAD093639946  
Site ID: Not reported  
Name: BOEING A&M DEVELOPMENTAL CENTER  
Address: 9725 E MARGINAL WAY S  
SEATTLE, WA 98108  
EPA Region: 10  
County: KING  
Event Code: CA770GW  
Actual Date: 06/15/2004

Action ID: Not reported  
Action Name: Not reported  
Action Completion date: Not reported  
Planned Complet. date: Not reported  
Operable Unit: Not reported  
Contaminated Media : Not reported  
Engineering Control: Not reported

Action ID: Not reported  
Action Name: Not reported  
Action Completion date: Not reported  
Planned Complet. date: Not reported  
Operable Unit: Not reported  
Contaminated Media : Not reported  
Engineering Control: Not reported

**US INST CONTROL:**

EPA ID: WAD093639946  
Site ID: Not reported  
Name: BOEING A&M DEVELOPMENTAL CENTER  
Action Name: Not reported  
Address: 9725 E MARGINAL WAY S  
SEATTLE, WA 98108  
EPA Region: 10  
County: KING  
Event Code: CA772ID

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING A&M DEVELOPMENTAL CENTER (Continued)**

**1000922442**

Inst. Control: Not reported  
 Actual Date: 09/22/1999  
 Planned Complet. Date: / /  
 Complet. Date: / /  
 Operable Unit: Not reported  
 Contaminated Media : Not reported

**R69  
 SSE  
 1/2-1  
 3646 ft.**

**BOEING DEVELOPMENT CENTER NORFOLK  
 9725 E MARGINAL WAY  
 TUKWILA, WA 98108**

**CSCSL S105790035  
 SPILLS N/A  
 VCP**

**Site 2 of 2 in cluster R**

**Relative:  
 Higher**

**CSCSL:**

**Actual:  
 13 ft.**

Facility ID: 4581384  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.513333000000003  
 Longitude: -122.28958299999999  
 Lat/Long: 47.513333000000003 / -122.28958299999999  
 Lat/Long (dms): 47 30 48 / 122 17 22.5  
 Media ID: 9702  
 Media Type Desc: Soil  
 Media Status Desc: Below Cleanup Level  
 Affected Media: Soil  
 Affected Media Status: B (Below) - The presence of hazardous substances below MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum products). The B code may only be applied following completion of analytical work in conjunction with a Site Hazard Assessment (SHA) or Remedial Investigation/Feasibility Study (RI/FS)  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Below MTCA cleanup levels  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (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

**BOEING DEVELOPMENT CENTER NORFOLK (Continued)**

**S105790035**

**SPILLS:**

Facility ID: 505012  
 Medium: SURFACE WATER-FRESH  
 Material Desc: OTHER - SEE NOTE  
 Material Qty: 200  
 Material Units: GALLON  
 Date Received: 7/2/1999  
 Contact Name: BOEING  
 Company Name: BOEING

Facility ID: 531602  
 Medium: CATCH BASIN  
 Material Desc: PETROLEUM - GASOLINE  
 Material Qty: 10  
 Material Units: GALLON  
 Date Received: 1/21/2003  
 Contact Name: Not reported  
 Company Name: BOEING

**VCP:**

Facility ID: 4581384  
 Ecology Status: Independent Remedial Action  
 WARM BIN #: Not reported  
 NFA Code: Not reported  
 Program Plan: 4

**S70  
 North  
 1/2-1  
 4094 ft.**

**BOEING S&CS ELECTRONIC MANUFACTURING FACILITY  
 7355 PERIMETER RD S  
 SEATTLE, WA 98108**

**CSCSL 1000257103  
 FINDS WAD980980270  
 RCRA-LQG  
 UST  
 WA MANIFEST**

**Site 1 of 2 in cluster S**

**Relative:  
 Higher**

**CSCSL:**

**Actual:  
 23 ft.**

Facility ID: 73142589  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.538161000000002  
 Longitude: -122.305345  
 Lat/Long: 47.538161000000002 / -122.305345  
 Lat/Long (dms): 47 32 17.379999999999999 / 122 18 19.240000000000002  
 Media ID: 8072  
 Media Type Desc: Soil  
 Media Status Desc: Suspected  
 Affected Media: Soil  
 Affected 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  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING S&CS ELECTRONIC MANUFACTURING FACILITY (Continued)**

**1000257103**

UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 73142589  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.538161000000002  
 Longitude: -122.305345  
 Lat/Long: 47.538161000000002 / -122.305345  
 Lat/Long (dms): 47 32 17.379999999999999 / 122 18 19.240000000000002  
 Media ID: 8073  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: Ground Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING S&CS ELECTRONIC MANUFACTURING FACILITY (Continued)**

**1000257103**

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**RCRAInfo:**

Owner: BOEING CO  
 425865-2400  
 EPA ID: WAD980980270  
 Contact: Not reported  
 Classification: Large Quantity Generator  
 TSD Activities: Not reported

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 2005

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D008	5.00	D028	22264.48
D043	28264.48	F001	28264.48

Violation Status: No violations found

**UST:**

Facility ID: 73142589  
 Site ID: 10416  
**Status: Exempt**  
 Tank Name: PL 202  
 Install Date: 12/31/1964 00:00:00  
 Capacity: Not reported  
 Compartment #: 1  
 Substance: Heating Fuel  
 Ecology Region: North Western  
 Tank ID: 30016  
 Compartment ID: 30438  
 Decimal Latitude: 47.538161000000002  
 Decimal Longitude: -122.305345

Facility ID: 73142589  
 Site ID: 10416  
**Status: Removed**  
 Tank Name: PL 203  
 Install Date: 12/31/1964 00:00:00



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING S&CS ELECTRONIC MANUFACTURING FACILITY (Continued)**

**1000257103**

Capacity: Not reported  
 Compartment #: 1  
 Substance: Heating Fuel  
 Ecology Region: North Western  
 Tank ID: 30146  
 Compartment ID: 30571  
 Decimal Latitude: 47.538161000000002  
 Decimal Longitude: -122.305345

**WA MANIFEST:**

Facility Site ID Number: 73142589  
 Permit by Rule: No  
 Treatment by Generator: No  
 Mixed radioactive waste: No  
 Importer of hazardous waste: No  
 Immediate recycler: No  
 Treatment/Storage/Disposal/Recycling Facility: No  
 Generator of dangerous fuel waste: No  
 Generator marketing to burner: No  
 "Other marketers (i.e., blender, distributor, etc.)": No  
 Utility boiler burner: No  
 Industry boiler burner: No  
 Industrial Furnace: No  
 Smelter deferral: No  
 Universal waste - batteries - generate: No  
 Universal waste - thermostats - generate: No  
 Universal waste - mercury - generate: No  
 Universal waste - lamps - generate: No  
 Universal waste - batteries - accumulate: No  
 Universal waste - thermostats - accumulate: No  
 Universal waste - mercury - accumulate: No  
 Universal waste - lamps - accumulate: No  
 Destination Facility for Universal Waste: No  
 Off-specification used oil burner - utility boiler: No  
 Off-specification used oil burner - industrial boiler: No  
 Off-specification used oil burner - industrial furnace: No  
 EPA ID: WAD980980270  
 Facility Address 2: Not reported  
 TAX REG NBR: 910425694  
 NAICS CD: 336411  
 BUSINESS TYPE: Not reported  
 MAIL NAME: The Boeing Company  
 MAIL ADDR LINE1: PO BOX 3707 MS 46-23  
 MAIL CITY,ST,ZIP: SEATTLE, WA 98124-2207  
 MAIL COUNTRY: UNITED STATES  
 LEGAL ORG NAME: The Boeing Co  
 LEGAL ORG TYPE: Private  
 LEGAL ADDR LINE1: Office of the General Council  
 LEGAL ADDR LINE2: 100 N Riverside  
 LEGAL CITY,ST,ZIP: Chicago, IL 60606-1596  
 LEGAL COUNTRY: UNITED STATES  
 LEGAL PHONE NBR: (312)544-2800  
 LEGAL EFFECTIVE DATE: 7/30/1996  
 LAND ORG NAME: King County International Airport  
 LAND ORG TYPE: County  
 LAND PERSON NAME: Pat Terrell  
 LAND ADDR LINE1: PO BOX 80245

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING S&CS ELECTRONIC MANUFACTURING FACILITY (Continued)**

**1000257103**

LAND CITY,ST,ZIP: SEATTLE, WA 98108-0245  
 LAND COUNTRY: UNITED STATES  
 LAND PHONE NBR: (206)296-7380  
 OPERATOR ORG NAME: Boeing IDS Seattle Site  
 OPERATOR ORG TYPE: Private  
 OPERATOR ADDR LINE1: PO Box 3707 MS 80-RX  
 OPERATOR CITY,ST,ZIP: SEATTLE, WA 98124-2207  
 OPERATOR COUNTRY: UNITED STATES  
 OPERATOR PHONE NBR: (253)657-3065  
 OPERATOR EFFECTIVE DATE: 7/30/1996  
 SITE CONTACT NAME: Eric S Vetter  
 SITE CONTACT ADDR LINE1: PO BOX 3707 MC 46-23  
 SITE CONTACT ZIP: SEATTLE, WA 98124-2207  
 SITE CONTACT COUNTRY: UNITED STATES  
 SITE CONTACT PHONE NBR: (206)544-1230  
 SITE CONTACT EMAIL: eric.s.vetter@boeing.com  
 FORM CONTACT NAME: Nancy L Ballew  
 FORM CONTACT ADDR LINE1: PO BOX 3707 MC 46-23  
 FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98124-2207  
 FORM CONTACT COUNTRY: UNITED STATES  
 FORM CONTACT PHONE NBR: (206)544-0205  
 FORM CONTACT EMAIL: nancy.l.ballew@boeing.com  
 GEN STATUS CD: LQG  
 MONTHLY GENERATION: Yes  
 BATCH GENERATION: No  
 ONE TIME GENERATION: No  
 TRANSPORTS OWN WASTE: No  
 TRANSPORTS OTHRS WASTE: No  
 RECYCLER ONSITE: No  
 TRANSFER FACILITY: No  
 OTHER EXEMPTION: Not reported  
 UW BATTERY GEN: No  
 USED OIL TRANSPORTER: No  
 USED OIL TRANSFER FACILITY: No  
 USED OIL PROCESSOR: No  
 USED OIL REREFINER: No  
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: No  
 USED OIL FUEL MRKTR MEETS SPECS: No  
  
 Facility Site ID Number: 73142589  
 Permit by Rule: FALSE  
 Treatment by Generator: FALSE  
 Mixed radioactive waste: FALSE  
 Importer of hazardous waste: FALSE  
 Immediate recycler: FALSE  
 Treatment/Storage/Disposal/Recycling Facility: FALSE  
 Generator of dangerous fuel waste: FALSE  
 Generator marketing to burner: FALSE  
 "Other marketers (i.e., blender, distributor, etc.)": FALSE  
 Utility boiler burner: FALSE  
 Industry boiler burner: FALSE  
 Industrial Furnace: FALSE  
 Smelter deferral: FALSE  
 Universal waste - batteries - generate: FALSE  
 Universal waste - thermostats - generate: FALSE  
 Universal waste - mercury - generate: FALSE  
 Universal waste - lamps - generate: FALSE

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BOEING S&CS ELECTRONIC MANUFACTURING FACILITY (Continued)**

**1000257103**

Universal waste - batteries - accumulate: FALSE  
Universal waste - thermostats - accumulate: FALSE  
Universal waste - mercury - accumulate: FALSE  
Universal waste - lamps - accumulate: FALSE  
Destination Facility for Universal Waste: FALSE  
Off-specification used oil burner - utility boiler: FALSE  
Off-specification used oil burner - industrial boiler: FALSE  
Off-specification used oil burner - industrial furnace: FALSE  
EPA ID: WAD980980270  
Facility Address 2: Not reported  
TAX REG NBR: 910425694  
NAICS CD: 336411  
BUSINESS TYPE: Not reported  
MAIL NAME: The Boeing Company  
MAIL ADDR LINE1: PO BOX 3707 MS 46-23  
MAIL CITY,ST,ZIP: SEATTLE, WA 98124-2207  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: The Boeing Co  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: Office of the General Council  
LEGAL ADDR LINE2: 100 N Riverside  
LEGAL CITY,ST,ZIP: Chicago, IL 60606-1596  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: (312)544-2800  
LEGAL EFFECTIVE DATE: 7/30/1996  
LAND ORG NAME: King County International Airport  
LAND ORG TYPE: County  
LAND PERSON NAME: Pat Terrell  
LAND ADDR LINE1: PO BOX 80245  
LAND CITY,ST,ZIP: SEATTLE, WA 98108-0245  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (206)296-7380  
OPERATOR ORG NAME: Boeing IDS Seattle Site  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: PO Box 3707 MS 80-RX  
OPERATOR CITY,ST,ZIP: SEATTLE, WA 98124-2207  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: (253)657-3065  
OPERATOR EFFECTIVE DATE: 7/30/1996  
SITE CONTACT NAME: Eric S Vetter  
SITE CONTACT ADDR LINE1: PO BOX 3707 MC 46-23  
SITE CONTACT ZIP: SEATTLE, WA 98124-2207  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: (206)544-1230  
SITE CONTACT EMAIL: eric.s.vetter@boeing.com  
FORM CONTACT NAME: Nancy L Ballew  
FORM CONTACT ADDR LINE1: PO BOX 3707 MC 46-23  
FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98124-2207  
FORM CONTACT COUNTRY: UNITED STATES  
FORM CONTACT PHONE NBR: (206)544-0205  
FORM CONTACT EMAIL: nancy.l.ballew@boeing.com  
GEN STATUS CD: LQG  
MONTHLY GENERATION: FALSE  
BATCH GENERATION: TRUE  
ONE TIME GENERATION: FALSE  
TRANSPORTS OWN WASTE: FALSE  
TRANSPORTS OTHERS WASTE: FALSE

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING S&CS ELECTRONIC MANUFACTURING FACILITY (Continued)**

**1000257103**

RECYCLER ONSITE: FALSE  
 TRANSFER FACILITY: FALSE  
 OTHER EXEMPTION: Not reported  
 UW BATTERY GEN: FALSE  
 USED OIL TRANSPORTER: FALSE  
 USED OIL TRANSFER FACILITY: FALSE  
 USED OIL PROCESSOR: FALSE  
 USED OIL REREFINER: FALSE  
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE  
 USED OIL FUEL MRKTR MEETS SPECS: FALSE

**S71**  
**North**  
**1/2-1**  
**4176 ft.**

**BOEING ELECTRONIC MFG**  
**7300 PERIMETER RD S**  
**SEATTLE, WA 98108**

**CSCSL S104971190**  
**N/A**

**Site 2 of 2 in cluster S**

**Relative:**  
**Higher**

**CSCSL:**

**Actual:**  
**23 ft.**

Facility ID: 63879778  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.535380000000004  
 Longitude: -122.30124000000001  
 Lat/Long: 47.535380000000004 / -122.30124000000001  
 Lat/Long (dms): 47 32 7.368000000000003 / 122 18 4.4640000000000004  
 Media ID: 7601  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

72  
 NNW  
 1/2-1  
 4207 ft.

**BOEING NORTH FIELD**  
**7370 E MARGINAL WAY S**  
**SEATTLE, WA 98108**

**CSCSL S102363853**  
**N/A**

**Relative:**  
**Lower**

CSCSL:

**Actual:**  
**7 ft.**

Facility ID: 2050  
 warm\_bin\_n: 5  
 Prog plan code: Not reported  
 Latitude: 47.540933000000003  
 Longitude: -122.313383  
 Lat/Long: 47.540933000000003 / -122.313383  
 Lat/Long (dms): 47 32 27.3588000000092 / 122 18 48.178800000006298  
 Media ID: 2530  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: Ground Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Confirmed above MTCA cleanup levels  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Suspected to be present  
 Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant medals: Suspected to be present  
 Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Confirmed above MTCA cleanup levels  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2050  
 warm\_bin\_n: 5  
 Prog plan code: Not reported  
 Latitude: 47.540933000000003  
 Longitude: -122.313383  
 Lat/Long: 47.540933000000003 / -122.313383  
 Lat/Long (dms): 47 32 27.3588000000092 / 122 18 48.178800000006298  
 Media ID: 2531  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**BOEING NORTH FIELD (Continued)**

**S102363853**

Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Confirmed above MTCA cleanup levels  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Suspected to be present  
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: C  
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
Metals - Other non-priority pollutant medals: Suspected to be present  
Polychlorinated biPhenyls (PCBs): Suspected to be present  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Confirmed above MTCA cleanup levels  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2050  
warm\_bin\_n: 5  
Prog plan code: Not reported  
Latitude: 47.540933000000003  
Longitude: -122.313383  
Lat/Long: 47.540933000000003 / -122.313383  
Lat/Long (dms): 47 32 27.3588000000092 / 122 18 48.178800000006298  
Media ID: 2532  
Media Type Desc: Sediment  
Media Status Desc: Confirmed  
Affected Media: Sediments  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Confirmed above MTCA cleanup levels  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Suspected to be present  
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: C  
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
Metals - Other non-priority pollutant medals: Suspected to be present  
Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**BOEING NORTH FIELD (Continued)**

**S102363853**

Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Confirmed above MTCA cleanup levels  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2050  
 warm\_bin\_n: 5  
 Prog plan code: Not reported  
 Latitude: 47.540933000000003  
 Longitude: -122.313383  
 Lat/Long: 47.540933000000003 / -122.313383  
 Lat/Long (dms): 47 32 27.3588000000092 / 122 18 48.178800000006298  
 Media ID: 2533  
 Media Type Desc: Surface Water  
 Media Status Desc: Suspected  
 Affected Media: Surface Water  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Suspected to be present

Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Suspected to be present  
 Polychlorinated biPhenyls (PCBs): Suspected to be present  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Suspected to be present  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

73  
 North  
 1/2-1  
 4213 ft.

**AIR NATIONAL**  
**7277 PERIMETER RD S 215 MAIN T**  
**SEATTLE, WA 98108**

**RCRA-SQG** 1000455946  
**CSCSL** WAD988475570  
**FINDS**

**Relative:**  
**Higher**

RCRAInfo:

Owner: AIR NATIONAL  
 EPA ID: WAD988475570

**Actual:**  
**23 ft.**

Contact: MICKELA SCHER  
 (206) 763-6920

Classification: Small Quantity Generator  
 TSDF Activities: Not reported

Violation Status: No violations found

CSCSL:

Facility ID: 59377658  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.543259999999997  
 Longitude: -122.31491  
 Lat/Long: 47.543259999999997 / -122.31491  
 Lat/Long (dms): 47 32 35.730000000000004 / 122 18 53.670000000000002  
 Media ID: 8445  
 Media Type Desc: Soil  
 Media Status Desc: Suspected  
 Affected Media: Soil  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported

Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**AIR NATIONAL (Continued)**

**1000455946**

Facility ID: 59377658  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 47.543259999999997  
Longitude: -122.31491  
Lat/Long: 47.543259999999997 / -122.31491  
Lat/Long (dms): 47 32 35.730000000000004 / 122 18 53.670000000000002  
Media ID: 8444  
Media Type Desc: Groundwater  
Media Status Desc: Suspected  
Affected Media: Ground Water  
Affected 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  
  
Pesticides: Not reported  
Petroleum Products: Suspected to be present  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported  
Non-Halogenated Solvents: Suspected to be present  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**AIR NATIONAL (Continued)**

EDR ID Number  
 EPA ID Number

**1000455946**

interest to the departments Air Quality, Dam Safety, Hazardous Waste,  
 Toxics Cleanup, and Water Quality Programs.

**74  
 NW  
 1/2-1  
 4230 ft.**

**DUWAMISH RIVER SLIP 4  
 SLIP 4 DUWAMISH RIVER  
 SEATTLE, WA 98108**

**RCRA-SQG 1000199782  
 CSCSL WAD980977029  
 FINDS**

**Relative:  
 Lower**

RCRAInfo:  
 Owner: WA ECY  
 EPA ID: WAD980977029

**Actual:  
 3 ft.**

Contact: GARY BRUGGER  
 (425) 885-1900

Classification: Small Quantity Generator  
 TSDF Activities: Not reported

Violation Status: No violations found

**CSCSL:**

Facility ID:	29959714	
warm_bin_n:	Not reported	
Prog plan code:	Not reported	
Latitude:	47.535558000000002	
Longitude:	-122.319672	
Lat/Long:	47.535558000000002 / -122.319672	
Lat/Long (dms):	47 32 8.008800000063193 / 122 19 10.8191999999895	
Media ID:	5589	
Media Type Desc:	Sediment	
Media Status Desc:	Confirmed	
Affected Media:	Sediments	
Affected Media Status:	C	
Pesticides:	Not reported	
Petroleum Products:	Not reported	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:	Not reported	
Base/Neutral/Acid Organics:	Confirmed above MTCA cleanup levels	
Halogenated Organic Compounds:	Not reported	
EPA Priority Pollutants - Metals and Cyanide:	Not reported	
Metals - Other non-priority pollutant medals:	Not reported	
Polychlorinated biPhenyls (PCBs):	Confirmed above MTCA cleanup levels	
Polynuclear Aromatic Hydrocarbons (PAH):	Confirmed above MTCA cleanup levels	
Conventional Contaminants, Organic:	Not reported	
Conventional Contaminants, Inorganic:	Not reported	
Tibutyl Tin Contaminant Group:	Not reported	
Bioassay/Benthic Failures Contaminant Group:	Not reported	
Wood Debris Contaminant Group:	Not reported	
Other Deleterious Substance Group:	Not reported	

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**DUWAMISH RIVER SLIP 4 (Continued)**

**1000199782**

Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**75**  
**South**  
**1/2-1**  
**4312 ft.**

**MOIMOI PROPERTY**  
**10118 DES MOINES MEMORIAL DR S**  
**SEATTLE, WA 98168**

**CSCSL 1007062511**  
**FINDS 110015390502**  
**BROWNFIELDS**

**Relative:**  
**Higher**

**CSCSL:**

Facility ID:	95231135	
warm_bin_n:	5	
Prog plan code:	Not reported	
Latitude:	47.512239999999998	
Longitude:	-122.30844999999999	
Lat/Long:	47.512239999999998 / -122.30844999999999	
Lat/Long (dms):	47 30 44 / 122 18 30	
Media ID:	7151	
Media Type Desc:	Groundwater	
Media Status Desc:	Suspected	
Affected Media:	Ground Water	
Affected 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	
Pesticides:	Not reported	
Petroleum Products:	Suspected to be present	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Not reported
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

MOIMOI PROPERTY (Continued)

1007062511

EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 95231135  
warm\_bin\_n: 5  
Prog plan code: Not reported  
Latitude: 47.512239999999998  
Longitude: -122.30844999999999  
Lat/Long: 47.512239999999998 / -122.30844999999999  
Lat/Long (dms): 47 30 44 / 122 18 30  
Media ID: 5748  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: Soil  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Not reported  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: Not reported  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported

Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Not reported  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Not reported  
Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Suspected to be present  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
Independent Site Status (independent cleanup): Not reported

FINDS:

Other Pertinent Environmental Activity Identified at Site

WA-DOEFSSIS (Washington - Department Of Ecology Facility / Site

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**MOIMOI PROPERTY (Continued)**

**1007062511**

Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**BROWNFIELDS:**

Facility ID: 95231135  
 Site Stat Code: 2

Facility ID: 95231135  
 Site Stat Code: 2

**76  
 WNW  
 1/2-1  
 4499 ft.**

**INTERSTATE COATINGS  
 754 S CHICAGO  
 SEATTLE, WA 98108**

**RCRA-SQG 1000697065  
 CSCSL WAD988507430  
 FINDS  
 BROWNFIELDS  
 ICR**

**Relative:  
 Lower**

RCRAInfo:  
 Owner: INTERSTATE COATINGS  
 (206)762-1320  
 EPA ID: WAD988507430  
 Contact: Not reported  
 Classification: Small Quantity Generator  
 TSD Activities: Not reported

**Actual:  
 9 ft.**

Violation Status: Violations exist

Regulation Violated: 200(1)(c)&(d)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/07/1998  
 Actual Date Achieved Compliance: 12/08/1998

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 12/17/1998  
 Penalty Type: Not reported

Regulation Violated: 180(1)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/07/1998  
 Actual Date Achieved Compliance: 01/19/1999

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 12/17/1998  
 Penalty Type: Not reported

Regulation Violated: 200(1)(b)&630(7)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 12/07/1998  
 Actual Date Achieved Compliance: 12/08/1998

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 12/17/1998  
 Penalty Type: Not reported

Regulation Violated: 200(1)(b)&630(5)(a)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**INTERSTATE COATINGS (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1000697065**

Date Violation Determined: 12/07/1998  
 Actual Date Achieved Compliance: 12/08/1998  
 Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 12/17/1998  
 Penalty Type: Not reported

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	19981208
	GENERATOR-GENERAL REQUIREMENTS	19981208
	GENERATOR-GENERAL REQUIREMENTS	19990119
	GENERATOR-GENERAL REQUIREMENTS	19981208

**CSCSL:**

Facility ID: 2335  
 warm\_bin\_n: 2  
 Prog plan code: Not reported  
 Latitude: 47.532640000000001  
 Longitude: -122.323980000000001  
 Lat/Long: 47.532640000000001 / -122.323980000000001  
 Lat/Long (dms): 47 31 57.5 / 122 19 26.330000000000002  
 Media ID: 3246  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status (independent cleanup): Not reported  
 Facility ID: 2335  
 warm\_bin\_n: 2

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**INTERSTATE COATINGS (Continued)**

**1000697065**

Prog plan code: Not reported  
 Latitude: 47.532640000000001  
 Longitude: -122.323980000000001  
 Lat/Long: 47.532640000000001 / -122.323980000000001  
 Lat/Long (dms): 47 31 57.5 / 122 19 26.330000000000002  
 Media ID: 3247  
 Media Type Desc: Groundwater  
 Media Status Desc: Suspected  
 Affected Media: Ground Water  
 Affected 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  
  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Suspected to be present  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status (independent cleanup): Not reported  
  
 Facility ID: 2335  
 warm\_bin\_n: 2  
 Prog plan code: Not reported  
 Latitude: 47.532640000000001  
 Longitude: -122.323980000000001  
 Lat/Long: 47.532640000000001 / -122.323980000000001  
 Lat/Long (dms): 47 31 57.5 / 122 19 26.330000000000002  
 Media ID: 3248  
 Media Type Desc: Surface Water  
 Media Status Desc: Suspected  
 Affected Media: Surface Water  
 Affected 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  
  
 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

**INTERSTATE COATINGS (Continued)**

**1000697065**

Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Suspected to be present
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		S
EPA Priority Pollutants - Metals and Cyanide:		Suspected to be present
Metals - Other non-priority pollutant medals:		Not reported
Polychlorinated biPhenyls (PCBs):		Not reported
Polynuclear Aromatic Hydrocarbons (PAH):		Not reported
Conventional Contaminants, Organic:		Not reported
Conventional Contaminants, Inorganic:		Not reported
Tibutyl Tin Contaminant Group:		Not reported
Bioassay/Benthic Failures Contaminant Group:		Not reported
Wood Debris Contaminant Group:		Not reported
Other Deleterious Substance Group:		Not reported
Ecology Site Status (MTCA cleanup process):		Ranked, Awaiting Remedial Action (RA)
Independent Site Status (independent cleanup):		Not reported
Facility ID:	2335	
warm_bin_n:	2	
Prog plan code:	Not reported	
Latitude:	47.532640000000001	
Longitude:	-122.323980000000001	
Lat/Long:	47.532640000000001 / -122.323980000000001	
Lat/Long (dms):	47 31 57.5 / 122 19 26.330000000000002	
Media ID:	3249	
Media Type Desc:	Air	
Media Status Desc:	Suspected	
Affected Media:	Air	
Affected 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	
Pesticides:	Not reported	
Petroleum Products:	Suspected to be present	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Suspected to be present
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		S
EPA Priority Pollutants - Metals and Cyanide:		Suspected to be present
Metals - Other non-priority pollutant medals:		Not reported
Polychlorinated biPhenyls (PCBs):		Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

**INTERSTATE COATINGS (Continued)**

**1000697065**

Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
Independent Site Status (independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**BROWNFIELDS:**

Facility ID: 2335  
Site Stat Code: 2

Facility ID: 2335  
Site Stat Code: 2

Facility ID: 2335  
Site Stat Code: 2

Facility ID: 2335  
Site Stat Code: 2

**ICR:**

Date Ecology Received Report: 12/04/1998  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Waste Management: 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

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**77**  
**WSW**  
**1/2-1**  
**4787 ft.**

**ADVANCE ELECTROPLATING**  
**9585 8TH AVE. S.**  
**SEATTLE, WA 98108**

**RCRA-SQG**  
**CSCSL**  
**FINDS**  
**CERC-NFRAP**  
**BROWNFIELDS**  
**HAZNET**

**Relative:**  
**Higher**

**Actual:**  
**30 ft.**

RCRAInfo:

Owner: US EPA  
 (206) 553-2100  
 EPA ID: WAD009278847  
 Contact: TIM BRINCEFIELD  
 (206) 553-2100

Classification: Small Quantity Generator  
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 200(1)(D)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 11/10/1992  
 Actual Date Achieved Compliance: 12/10/1992

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 11/10/1992  
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 04/26/1993  
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 09/23/1993  
 Penalty Type: Not reported

Regulation Violated: 200(1)(C)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 11/10/1992  
 Actual Date Achieved Compliance: 12/10/1992

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 11/10/1992  
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 04/26/1993  
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 09/23/1993  
 Penalty Type: Not reported

Regulation Violated: 630(5)(A)  
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS  
 Date Violation Determined: 11/10/1992  
 Actual Date Achieved Compliance: 12/10/1992

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 11/10/1992  
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 04/26/1993  
 Penalty Type: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**ADVANCE ELECTROPLATING (Continued)**

**1000151495**

Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/23/1993
Penalty Type:	Not reported
Regulation Violated:	350
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	11/10/1992
Actual Date Achieved Compliance:	12/10/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/10/1992
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/26/1993
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/23/1993
Penalty Type:	Not reported
Regulation Violated:	210
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	11/10/1992
Actual Date Achieved Compliance:	12/10/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/10/1992
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/26/1993
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/23/1993
Penalty Type:	Not reported
Regulation Violated:	330
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	11/10/1992
Actual Date Achieved Compliance:	12/10/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/10/1992
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/26/1993
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	09/23/1993
Penalty Type:	Not reported
Regulation Violated:	145
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	11/10/1992
Actual Date Achieved Compliance:	12/10/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/10/1992
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ADVANCE ELECTROPLATING (Continued)**

**1000151495**

Enforcement Action Date: 04/26/1993  
 Penalty Type: Not reported  
 Enforcement Action: WRITTEN INFORMAL  
 Enforcement Action Date: 09/23/1993  
 Penalty Type: Not reported

There are 7 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	19921210
	GENERATOR-GENERAL REQUIREMENTS	19921210
	GENERATOR-GENERAL REQUIREMENTS	19921210
	GENERATOR-GENERAL REQUIREMENTS	19921210
	GENERATOR-GENERAL REQUIREMENTS	19921210
	GENERATOR-GENERAL REQUIREMENTS	19921210
	GENERATOR-GENERAL REQUIREMENTS	19921210

**CSCSL:**

Facility ID: 2079  
 warm\_bin\_n: 5  
 Prog plan code: Not reported  
 Latitude: 47.517119999999998  
 Longitude: -122.32334  
 Lat/Long: 47.517119999999998 / -122.32334  
 Lat/Long (dms): 47 31 1.6300000000000001 / 122 19 24.02  
 Media ID: 2616  
 Media Type Desc: Air  
 Media Status Desc: Suspected  
 Affected Media: Air  
 Affected 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  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ADVANCE ELECTROPLATING (Continued)**

**1000151495**

Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2079  
 warm\_bin\_n: 5  
 Prog plan code: Not reported  
 Latitude: 47.517119999999998  
 Longitude: -122.32334  
 Lat/Long: 47.517119999999998 / -122.32334  
 Lat/Long (dms): 47 31 1.6300000000000001 / 122 19 24.02  
 Media ID: 2613  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: Ground Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Suspected to be present  
 Tertiary Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2079  
 warm\_bin\_n: 5  
 Prog plan code: Not reported  
 Latitude: 47.517119999999998  
 Longitude: -122.32334  
 Lat/Long: 47.517119999999998 / -122.32334  
 Lat/Long (dms): 47 31 1.6300000000000001 / 122 19 24.02  
 Media ID: 2614  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ADVANCE ELECTROPLATING (Continued)**

**1000151495**

Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Suspected to be present  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2079  
 warm\_bin\_n: 5  
 Prog plan code: Not reported  
 Latitude: 47.517119999999998  
 Longitude: -122.32334  
 Lat/Long: 47.517119999999998 / -122.32334  
 Lat/Long (dms): 47 31 1.6300000000000001 / 122 19 24.02  
 Media ID: 2615  
 Media Type Desc: Surface Water  
 Media Status Desc: Suspected  
 Affected Media: Surface Water  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant medals: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ADVANCE ELECTROPLATING (Continued)**

**1000151495**

Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Confirmed above MTCA cleanup levels  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2079  
 warm\_bin\_n: 5  
 Prog plan code: Not reported  
 Latitude: 47.517119999999998  
 Longitude: -122.32334  
 Lat/Long: 47.517119999999998 / -122.32334  
 Lat/Long (dms): 47 31 1.6300000000000001 / 122 19 24.02  
 Media ID: 2617  
 Media Type Desc: Sediment  
 Media Status Desc: Suspected  
 Affected Media: Sediments  
 Affected 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

Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Suspected to be present  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Suspected to be present  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status (independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

TRIS (Toxics Release Inventory System) contains information from

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**ADVANCE ELECTROPLATING (Continued)**

**1000151495**

facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**TARGETED BROWNSFIELDS ASSESSMENTS**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

**CERC-NFRAP:**

Site ID: 1000653  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: Referred to Removal - NFRAP

Site Description: Not reported

**CERCLIS-NFRAP Assessment History:**

Action: DISCOVERY  
Date Started: Not reported  
Date Completed: 01/01/1983  
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
Date Started: 04/16/1985  
Date Completed: 05/07/1985  
Priority Level: High

Action: ARCHIVE SITE



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**ADVANCE ELECTROPLATING (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

1000151495

Date Started: Not reported  
Date Completed: 06/30/1986  
Priority Level: Not reported

Action: SITE INSPECTION  
Date Started: 06/05/1986  
Date Completed: 06/30/1986  
Priority Level: Referred to Removal, no further Remedial

Action: NON-NATIONAL PRIORITIES LIST POTENTIALLY RESPONSIBLE PARTY SEARCH  
Date Started: 05/05/1995  
Date Completed: 12/21/1995  
Priority Level: Search Complete, No Viable PRPs

Action: Lodged By DOJ  
Date Started: Not reported  
Date Completed: 02/01/1996  
Priority Level: Not reported

Action: REMOVAL  
Date Started: 06/26/1995  
Date Completed: 04/05/1996  
Priority Level: Cleaned up

Action: CONSENT DECREE  
Date Started: 12/21/1995  
Date Completed: 04/29/1996  
Priority Level: Not reported

**BROWNFIELDS:**

Facility ID: 2079  
Site Stat Code: 2

Facility ID: 2079  
Site Stat Code: 2

Facility ID: 2079  
Site Stat Code: 2

Facility ID: 2079  
Site Stat Code: 2

Facility ID: 2079  
Site Stat Code: 2

**HAZNET:**

Gepaid: WAD009278847  
Contact: T BOYD COLEMAN  
Telephone: 2067622390  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 9585 8TH AVE S  
Mailing City,St,Zip: SEATTLE, WA 981084911  
Gen County: 99  
TSD EPA ID: CAD050806850  
TSD County: Los Angeles

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**ADVANCE ELECTROPLATING (Continued)**

EDR ID Number  
EPA ID Number

Database(s)

Site

1000151495

Waste Category: Not reported  
Disposal Method: Recycler  
Tons: .2750  
Facility County: 99

Gepaid: WAD009278847  
Contact: T BOYD COLEMAN  
Telephone: 2067622390  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 9585 8TH AVE S  
Mailing City,St,Zip: SEATTLE, WA 981084911  
Gen County: 99  
TSD EPA ID: CAD050806850  
TSD County: Los Angeles  
Waste Category: Liquids with pH <UN-> 2  
Disposal Method: Transfer Station  
Tons: 33.7120  
Facility County: 99

Gepaid: WAD009278847  
Contact: T BOYD COLEMAN  
Telephone: 2067622390  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 9585 8TH AVE S  
Mailing City,St,Zip: SEATTLE, WA 981084911  
Gen County: 99  
TSD EPA ID: CAD050806850  
TSD County: Los Angeles  
Waste Category: Not reported  
Disposal Method: Transfer Station  
Tons: .1420  
Facility County: 99

Gepaid: WAD009278847  
Contact: T BOYD COLEMAN  
Telephone: 2067622390  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 9585 8TH AVE S  
Mailing City,St,Zip: SEATTLE, WA 981084911  
Gen County: 99  
TSD EPA ID: CAT000646117  
TSD County: Kings  
Waste Category: Liquids with cyanides > 1000 mg/l  
Disposal Method: Disposal, Other  
Tons: 16.8560  
Facility County: 99

Gepaid: WAD009278847  
Contact: T BOYD COLEMAN  
Telephone: 2067622390  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 9585 8TH AVE S  
Mailing City,St,Zip: SEATTLE, WA 981084911

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ADVANCE ELECTROPLATING (Continued)**

**1000151495**

Gen County: 99  
 TSD EPA ID: CAT080033681  
 TSD County: Los Angeles  
 Waste Category: Liquids with cyanides > 1000 mg/l  
 Disposal Method: Recycler  
 Tons: 1.8000  
 Facility County: 99

[Click this hyperlink](#) while viewing on your computer to access  
 10 additional CA\_HAZNET: record(s) in the EDR Site Report.

**78**  
**SE**  
**1/2-1**  
**4931 ft.**

**ASSOCIATED GROCERS INCORPORATED**  
**3301 SOUTH NORFOLK**  
**SEATTLE, WA 98118**

**RCRA-SQG 1004613325**  
**CSCSL WAD007942535**  
**FINDS**  
**VCP**  
**WA MANIFEST**

**Relative:**  
**Higher**

RCRAInfo:  
 Owner: ASSOCIATED GROCERS KENT  
 EPA ID: WAD007942535  
 Contact: Not reported  
 Classification: Conditionally Exempt Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

**Actual:**  
**16 ft.**

**CSCSL:**

Facility ID: 73338176  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.512340999999999  
 Longitude: -122.29170499999999  
 Lat/Long: 47.512340999999999 / -122.29170499999999  
 Lat/Long (dms): 47 30 44.420000000000002 / 122 17 30.129999999999999  
 Media ID: 8557  
 Media Type Desc: Soil  
 Media Status Desc: Confirmed  
 Affected Media: Soil  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: S  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ASSOCIATED GROCERS INCORPORATED (Continued)**

**1004613325**

Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 73338176  
 warm\_bin\_n: Not reported  
 Prog plan code: 4  
 Latitude: 47.512340999999999  
 Longitude: -122.29170499999999  
 Lat/Long: 47.512340999999999 / -122.29170499999999  
 Lat/Long (dms): 47 30 44.420000000000002 / 122 17 30.129999999999999  
 Media ID: 8556  
 Media Type Desc: Groundwater  
 Media Status Desc: Confirmed  
 Affected Media: Ground Water  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: C  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action  
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**ASSOCIATED GROCERS INCORPORATED (Continued)**

**1004613325**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

VCP:

Facility ID: 73338176  
Ecology Status: Independent Remedial Action  
WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4

Facility ID: 73338176  
Ecology Status: Independent Remedial Action  
WARM BIN #: Not reported  
NFA Code: Not reported  
Program Plan: 4

WA MANIFEST:

Facility Site ID Number: 73338176  
Permit by Rule: No  
Treatment by Generator: No  
Mixed radioactive waste: No  
Importer of hazardous waste: No  
Immediate recycler: No  
Treatment/Storage/Disposal/Recycling Facility: No  
Generator of dangerous fuel waste: No  
Generator marketing to burner: No  
"Other marketers (i.e., blender, distributor, etc.)": No

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

ASSOCIATED GROCERS INCORPORATED (Continued)

1004613325

Utility boiler burner: No  
Industry boiler burner: No  
Industrial Furnace: No  
Smelter defferal: No  
Universal waste - batteries - generate: No  
Universal waste - thermostats - generate: No  
Universal waste - mercury - generate: No  
Universal waste - lamps - generate: No  
Universal waste - batteries - accumulate: No  
Universal waste - thermostats - accumulate: No  
Universal waste - mercury - accumulate: No  
Universal waste - lamps - accumulate: No  
Destination Facility for Universal Waste: No  
Off-specification used oil burner - utility boiler: No  
Off-specification used oil burner - industrial boiler: No  
Off-specification used oil burner - industrial furnace: No  
EPA ID: WAD007942535  
Facility Address 2: Not reported  
TAX REG NBR: 178007798  
NAICS CD: 42441  
BUSINESS TYPE: Not reported  
MAIL NAME: Associated Grocers Inc  
MAIL ADDR LINE1: PO BOX 3763  
MAIL CITY,ST,ZIP: SEATTLE, WA 98124-2263  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: Associated Grocers Inc  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: PO BOX 3763  
LEGAL CITY,ST,ZIP: SEATTLE, WA 98124-2263  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: (206)764-7802  
LEGAL EFFECTIVE DATE: 9/1/2002  
LAND ORG NAME: Associated Grocers Inc  
LAND ORG TYPE: Private  
LAND PERSON NAME: Not reported  
LAND ADDR LINE1: PO BOX 3763  
LAND CITY,ST,ZIP: SEATTLE, WA 98124-2263  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (206)764-7802  
OPERATOR ORG NAME: ASSOCIATED GROCERS  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: PO BOX 3763  
OPERATOR CITY,ST,ZIP: SEATTLE, WA 98124-2263  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: (206)764-7802  
OPERATOR EFFECTIVE DATE: 1/1/1997  
SITE CONTACT NAME: Richard W Newton II  
SITE CONTACT ADDR LINE1: PO BOX 3763  
SITE CONTACT ZIP: SEATTLE, WA 98124-2263  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: (206)764-7802  
SITE CONTACT EMAIL: Not reported  
FORM CONTACT NAME: Richard W Newton II  
FORM CONTACT ADDR LINE1: PO BOX 3763  
FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98124-2263  
FORM CONTACT COUNTRY: UNITED STATES  
FORM CONTACT PHONE NBR: (206)764-7802

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

ASSOCIATED GROCERS INCORPORATED (Continued)

1004613325

FORM CONTACT EMAIL: richard\_newton@agsea.com  
GEN STATUS CD: SQG  
MONTHLY GENERATION: No  
BATCH GENERATION: Yes  
ONE TIME GENERATION: No  
TRANSPORTS OWN WASTE: No  
TRANSPORTS OTHRS WASTE: No  
RECYCLER ONSITE: No  
TRANSFER FACILITY: No  
OTHER EXEMPTION: Not reported  
UW BATTERY GEN: No  
USED OIL TRANSPORTER: No  
USED OIL TRANSFER FACILITY: No  
USED OIL PROCESSOR: No  
USED OIL REREFINER: No  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: No  
USED OIL FUEL MRKTR MEETS SPECS: No

Facility Site ID Number: 73338176  
Permit by Rule: FALSE  
Treatment by Generator: FALSE  
Mixed radioactive waste: FALSE  
Importer of hazardous waste: FALSE  
Immediate recycler: FALSE  
Treatment/Storage/Disposal/Recycling Facility: FALSE  
Generator of dangerous fuel waste: FALSE  
Generator marketing to burner: FALSE  
"Other marketers (i.e., blender, distributor, etc.)": FALSE  
Utility boiler burner: FALSE  
Industry boiler burner: FALSE  
Industrial Furnace: FALSE  
Smelter deferral: FALSE  
Universal waste - batteries - generate: FALSE  
Universal waste - thermostats - generate: FALSE  
Universal waste - mercury - generate: FALSE  
Universal waste - lamps - generate: FALSE  
Universal waste - batteries - accumulate: FALSE  
Universal waste - thermostats - accumulate: FALSE  
Universal waste - mercury - accumulate: FALSE  
Universal waste - lamps - accumulate: FALSE  
Destination Facility for Universal Waste: FALSE  
Off-specification used oil burner - utility boiler: FALSE  
Off-specification used oil burner - industrial boiler: FALSE  
Off-specification used oil burner - industrial furnace: FALSE  
EPA ID: WAD007942535  
Facility Address 2: Not reported  
TAX REG NBR: 178007798  
NAICS CD: 42441  
BUSINESS TYPE: Not reported  
MAIL NAME: Associated Grocers Inc  
MAIL ADDR LINE1: PO BOX 3763  
MAIL CITY,ST,ZIP: SEATTLE, WA 98124-2263  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: Associated Grocers Inc  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: PO BOX 3763  
LEGAL CITY,ST,ZIP: SEATTLE, WA 98124-2263

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**ASSOCIATED GROCERS INCORPORATED (Continued)**

**1004613325**

LEGAL COUNTRY: UNITED STATES  
 LEGAL PHONE NBR: (206)764-7802  
 LEGAL EFFECTIVE DATE: 9/1/2002  
 LAND ORG NAME: Associated Grocers Inc  
 LAND ORG TYPE: Private  
 LAND PERSON NAME: Not reported  
 LAND ADDR LINE1: PO BOX 3763  
 LAND CITY,ST,ZIP: SEATTLE, WA 98124-2263  
 LAND COUNTRY: UNITED STATES  
 LAND PHONE NBR: (206)764-7802  
 OPERATOR ORG NAME: ASSOCIATED GROCERS  
 OPERATOR ORG TYPE: Private  
 OPERATOR ADDR LINE1: PO BOX 3763  
 OPERATOR CITY,ST,ZIP: SEATTLE, WA 98124-2263  
 OPERATOR COUNTRY: UNITED STATES  
 OPERATOR PHONE NBR: (206)764-7802  
 OPERATOR EFFECTIVE DATE: 1/1/1997  
 SITE CONTACT NAME: Charles E Lindsley  
 SITE CONTACT ADDR LINE1: PO BOX 3763  
 SITE CONTACT ZIP: SEATTLE, WA 98124-2263  
 SITE CONTACT COUNTRY: UNITED STATES  
 SITE CONTACT PHONE NBR: (206)764-7802  
 SITE CONTACT EMAIL: Not reported  
 FORM CONTACT NAME: Charles E Lindsley  
 FORM CONTACT ADDR LINE1: PO BOX 3763  
 FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98124-2263  
 FORM CONTACT COUNTRY: UNITED STATES  
 FORM CONTACT PHONE NBR: (206)764-7802  
 FORM CONTACT EMAIL: richard\_newton@agsea.com  
 GEN STATUS CD: SQG  
 MONTHLY GENERATION: FALSE  
 BATCH GENERATION: TRUE  
 ONE TIME GENERATION: FALSE  
 TRANSPORTS OWN WASTE: FALSE  
 TRANSPORTS OTHRS WASTE: FALSE  
 RECYCLER ONSITE: FALSE  
 TRANSFER FACILITY: FALSE  
 OTHER EXEMPTION: Not reported  
 UW BATTERY GEN: FALSE  
 USED OIL TRANSPORTER: FALSE  
 USED OIL TRANSFER FACILITY: FALSE  
 USED OIL PROCESSOR: FALSE  
 USED OIL REREFINER: FALSE  
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE  
 USED OIL FUEL MRKTR MEETS SPECS: FALSE

79  
 WNW  
 1/2-1  
 5001 ft.

**MANITOWAK WESTERN**  
**8250 5TH AVE S**  
**SEATTLE, WA 98108**

**RCRA-SQG 1001092048**  
**CSCSL WAR000006940**  
**FINDS**  
**ICR**

Relative:  
 Higher

Actual:  
 20 ft.



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**MANITOWAK WESTERN (Continued)**

**1001092048**

RCRAInfo:

Owner: MANITOWAK WESTERN  
 (206) 762-9010  
 EPA ID: WAR000006940  
 Contact: Not reported  
 Classification: Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

CSCSL:

Facility ID: 2430  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.528779999999998  
 Longitude: -122.32803  
 Lat/Long: 47.528779999999998 / -122.32803  
 Lat/Long (dms): 47 31 43.609999999999999 / 122 19 40.910000000000004  
 Media ID: 3541  
 Media Type Desc: Groundwater  
 Media Status Desc: Suspected  
 Affected Media: Ground Water  
 Affected 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  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

Facility ID: 2430  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**MANITOWAK WESTERN (Continued)**

EDR ID Number  
 EPA ID Number

Database(s)

**1001092048**

Latitude: 47.528779999999998  
 Longitude: -122.32803  
 Lat/Long: 47.528779999999998 / -122.32803  
 Lat/Long (dms): 47 31 43.609999999999999 / 122 19 40.910000000000004  
 Media ID: 3542  
 Media Type Desc: Soil  
 Media Status Desc: Suspected  
 Affected Media: Soil  
 Affected 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  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant medals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported  
 Tributyl Tin Contaminant Group: Not reported  
 Bioassay/Benthic Failures Contaminant Group: Not reported  
 Wood Debris Contaminant Group: Not reported  
 Other Deleterious Substance Group: Not reported  
 Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status (independent cleanup): Not reported

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

**MANITOWAK WESTERN (Continued)**

EDR ID Number  
 EPA ID Number

**1001092048**

ICR:

Date Ecology Received Report: 12/08/1995  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Soil  
 Waste Management: Not reported  
 Region: North Western  
 Type of Report Ecology Received: Final cleanup report  
 Site Register Issue: 94-22  
 County Code: 17.00000  
 Contact: Not reported  
 Report Title: Not reported

**80  
 NW  
 1/2-1  
 5187 ft.**

**CROWLEY MARINE SERVICES INC 8TH AVE  
 7400 8TH AVE S  
 SEATTLE, WA 98108**

**RCRA-SQG 1001233933  
 CSCSL WAD988470647  
 FINDS  
 WA MANIFEST**

**Relative:  
 Lower**

RCRAInfo:

Owner: 8TH AVE TERMINAL CO  
 (206)443-8100

**Actual:  
 7 ft.**

EPA ID: WAD988470647

Contact: Not reported

Classification: Small Quantity Generator

TSDF Activities: Not reported

Violation Status: No violations found

CSCSL:

Facility ID: 63123962  
 warm\_bin\_n: Not reported  
 Prog plan code: Not reported  
 Latitude: 47.537638999999999  
 Longitude: -122.321338999999999  
 Lat/Long: 47.537638999999999 / -122.321338999999999  
 Lat/Long (dms): 47 32 15.5003999999951 / 122 19 16.820399999980999  
 Media ID: 13282  
 Media Type Desc: Sediment  
 Media Status Desc: Confirmed  
 Affected Media: Sediments  
 Affected Media Status: C  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Responsible Unit: Northwest Region  
 Arsenic Code: Not reported  
 MTBE Code: Not reported  
 UXO Code: Not reported  
 Dioxin: Not reported  
 Non-Halogenated Solvents: Not reported  
 Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**CROWLEY MARINE SERVICES INC 8TH AVE (Continued)**

**1001233933**

Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels  
Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 63123962  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 47.537638999999999  
Longitude: -122.321338999999999  
Lat/Long: 47.537638999999999 / -122.321338999999999  
Lat/Long (dms): 47 32 15.5003999999951 / 122 19 16.8203999999980999  
Media ID: 13281  
Media Type Desc: Soil  
Media Status Desc: Confirmed  
Affected Media: Soil  
Affected Media Status: C  
Pesticides: Not reported  
Petroleum Products: Confirmed above MTCA cleanup levels  
Phenolic Compounds: Suspected to be present  
Reactive Wastes: Not reported  
Corrosive Wastes: Not reported  
Radioactive Wastes: Not reported  
Asbestos: Not reported  
Responsible Unit: Northwest Region  
Arsenic Code: C  
MTBE Code: Not reported  
UXO Code: Not reported  
Dioxin: Not reported

Non-Halogenated Solvents: Not reported  
Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels  
Halogenated Organic Compounds: Not reported  
EPA Priority Pollutants - Metals and Cyanide: Not reported  
Metals - Other non-priority pollutant medals: Not reported  
Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels  
Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
Conventional Contaminants, Organic: Not reported  
Conventional Contaminants, Inorganic: Not reported  
Tibutyl Tin Contaminant Group: Not reported  
Bioassay/Benthic Failures Contaminant Group: Not reported  
Wood Debris Contaminant Group: Not reported  
Other Deleterious Substance Group: Not reported  
Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)  
Independent Site Status (independent cleanup): Not reported

Facility ID: 63123962  
warm\_bin\_n: Not reported  
Prog plan code: Not reported  
Latitude: 47.537638999999999  
Longitude: -122.321338999999999

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**CROWLEY MARINE SERVICES INC 8TH AVE (Continued)**

**1001233933**

Lat/Long:	47.53763899999999 / -122.32133899999999	
Lat/Long (dms):	47 32 15.5003999999951 / 122 19 16.820399999980999	
Media ID:	13280	
Media Type Desc:	Groundwater	
Media Status Desc:	Confirmed	
Affected Media:	Ground Water	
Affected Media Status:	C	
Pesticides:	Not reported	
Petroleum Products:	Not reported	
Phenolic Compounds:	Suspected to be present	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	C	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:	Not reported	
Base/Neutral/Acid Organics:	Confirmed above MTCA cleanup levels	
Halogenated Organic Compounds:	Not reported	
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels	
Metals - Other non-priority pollutant medals:	Not reported	
Polychlorinated biPhenyls (PCBs):	Suspected to be present	
Polynuclear Aromatic Hydrocarbons (PAH):	Confirmed above MTCA cleanup levels	
Conventional Contaminants, Organic:	Not reported	
Conventional Contaminants, Inorganic:	Not reported	
Tibutyl Tin Contaminant Group:	Not reported	
Bioassay/Benthic Failures Contaminant Group:	Not reported	
Wood Debris Contaminant Group:	Not reported	
Other Deleterious Substance Group:	Not reported	
Ecology Site Status (MTCA cleanup process):	Awaiting Site Hazard Assessment (SHA)	
Independent Site Status (independent cleanup):	Not reported	

**FINDS:**

Other Pertinent Environmental Activity Identified at Site

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**WA MANIFEST:**

Facility Site ID Number: 63123962

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**CROWLEY MARINE SERVICES INC 8TH AVE (Continued)**

**1001233933**

Permit by Rule: FALSE  
Treatment by Generator: FALSE  
Mixed radioactive waste: FALSE  
Importer of hazardous waste: FALSE  
Immediate recycler: FALSE  
Treatment/Storage/Disposal/Recycling Facility: FALSE  
Generator of dangerous fuel waste: FALSE  
Generator marketing to burner: FALSE  
"Other marketers (i.e., blender, distributor, etc.)": FALSE  
Utility boiler burner: FALSE  
Industry boiler burner: FALSE  
Industrial Furnace: FALSE  
Smelter deferral: FALSE  
Universal waste - batteries - generate: FALSE  
Universal waste - thermostats - generate: FALSE  
Universal waste - mercury - generate: FALSE  
Universal waste - lamps - generate: FALSE  
Universal waste - batteries - accumulate: FALSE  
Universal waste - thermostats - accumulate: FALSE  
Universal waste - mercury - accumulate: FALSE  
Universal waste - lamps - accumulate: FALSE  
Destination Facility for Universal Waste: FALSE  
Off-specification used oil burner - utility boiler: FALSE  
Off-specification used oil burner - industrial boiler: FALSE  
Off-specification used oil burner - industrial furnace: FALSE  
EPA ID: WAD988470647  
Facility Address 2: Not reported  
TAX REG NBR: 113677396  
NAICS CD: 483113  
BUSINESS TYPE: Barge Company  
MAIL NAME: Alaska Logistics LLC  
MAIL ADDR LINE1: PO Box 3512  
MAIL CITY,ST,ZIP: Seattle, WA 98124  
MAIL COUNTRY: UNITED STATES  
LEGAL ORG NAME: Not reported  
LEGAL ORG TYPE: Private  
LEGAL ADDR LINE1: PO Box 3512  
LEGAL CITY,ST,ZIP: Seattle, WA 98124  
LEGAL COUNTRY: UNITED STATES  
LEGAL PHONE NBR: (206)767-2555  
LEGAL EFFECTIVE DATE: 2/1/2003  
LAND ORG NAME: Crowles Marine Services  
LAND ORG TYPE: Private  
LAND PERSON NAME: Not reported  
LAND ADDR LINE1: PO Box 2287  
LAND CITY,ST,ZIP: Seattle, WA 98111  
LAND COUNTRY: UNITED STATES  
LAND PHONE NBR: (206)332-8000  
OPERATOR ORG NAME: Alaska Logistics LLC  
OPERATOR ORG TYPE: Private  
OPERATOR ADDR LINE1: PO Box 3512  
OPERATOR CITY,ST,ZIP: Seattle, WA 98124  
OPERATOR COUNTRY: UNITED STATES  
OPERATOR PHONE NBR: (206)767-2555  
OPERATOR EFFECTIVE DATE: 2/1/2003  
SITE CONTACT NAME: Randy Olson & Dolores Haasl-DuBois  
SITE CONTACT ADDR LINE1: PO Box 3512

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**CROWLEY MARINE SERVICES INC 8TH AVE (Continued)**

**1001233933**

SITE CONTACT ZIP: Seattle, WA 98124  
SITE CONTACT COUNTRY: UNITED STATES  
SITE CONTACT PHONE NBR: (206)767-2555  
SITE CONTACT EMAIL: dolores@alaska-logistics.com  
FORM CONTACT NAME: Dolores Haas-DuBois & Randy Olson  
FORM CONTACT ADDR LINE1: PO Box 3512  
FORM CONTACT CITY,ST,ZIP: Seattle, WA 98124  
FORM CONTACT COUNTRY: UNITED STATES  
FORM CONTACT PHONE NBR: (206)767-2555  
FORM CONTACT EMAIL: dolores@alaska-logistics.com  
GEN STATUS CD: XQG  
MONTHLY GENERATION: FALSE  
BATCH GENERATION: FALSE  
ONE TIME GENERATION: FALSE  
TRANSPORTS OWN WASTE: FALSE  
TRANSPORTS OTHRS WASTE: TRUE  
RECYCLER ONSITE: FALSE  
TRANSFER FACILITY: FALSE  
OTHER EXEMPTION: Not reported  
UW BATTERY GEN: FALSE  
USED OIL TRANSPORTER: FALSE  
USED OIL TRANSFER FACILITY: FALSE  
USED OIL PROCESSOR: FALSE  
USED OIL REREFINER: FALSE  
USED OIL FUEL MRKTR DIRECTS SHPMNTS: FALSE  
USED OIL FUEL MRKTR MEETS SPECS: FALSE

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
KING COUNTY	S105806018	FACTORIA PIT (SUNSET RAVINE PARK)	NORTHWEST OF 135TH AVE S.E. AN		SWF/LF
TUKWILA	U003026228	8801 E MARGINAL WAY S	8801 E MARGINAL WAY S	98108	UST
KING COUNTY	S105806023	MCMICKEN HEIGHTS	BETWEEN THE S. 175TH ST. DEAD-		SWF/LF
KING COUNTY	S105806029	RENTON JUNCTION (MONSTER ROAD)	BETWEEN MONSTER ROAD AND THE G		SWF/LF
KING COUNTY	S105806034	BOW LAKE ABANDONED LANDFILL	IMMEDIATELY EAST OF I-5, ACROS		SWF/LF
KING COUNTY	S105806035	CORLISS ABANDONED LANDFILL	IMMEDIATELY WEST OF I-5 BETWEE		SWF/LF
KING COUNTY	S105806037	PUYALLUP/KIT CORNER ABANDONED LAND	IMMEDIATELY EAST OF I-5 JUST S		SWF/LF
KING COUNTY	S108107942	WASTE MOBILE COLLECTIONS	MOVES LOCATIONS (SEE COMMENT F		SWF/LF
KING COUNTY	S105806011	AUBURN (M & R STREET SITE)	NORTHWEST OF R STREET AND 25TH		SWF/LF
KING COUNTY	S105806012	AUBURN (ROTARY PARK SITE)	NORTHWEST OF 27TH STREET S.E.		SWF/LF
KING COUNTY	S105806013	BOW LAKE	NORTHEAST OF S. 188TH ST. AND		SWF/LF
KING COUNTY	S105806014	CARTON & BORTH	NORTHWEST OF 71ST AVE. N.E. AN		SWF/LF
KING COUNTY	S105806015	CORLISS LANDFILL	NORTHEAST OF CORLISS AVE. N. A		SWF/LF
KING COUNTY	S105806016	EASTGATE ABANDONED LANDFILL	NORTHEAST OF 156TH AVE. S.E. A		SWF/LF
KING COUNTY	S105806017	ENUMCLAW	SOUTHEAST OF 284TH AVE. S.E. A		SWF/LF
KING COUNTY	S105806020	H.H. OLESON	NORTHEAST OF N.E. 172ND ST. AN		SWF/LF
KING COUNTY	S105806021	HOUGHTON	NORTHWEST OF N.E. 60TH ST. AND		SWF/LF
KING COUNTY	S105806022	KENT ABANDONED LANDFILL (MILL CREE	NORTHEAST OF MAPLE ST. AND TIL		SWF/LF
KING COUNTY	S105806024	NORTH BEND	WEST OF THE MIDDLE FORK ROAD,		SWF/LF
KING COUNTY	S105806025	PACIFIC CITY	SOUTH OF 3RD AVE. S.E. AT THE		SWF/LF



## EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D003	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
D004	ARSENIC
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D010	SELENIUM
D011	SILVER
D018	BENZENE
D028	1,2-DICHLOROETHANE
D035	METHYL ETHYL KETONE
D043	VINYL CHLORIDE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND

## EPA Waste Codes Addendum

Code	Description
	STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F006	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
K061	EMISSION CONTROL DUST/SLUDGE FROM THE PRIMARY PRODUCTION OF STEEL IN ELECTRIC FURNACES.
P106	SODIUM CYANIDE
P106	SODIUM CYANIDE NA(CN)
U108	1,4-DIETHYLENEOXIDE
U108	1,4-DIOXANE
U228	ETHENE, TRICHLORO-
U228	TRICHLOROETHYLENE

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## **FEDERAL RECORDS**

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

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

Date of Government Version: 07/18/2007	Source: EPA
Date Data Arrived at EDR: 08/03/2007	Telephone: N/A
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 07/31/2007
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/29/2007
	Data Release Frequency: Quarterly

### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 08/09/2007	Source: EPA
Date Data Arrived at EDR: 09/05/2007	Telephone: N/A
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 08/31/2007
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/29/2007
	Data Release Frequency: Quarterly

### **DELISTED NPL: National Priority List Deletions**

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

Date of Government Version: 08/27/2007	Source: EPA
Date Data Arrived at EDR: 08/29/2007	Telephone: N/A
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 08/29/2007
Number of Days to Update: 43	Next Scheduled EDR Contact: 10/29/2007
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **NPL LIENS:** Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 11/15/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 04/23/2007	Source: EPA
Date Data Arrived at EDR: 06/20/2007	Telephone: 703-412-9810
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 12/06/2007
Number of Days to Update: 70	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: Quarterly

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

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/21/2007	Source: EPA
Date Data Arrived at EDR: 07/23/2007	Telephone: 703-412-9810
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 12/06/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: Quarterly

## **CORRACTS:** Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/26/2007	Source: EPA
Date Data Arrived at EDR: 08/08/2007	Telephone: 800-424-9346
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 12/03/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/03/2008
	Data Release Frequency: Quarterly

## **RCRA:** Resource Conservation and Recovery Act Information

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database 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 per month. Transporters are individuals or entities that move 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.

Date of Government Version: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: (206) 553-1200
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 10/16/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Quarterly

## **ERNS:** Emergency Response Notification System

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

Date of Government Version: 12/31/2006	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/24/2007	Telephone: 202-267-2180
Date Made Active in Reports: 03/12/2007	Last EDR Contact: 10/19/2007
Number of Days to Update: 47	Next Scheduled EDR Contact: 01/21/2008
	Data Release Frequency: Annually

## **HMIRS:** Hazardous Materials Information Reporting System

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

Date of Government Version: 07/02/2007	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 07/18/2007	Telephone: 202-366-4555
Date Made Active in Reports: 09/18/2007	Last EDR Contact: 10/16/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Annually

## **US ENG CONTROLS:** Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/16/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/03/2007	Telephone: 703-603-8905
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/16/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Varies

## **US INST CONTROL:** Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/16/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/03/2007	Telephone: 703-603-8905
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/16/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **DOD:** Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/09/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 02/04/2008
	Data Release Frequency: Semi-Annually

## **FUDS:** Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2006	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/31/2007	Telephone: 202-528-4285
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 10/01/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Varies

## **US BROWNFIELDS:** A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients--States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/20/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/09/2007	Telephone: 202-566-2777
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 12/13/2007
Number of Days to Update: 51	Next Scheduled EDR Contact: 03/10/2008
	Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 04/13/2007	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 07/16/2007	Telephone: Varies
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 09/21/2007
Number of Days to Update: 44	Next Scheduled EDR Contact: 01/21/2008
	Data Release Frequency: Varies

## **ROD:** Records Of Decision

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

Date of Government Version: 06/08/2007	Source: EPA
Date Data Arrived at EDR: 07/03/2007	Telephone: 703-416-0223
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 11/08/2007
Number of Days to Update: 57	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **UMTRA:** Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/08/2006	Telephone: 505-845-0011
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: Varies

## **ODI:** Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 12/31/2005	Source: EPA
Date Data Arrived at EDR: 04/27/2007	Telephone: 202-566-0250
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 12/18/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: Annually

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

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

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 11/14/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Every 4 Years

## **FTTS:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

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). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/06/2007	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 07/20/2007	Telephone: 202-566-1667
Date Made Active in Reports: 09/18/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 60	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: Quarterly

## **FTTS INSP:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 07/06/2007	Source: EPA
Date Data Arrived at EDR: 07/20/2007	Telephone: 202-566-1667
Date Made Active in Reports: 09/18/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 60	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **SSTS:** Section 7 Tracking Systems

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.

Date of Government Version: 12/31/2005	Source: EPA
Date Data Arrived at EDR: 03/13/2007	Telephone: 202-564-4203
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 10/15/2007
Number of Days to Update: 45	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Annually

## **HIST FTTS:** FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## **DOT OPS:** Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 08/14/2007	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/29/2007	Telephone: 202-366-4595
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/29/2007
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/25/2008
	Data Release Frequency: Varies

## **DEBRIS REGION 9:** Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 07/25/2007	Source: EPA, Region 9
Date Data Arrived at EDR: 07/31/2007	Telephone: 415-972-3336
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 09/24/2007
Number of Days to Update: 72	Next Scheduled EDR Contact: 12/24/2007
	Data Release Frequency: Varies

## **ICIS:** Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/27/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/13/2007	Telephone: 202-564-5088
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 10/15/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Quarterly

## **CDL:** Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/01/2006  
Date Data Arrived at EDR: 01/08/2007  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 3

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 10/02/2007  
Next Scheduled EDR Contact: 12/24/2007  
Data Release Frequency: Quarterly

## **LUCIS:** Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005  
Date Data Arrived at EDR: 12/11/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 31

Source: Department of the Navy  
Telephone: 843-820-7326  
Last EDR Contact: 12/10/2007  
Next Scheduled EDR Contact: 03/10/2008  
Data Release Frequency: Varies

## **LIENS 2:** CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 03/08/2007  
Date Data Arrived at EDR: 04/12/2007  
Date Made Active in Reports: 05/14/2007  
Number of Days to Update: 32

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 11/15/2007  
Next Scheduled EDR Contact: 02/18/2008  
Data Release Frequency: Varies

## **RADINFO:** Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/31/2007  
Date Data Arrived at EDR: 08/01/2007  
Date Made Active in Reports: 08/29/2007  
Number of Days to Update: 28

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 10/31/2007  
Next Scheduled EDR Contact: 01/28/2008  
Data Release Frequency: Quarterly

## **PADS:** PCB Activity Database System

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

Date of Government Version: 04/12/2007  
Date Data Arrived at EDR: 06/08/2007  
Date Made Active in Reports: 08/29/2007  
Number of Days to Update: 82

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 08/09/2007  
Next Scheduled EDR Contact: 11/05/2007  
Data Release Frequency: Annually

## **MLTS:** Material Licensing Tracking System

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

Date of Government Version: 07/09/2007  
Date Data Arrived at EDR: 07/24/2007  
Date Made Active in Reports: 09/18/2007  
Number of Days to Update: 56

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 10/01/2007  
Next Scheduled EDR Contact: 12/31/2007  
Data Release Frequency: Quarterly

## **MINES:** Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/09/2007  
Date Data Arrived at EDR: 06/28/2007  
Date Made Active in Reports: 08/29/2007  
Number of Days to Update: 62

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 09/26/2007  
Next Scheduled EDR Contact: 12/24/2007  
Data Release Frequency: Semi-Annually

**FINDS:** Facility Index System/Facility Registry System

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

Date of Government Version: 07/19/2007  
Date Data Arrived at EDR: 07/25/2007  
Date Made Active in Reports: 09/18/2007  
Number of Days to Update: 55

Source: EPA  
Telephone: (206) 553-1200  
Last EDR Contact: 10/01/2007  
Next Scheduled EDR Contact: 12/31/2007  
Data Release Frequency: Quarterly

**RAATS:** RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 12/03/2007  
Next Scheduled EDR Contact: 03/03/2008  
Data Release Frequency: No Update Planned

**BRS:** Biennial Reporting System

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

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 03/06/2007  
Date Made Active in Reports: 04/13/2007  
Number of Days to Update: 38

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 12/13/2007  
Next Scheduled EDR Contact: 03/10/2008  
Data Release Frequency: Biennially

**PWS:** Public Water System Data

This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

Date of Government Version: 02/24/2000  
Date Data Arrived at EDR: 04/27/2005  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: EPA  
Telephone: N/A  
Last EDR Contact: 11/15/2007  
Next Scheduled EDR Contact: 02/18/2008  
Data Release Frequency: N/A

**USGS WATER WELLS:** National Water Information System (NWIS)

This database consists of well records in the United States. Available site descriptive information includes well location information (latitude and longitude, well depth, site use, water use, and aquifer).

Date of Government Version: 03/25/2005  
Date Data Arrived at EDR: 03/25/2005  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: USGS  
Telephone: N/A  
Last EDR Contact: 03/25/2005  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: N/A

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STATE AND LOCAL RECORDS

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

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

Date of Government Version: 08/09/2007	Source: Department of Ecology
Date Data Arrived at EDR: 08/15/2007	Telephone: 360-407-7200
Date Made Active in Reports: 09/27/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/11/2008
	Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 08/28/2007	Source: Department of Ecology
Date Data Arrived at EDR: 10/09/2007	Telephone: 360-407-7200
Date Made Active in Reports: 10/30/2007	Last EDR Contact: 12/04/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/03/2008
	Data Release Frequency: Semi-Annually

### **CSCSL NFA:** Confirmed & Contaminated Sites - No Further Action

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.

Date of Government Version: 09/10/2007	Source: Department of Ecology
Date Data Arrived at EDR: 09/12/2007	Telephone: 360-407-7170
Date Made Active in Reports: 09/27/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/11/2008
	Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 10/12/2007	Source: Department of Ecology
Date Data Arrived at EDR: 10/12/2007	Telephone: 360-407-6132
Date Made Active in Reports: 10/30/2007	Last EDR Contact: 10/02/2007
Number of Days to Update: 18	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Annually

### **SWTIRE:** Solid Waste Tire Facilities

This study identified sites statewide with unauthorized accumulations of scrap tires.

Date of Government Version: 11/01/2005	Source: Department of Ecology
Date Data Arrived at EDR: 03/16/2006	Telephone: N/A
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 10/05/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Varies

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/12/2007  
Date Made Active in Reports: 09/27/2007  
Number of Days to Update: 15

Source: Department of Ecology  
Telephone: 360-407-7183  
Last EDR Contact: 12/14/2007  
Next Scheduled EDR Contact: 03/10/2008  
Data Release Frequency: Quarterly

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

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

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/12/2007  
Date Made Active in Reports: 09/24/2007  
Number of Days to Update: 12

Source: Department of Ecology  
Telephone: 360-407-7183  
Last EDR Contact: 12/14/2007  
Next Scheduled EDR Contact: 03/10/2008  
Data Release Frequency: Quarterly

## **AST:** Aboveground Storage Tank Locations

A listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program.

Date of Government Version: 08/27/2007  
Date Data Arrived at EDR: 08/28/2007  
Date Made Active in Reports: 09/24/2007  
Number of Days to Update: 27

Source: Department of Ecology  
Telephone: 360-407-7562  
Last EDR Contact: 12/10/2007  
Next Scheduled EDR Contact: 02/25/2008  
Data Release Frequency: Varies

## **WA MANIFEST:** Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 12/31/2006  
Date Data Arrived at EDR: 05/24/2007  
Date Made Active in Reports: 06/19/2007  
Number of Days to Update: 26

Source: Department of Ecology  
Telephone: N/A  
Last EDR Contact: 11/13/2007  
Next Scheduled EDR Contact: 02/11/2008  
Data Release Frequency: Annually

## **SPILLS:** Reported Spills

Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 10/05/2007  
Date Data Arrived at EDR: 10/09/2007  
Date Made Active in Reports: 10/30/2007  
Number of Days to Update: 21

Source: Department of Ecology  
Telephone: 360-407-6950  
Last EDR Contact: 10/01/2007  
Next Scheduled EDR Contact: 12/31/2007  
Data Release Frequency: Semi-Annually

## **INST CONTROL:** Institutional Control Site List

Sites that have institutional controls.

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/11/2007  
Date Made Active in Reports: 09/27/2007  
Number of Days to Update: 16

Source: Department of Ecology  
Telephone: 360-407-7170  
Last EDR Contact: 12/03/2007  
Next Scheduled EDR Contact: 03/03/2008  
Data Release Frequency: Varies

## **VCP:** Voluntary Cleanup Program Sites

Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/12/2007  
Date Made Active in Reports: 09/27/2007  
Number of Days to Update: 15

Source: Department of Ecology  
Telephone: 360-407-7200  
Last EDR Contact: 11/15/2007  
Next Scheduled EDR Contact: 02/11/2008  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **ICR:** Independent Cleanup Reports

These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree. This database is no longer updated by the Department of Ecology.

Date of Government Version: 12/01/2002	Source: Department of Ecology
Date Data Arrived at EDR: 01/03/2003	Telephone: 360-407-7200
Date Made Active in Reports: 01/22/2003	Last EDR Contact: 11/13/2007
Number of Days to Update: 19	Next Scheduled EDR Contact: 02/11/2008
	Data Release Frequency: No Update Planned

## **DRYCLEANERS:** Drycleaner List

A listing of registered drycleaners who registered with the Department of Ecology (using the SIC code of 7215 and 7216) as hazardous waste generators.

Date of Government Version: 12/31/2006	Source: Department of Ecology
Date Data Arrived at EDR: 05/24/2007	Telephone: 360-407-6732
Date Made Active in Reports: 06/19/2007	Last EDR Contact: 11/13/2007
Number of Days to Update: 26	Next Scheduled EDR Contact: 02/11/2008
	Data Release Frequency: Varies

## **BROWNFIELDS:** Brownfields Sites Listing

A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

Date of Government Version: 08/09/2007	Source: Department of Ecology
Date Data Arrived at EDR: 08/15/2007	Telephone: 360-725-4030
Date Made Active in Reports: 09/27/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/11/2008
	Data Release Frequency: Varies

## **CDL:** Clandestine Drug Lab Contaminated Site List

Illegal methamphetamine labs use hazardous chemicals that create public health hazards. Chemicals and residues can cause burns, respiratory and neurological damage, and death. Biological hazards associated with intravenous needles, feces, and blood also pose health risks.

Date of Government Version: 08/01/2007	Source: Department of Health
Date Data Arrived at EDR: 09/19/2007	Telephone: 360-236-3380
Date Made Active in Reports: 10/30/2007	Last EDR Contact: 12/06/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 03/03/2008
	Data Release Frequency: Varies

## **NPDES:** Water Quality Permit System Data

A listing of permitted wastewater facilities.

Date of Government Version: 08/17/2007	Source: Department of Ecology
Date Data Arrived at EDR: 08/17/2007	Telephone: 360-407-6073
Date Made Active in Reports: 09/27/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/11/2008
	Data Release Frequency: Quarterly

## **AIRS (EMI):** Washington Emissions Data System Emissions inventory data.

Date of Government Version: 12/31/2005	Source: Department of Ecology
Date Data Arrived at EDR: 01/17/2007	Telephone: 360-407-6040
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 10/15/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **INACTIVE DRYCLEANERS:** Inactive Drycleaners

A listing of inactive drycleaner facility locations.

Date of Government Version: 12/31/2006	Source: Department of Ecology
Date Data Arrived at EDR: 05/24/2007	Telephone: 360-407-6732
Date Made Active in Reports: 06/19/2007	Last EDR Contact: 11/13/2007
Number of Days to Update: 26	Next Scheduled EDR Contact: 02/11/2008
	Data Release Frequency: Annually

## **TRIBAL RECORDS**

### **INDIAN RESERV:** Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/09/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/04/2008
	Data Release Frequency: Semi-Annually

### **INDIAN LUST R6:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005	Source: EPA Region 6
Date Data Arrived at EDR: 01/21/2005	Telephone: 214-665-6597
Date Made Active in Reports: 02/28/2005	Last EDR Contact: 11/15/2007
Number of Days to Update: 38	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

### **INDIAN LUST R8:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2007	Source: EPA Region 8
Date Data Arrived at EDR: 09/07/2007	Telephone: 303-312-6271
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

### **INDIAN LUST R7:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

### **INDIAN LUST R10:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 09/12/2007	Source: EPA Region 10
Date Data Arrived at EDR: 09/14/2007	Telephone: 206-553-2857
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

### **INDIAN LUST R4:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/05/2007	Source: EPA Region 4
Date Data Arrived at EDR: 10/02/2007	Telephone: 404-562-8677
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 9	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **INDIAN LUST R1:** Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006	Source: EPA Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

## **INDIAN LUST R9:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/11/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/14/2007	Telephone: 415-972-3372
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

## **INDIAN UST R5:** Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 12/13/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

## **INDIAN UST R8:** Underground Storage Tanks on Indian Land

Date of Government Version: 08/27/2007	Source: EPA Region 8
Date Data Arrived at EDR: 09/07/2007	Telephone: 303-312-6137
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

## **INDIAN UST R10:** Underground Storage Tanks on Indian Land

Date of Government Version: 09/12/2007	Source: EPA Region 10
Date Data Arrived at EDR: 09/14/2007	Telephone: 206-553-2857
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

## **INDIAN UST R9:** Underground Storage Tanks on Indian Land

Date of Government Version: 09/11/2007	Source: EPA Region 9
Date Data Arrived at EDR: 09/14/2007	Telephone: 415-972-3368
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

## **INDIAN UST R7:** Underground Storage Tanks on Indian Land

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

## **INDIAN UST R6:** Underground Storage Tanks on Indian Land

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/31/2007  
Date Data Arrived at EDR: 08/31/2007  
Date Made Active in Reports: 10/11/2007  
Number of Days to Update: 41

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 11/15/2007  
Next Scheduled EDR Contact: 02/18/2008  
Data Release Frequency: Semi-Annually

## **INDIAN UST R4:** Underground Storage Tanks on Indian Land

Date of Government Version: 09/05/2007  
Date Data Arrived at EDR: 10/02/2007  
Date Made Active in Reports: 10/11/2007  
Number of Days to Update: 9

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 11/15/2007  
Next Scheduled EDR Contact: 02/18/2008  
Data Release Frequency: Semi-Annually

## **INDIAN UST R1:** Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006  
Date Data Arrived at EDR: 12/01/2006  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 59

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 11/15/2007  
Next Scheduled EDR Contact: 02/18/2008  
Data Release Frequency: Varies

## **EDR PROPRIETARY RECORDS**

### **Manufactured Gas Plants:** EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### **EDR Historical Auto Stations:** EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### **EDR Historical Cleaners:** EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## **FEDERAL RECORDS**

### **COLLEGES:** Integrated Postsecondary Education Data

The National Center for Education Statistics' primary database on integrated postsecondary education in the United States.

Date of Government Version: N/A  
Date Data Arrived at EDR: 10/12/2005  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: National Center for Education Statistics  
Telephone: 202-502-7300  
Last EDR Contact: 12/19/2007  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: N/A

### **HOSPITALS:** AHA Hospital Guide

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Date of Government Version: N/A  
Date Data Arrived at EDR: 10/19/1994  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: American Hospital Association  
Telephone: 800-242-2626  
Last EDR Contact: 09/22/2006  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: N/A

### **MEDICAL CENTERS:** Provider of Services Listing

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health & Human Services.

Date of Government Version: 06/01/1998  
Date Data Arrived at EDR: 11/10/2005  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000  
Last EDR Contact: 12/19/2007  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: N/A

### **NURSING HOMES:** Directory of Nursing Homes

Information on Medicare and Medicaid certified nursing homes in the United States.

Date of Government Version: N/A  
Date Data Arrived at EDR: 10/11/2005  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: N/A  
Telephone: 800-568-3282  
Last EDR Contact: 12/19/2007  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: N/A

### **PRIVATE SCHOOLS:** Private Schools of the United States

The National Center for Education Statistics' primary database on private school locations in the United States.

Date of Government Version: N/A  
Date Data Arrived at EDR: 10/07/2005  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: National Center for Education Statistics  
Telephone: 202-502-7300  
Last EDR Contact: 12/19/2007  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: N/A

### **PUBLIC SCHOOLS:** Public Schools

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/13/2004  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: National Center for Education statistics  
Telephone: 202-502-7300  
Last EDR Contact: 10/10/2007  
Next Scheduled EDR Contact: 01/07/2008  
Data Release Frequency: N/A

## COUNTY RECORDS

### **KING COUNTY:**

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

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

Date of Government Version: 04/30/1985  
Date Data Arrived at EDR: 11/07/1994  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: Seattle-King County Department of Public Health  
Telephone: 206-296-4785  
Last EDR Contact: 10/21/1994  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### **KITSAP COUNTY:**

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

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: N/A  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: N/A

### **SEATTLE COUNTY:**

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

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

Date of Government Version: 07/30/1984  
Date Data Arrived at EDR: 11/07/1994  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: Seattle - King County Department of Public Health  
Telephone: 206-296-4785  
Last EDR Contact: 10/21/1994  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### **SEATTLE/KING COUNTY:**

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

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

Date of Government Version: 12/31/1986  
Date Data Arrived at EDR: 08/18/1995  
Date Made Active in Reports: 09/20/1995  
Number of Days to Update: 33

Source: Department of Public Health  
Telephone: 206-296-4785  
Last EDR Contact: 08/14/1995  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### **SNOHOMISH COUNTY:**

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Solid Waste Sites of Record at Snohomish Health District

Solid waste disposal and/or utilization sites in Snohomish County.

Date of Government Version: 02/13/2007	Source: Snohomish Health District
Date Data Arrived at EDR: 05/03/2007	Telephone: 206-339-5250
Date Made Active in Reports: 06/04/2007	Last EDR Contact: 10/15/2007
Number of Days to Update: 32	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Semi-Annually

## TACOMA/PIERCE COUNTY:

### Closed Landfill Survey

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

Date of Government Version: 09/01/2002	Source: Tacoma-Pierce County Health Department
Date Data Arrived at EDR: 03/24/2003	Telephone: 206-591-6500
Date Made Active in Reports: 05/14/2003	Last EDR Contact: 03/19/2003
Number of Days to Update: 51	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## OTHER DATABASE(S)

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

### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2005	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/15/2007	Telephone: 860-424-3375
Date Made Active in Reports: 08/20/2007	Last EDR Contact: 12/13/2007
Number of Days to Update: 66	Next Scheduled EDR Contact: 03/10/2008
	Data Release Frequency: Annually

### NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/27/2007	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 08/30/2007	Telephone: 518-402-8651
Date Made Active in Reports: 09/21/2007	Last EDR Contact: 11/29/2007
Number of Days to Update: 22	Next Scheduled EDR Contact: 02/25/2008
	Data Release Frequency: Annually

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/23/2007	Telephone: N/A
Date Made Active in Reports: 09/27/2007	Last EDR Contact: 12/10/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/10/2007
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **WI MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006

Date Data Arrived at EDR: 04/27/2007

Date Made Active in Reports: 06/08/2007

Number of Days to Update: 42

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 10/09/2007

Next Scheduled EDR Contact: 01/07/2008

Data Release Frequency: Annually

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

## **Electric Power Transmission Line Data**

Source: PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

## **AHA Hospitals:**

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

## **Medical Centers: Provider of Services Listing**

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

## **Nursing Homes**

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

## **Public Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## **Private Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

## **Daycare Centers: Daycare Center Listing**

Source: Department of Social & Health Services

Telephone: 253-383-1735

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

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

## **Scanned Digital USGS 7.5' Topographic Map (DRG)**

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## **STREET AND ADDRESS INFORMATION**

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

BOEING ISSACSON/THOMPSON  
8625 EAST MARGINAL WAY S  
TUKWILA, WA 98108

### **TARGET PROPERTY COORDINATES**

Latitude (North):	47.52578 - 47° 31' 32.8"
Longitude (West):	122.30264 - 122° 18' 9.5"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	552496.4
UTM Y (Meters):	5263611.5
Elevation:	12 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	47122-E3 SEATTLE SOUTH, WA
Most Recent Revision:	1983

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

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

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

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

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

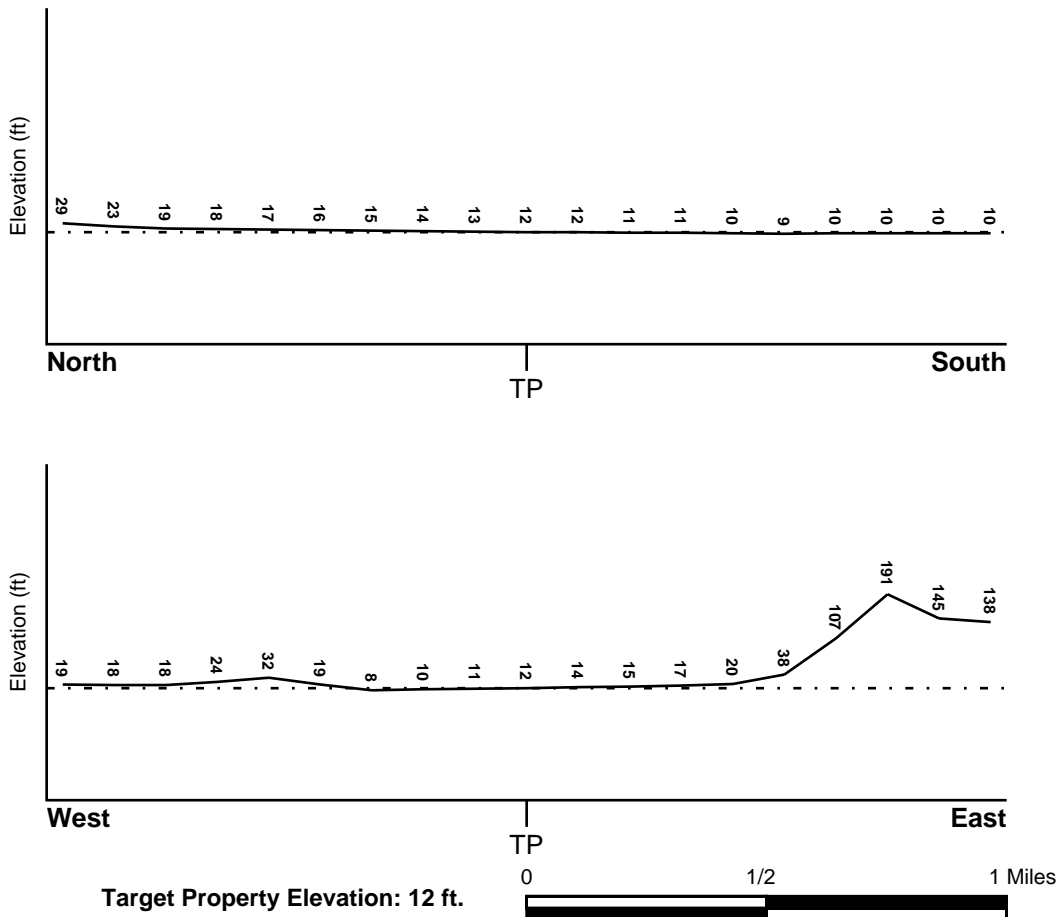
## TOPOGRAPHIC INFORMATION

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

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' 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.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

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

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

## **FEMA FLOOD ZONE**

Target Property County  
KING, WA

FEMA Flood  
Electronic Data  
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 53033C0645F

Additional Panels in search area:

- 53033C0635F
- 53033C0630F
- 53033C0675F
- 53033C0640F
- 53033C0636F
- 53033C0620F
- 53033C0664F
- 53033C0638F
- 53033C0935F
- 53033C0976F
- 53033C0957F
- 53033C0960F
- 53033C0955F
- 53033C0954F

## **NATIONAL WETLAND INVENTORY**

NWI Quad at Target Property  
SEATTLE SOUTH

NWI Electronic  
Data Coverage  
YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

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

### ***Site-Specific Hydrogeological Data\*:***

Search Radius:	1.25 miles
Location Relative to TP:	1/2 - 1 Mile NW
Site Name:	BOEING COMPANY PLANT 2
Site EPA ID Number:	WAD009256819
Groundwater Flow Direction:	NOT AVAILABLE
Inferred Depth to Water:	15 feet
Hydraulic Connection:	The near-surface aquifer is situated in artificial fill of sand, gravel, and clay. The ground water elevation is consistent with the surface elevation of the Duwamish Waterway.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

\* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
2	1/2 - 1 Mile NW	W
4	1/2 - 1 Mile SW	W
6	1/2 - 1 Mile SSW	NW
7	1/2 - 1 Mile NW	W

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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

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

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

#### ROCK STRATIGRAPHIC UNIT

Era: Cenozoic  
System: Tertiary  
Series: Lower Tertiary andesite  
Code: ITa (*decoded above as Era, System & Series*)

#### GEOLOGIC AGE IDENTIFICATION

Category: Volcanic Rocks

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

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

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

Soil Component Name: PILCHUCK  
Soil Surface Texture: loamy sand  
Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.  
Soil Drainage Class: Somewhat excessive. Soils have high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	20 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 6.10
2	20 inches	38 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 5.60
3	38 inches	60 inches	gravelly - sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 20.00	Max: 7.30 Min: 6.10
4	60 inches	70 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.50 Min: 5.60

### OTHER SOIL TYPES IN AREA

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

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

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

Shallow Soil Types: fine sandy loam

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

silt loam  
 silty clay loam  
 peaty - silt loam  
 loam  
 sandy loam

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

## LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

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

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS3276900	1/2 - 1 Mile NE
3	USGS3276748	1/2 - 1 Mile SSE
5	USGS3276757	1/2 - 1 Mile SE

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

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

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

## **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
---------------	----------------	-------------------------

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE DATABASE WELL INFORMATION

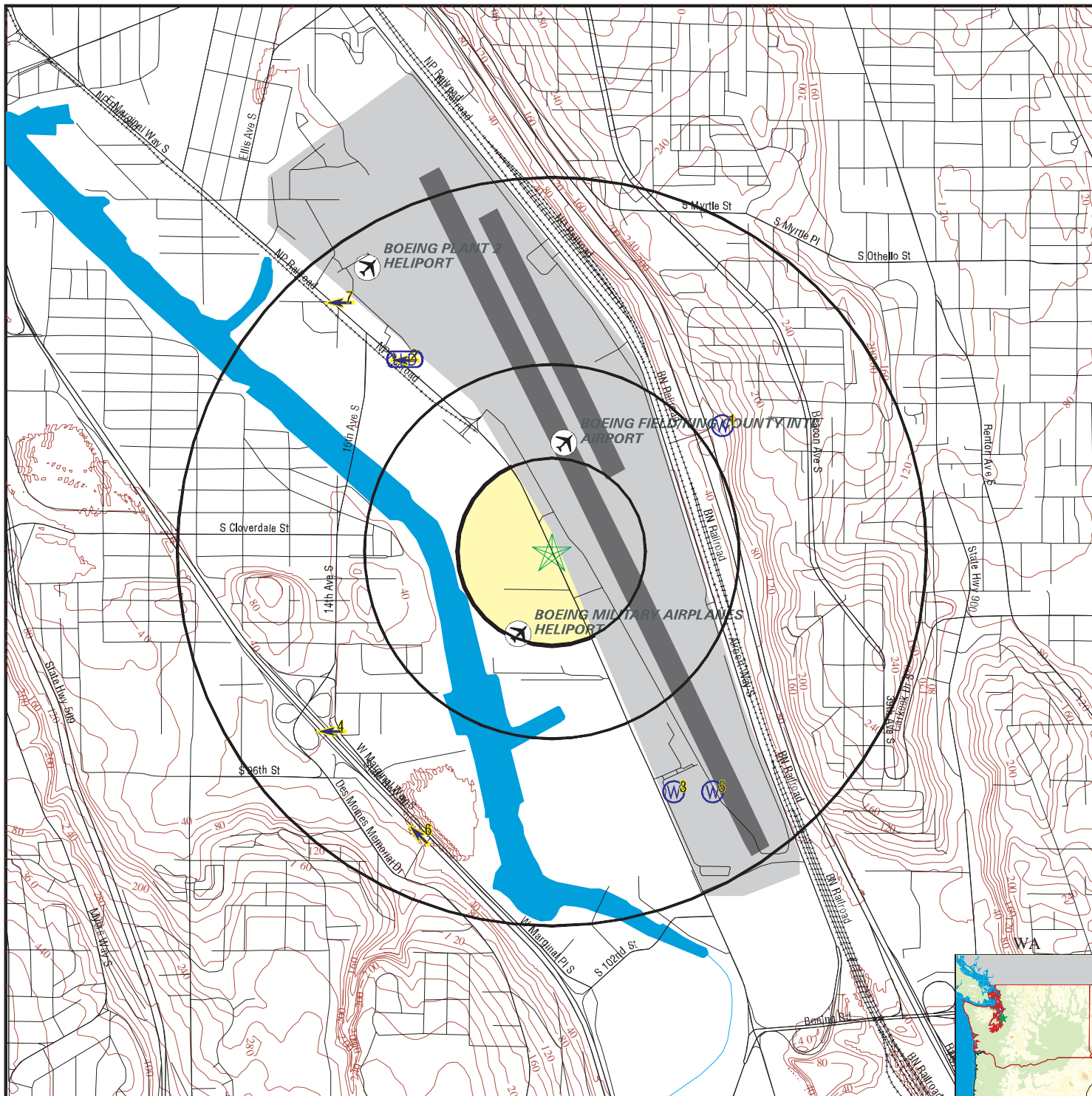
MAP ID

WELL ID

LOCATION  
FROM TP

No Wells Found

# PHYSICAL SETTING SOURCE MAP - 2105962.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data



SITE NAME: Boeing Issacson/Thompson  
 ADDRESS: 8625 East Marginal Way S  
 Tukwila WA 98108  
 LAT/LONG: 47.5258 / 122.3026

CLIENT: Landau Associates, Inc.  
 CONTACT: Brett Borgeson  
 INQUIRY #: 2105962.2s  
 DATE: December 21, 2007 9:43 am

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

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

**FED USGS      USGS3276900**

Agency cd:	USGS	Site no:	473151122173001
Site name:	24N/04E-33A01		
Latitude:	473151		
Longitude:	1221730	Dec lat:	47.53065456
Dec lon:	-122.29290197	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	033
Country:	US	Land net:	NE NE S33 T24N R04E W
Location map:	SEATTLE SOUTH	Map scale:	24000
Altitude:	90		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Duwamish. Washington. Area = 487 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19721205
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	20.5	Hole depth:	20.5
Source of depth data:	driller		
Project number:	WA31800		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**2**  
**NW**  
**1/2 - 1 Mile**  
**Lower**

Site ID:	4073	<b>AQUIFLOW</b>	<b>61378</b>
Groundwater Flow:	W		
Shallowest Water Table Depth:	4		
Deepest Water Table Depth:	10		
Average Water Table Depth:	Not Reported		
Date:	11/03/1992		

**3**  
**SSE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS3276748**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	473056122173001
Site name:	23N/04E-04A01		
Latitude:	473100		
Longitude:	1221740	Dec lat:	47.51648795
Dec lon:	-122.29567965	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	033
Country:	US	Land net:	NE NE S04 T23N R04E W
Location map:	SEATTLE SOUTH	Map scale:	24000
Altitude:	15		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Duwamish. Washington. Area = 487 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19530918
Date inventoried:	19860603	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	686	Hole depth:	686
Source of depth data:	driller		
Project number:	WA31800		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data begin date:	1954-04-19	Water quality data count:	1
Water quality data end date:	1954-04-19	Ground water data begin date:	1953-09-18
Ground water data begin date:	1953-09-18	Ground water data end date:	1953-09-18
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1953-09-18	9.29	

**4  
SW  
1/2 - 1 Mile  
Higher**

Site ID:	1476		
Groundwater Flow:	W	<b>AQUIFLOW</b>	<b>61185</b>
Shallowest Water Table Depth:	Not Reported		
Deepest Water Table Depth:	Not Reported		
Average Water Table Depth:	12.5		
Date:	12/05/1990		

**5  
SE  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS3276757**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	473100122173201
Site name:	24N/04E-04A01		
Latitude:	473100		
Longitude:	1221732	Dec lat:	47.51648796
Dec lon:	-122.29345736	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	53
State:	53	County:	033
Country:	US	Land net:	NE NE S04 T24N R04E W
Location map:	SEATTLE SOUTH	Map scale:	24000
Altitude:	15		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	3		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lake Washington. Washington. Area = 619 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19530418
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	720	Hole depth:	Not Reported
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1953-04-18	Ground water data end date:	1953-04-18
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

-----  
1953-04-18

Note: The site was flowing, but the head could not be measured without additional equipment.

**6**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

Site ID:	2212		
Groundwater Flow:	NW	<b>AQUIFLOW</b>	<b>61244</b>
Shallowest Water Table Depth:	8.7		
Deepest Water Table Depth:	11.0		
Average Water Table Depth:	Not Reported		
Date:	04/22/1991		

**7**  
**NW**  
**1/2 - 1 Mile**  
**Lower**

Site ID:	5290		
Groundwater Flow:	W	<b>AQUIFLOW</b>	<b>61360</b>
Shallowest Water Table Depth:	4		
Deepest Water Table Depth:	6.5		
Average Water Table Depth:	Not Reported		
Date:	04/13/1994		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

Federal EPA Radon Zone for KING County: 3

Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level  $\geq$  2 pCi/L and  $\leq$  4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 98108

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.200 pCi/L	100%	0%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### **USGS 7.5' Digital Elevation Model (DEM)**

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### **Scanned Digital USGS 7.5' Topographic Map (DRG)**

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

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

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

## HYDROGEOLOGIC INFORMATION

### **AQUIFLOW<sup>R</sup> Information System**

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

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

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

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

Source: Department of Agriculture, Natural Resources Conservation Services

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

### **SSURGO: Soil Survey Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

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

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

#### **USGS Water Wells:** USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### **Water Wells**

Source: Department of Health

Telephone: 360-236-3148

Group A and B well locations.

## OTHER STATE DATABASE INFORMATION

### RADON

#### **Area Radon Information**

Source: USGS

Telephone: 703-356-4020

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

#### **EPA Radon Zones**

Source: EPA

Telephone: 703-356-4020

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

### OTHER

#### **Airport Landing Facilities:** Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

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

Source: Department of Commerce, National Oceanic and Atmospheric Administration

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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# Historical Property Tax Records



FOLIO 3486  
 ADDITION T. Buckleys, D.C. #4542  
 Section 88 Twp. 24 Range 4 Ewm. Block Tax Lot 14 Tract  
 PERMIT NO. 140282  
 DATE 12-12-55  
 Address 8531 E. MARGINAL Way.

Fee Owner ISHAGONS Iron Works Architect OWNER  
 Condition of Exterior 9 Interior 9 Foundation 9 Floor Plan: Good

USE Warehouse  
 No. Stories 2  
 No. Rooms  
 Basement  
 No. Offices  
 No. Apartments  
 1 rm. 2 rm. 0 rm.  
 4 rm. 5 rm. 6 rm.

ROOF CONSTRUCTION  
 Frame Lam  
 Mill Construction  
 Rein. Concrete  
 No. Trusses  
 Wood  Steel  
 ROOFING MATERIAL  
 Tar and Gravel  
 Or. CI

FLOOR FINISHES  
 Fir  Maple  
 Oak  2"x6" T&G  
 Lino.  3"x8" T&G  
 Cement 38297 D  
 Terrazzo  
 Ranceolith  
 Tile  
 Or. X BA-DIN-7-1

Tile  Lino.   
 Baths  Fl.  Walls  
 Sq. Ft. Floors  
 Sq. Ft. Walls  
 Lin. Ft. Dr. Bds.  
 Sq. Ft. Floors  
 Sq. Ft. Walls  
 Lin. Ft. Dr. Bds.  
 Kit's  Fl.  Walls

PLUMBING  
 No. Fixtures  
 Toilets  
 Tube, Leg or Pen.  
 Basins, Ped.  
 Sinks  
 Urinals  
 Showers (Tub) (Stall)  
 Laundry Trays  
 H. W. Tank Fl. Drains  
 Sprink. Sys. No. Hds.

TYPE OF CONSTRUCTION  
 Frame  
 Single  Double  
 Ordinary Masonry  
 Mill Construction  
 Class A Rein. Con.  
 X Stru. Steel and Con.  
 Tile  Brick  
 Con.  Rein. Con.  
 Good Med. Cheap.

Date Built 1955-56  
 Effective Age 7-15-56  
 Dep. for Cond. Dep. for Ob. Dep. for Life Total  
 REPRODUCTION COST Factor Make Up

Factor	Plus or Minus	Dimensions	S. F. Area	Factor	Cost
\$250			97730		\$273644
10	BN				
15	BRICK				
2.75	CONCRETE				
20	STEEL				
2.95	CEILING				
2.15					
2.60					
					17200
					290844
					Less Depreciation
					Total
					Other Buildings
					Total Value (Full)
					Assessed Valuation 50%

HEATING  
 Stove  
 Pipeless Furnace  
 Gravity H. A.  
 Air Cond., Fan  
 Suspended Gas, Hot Water  
 Steam Heat  
 Hot Water  
 Oil Burner  
 Year Assessed Value  
 1957 120,000  
 1958 157,700  
 57,700  
 207,500

FOUNDATION  
 Mud Sills  
 Post and Pier  
 Brick  
 X Concrete  
 Pile

BASEMENT  
 Full  %  
 Sub-Basement  
 Size  
 Garage  No. Cars  
 Floors  
 Plastered  
 Living Rooms  
 Service Rooms

TANKS, ETC., LIST  
 ELEVATORS  
 Pass.  Freight  
 Auto.  Elec.  
 Man.  Hyd.  
 Man.  Man.  
 Hoists: Elec. Hyd.  
 DOCKS AND PIERS  
 Treated Piles, Tumb.  
 Untreated  
 Treated Piles only  
 Average Length  
 Paved  
 WIRING  
 Knobe & Tube  
 Flex. Cable  
 Conduit  
 Power Wiring  
 Range Wiring  
 No. Outlets

EXTERIOR WALL CONST.  
 Single  Double  
 2"x4" Stud Walls  
 2"x6" Stud Walls  
 Brick Walls  
 Brick with Pilasters  
 Concrete Walls  
 Con. with Pilasters  
 Tile Walls  
 Rein. Con. Skel.  
 Filler Walls  
 Laminated Walls

INTERIOR WALLS  
 Stud and Plaster  
 Lam.  Plastered  
 Plywood  
 Ceiled  
 Plaster Board  
 Painted  
 Stain  Varnish  
 Kalsomine  
 Whitewashed  
 X Unfinished

C. H.  
 GROUND FLOOR AREA 97730  
 TOTAL FLOOR AREA  
 1875.32

EXTERIOR FACING  
 Siding  Shingles  
 Shakes  Stucco  
 X Brick Veneer  
 Kind  
 Stone  Cast S.  
 Terra Cotta  
 Struct. Glass  
 Rein.  Drin

INTERIOR TRIM  
 Fir  
 Mah.  Oak  
 Metal  
 Doors  
 Windows  
 Stained  
 Varnished  
 Painted  
 X Unfinished

FLOOR CONSTRUCTION  
 Joist Con. Size  
 O.C. In Bridg.   
 Mill Construction  
 Rein. Con. PART

Other Buildings	Construction	Floor	Roof	Stories	Dimensions	S. F. Area	Factor	Value	% Dep.	Deprec.	Net Value
Garage											

Put on sheet #1  
 See attached sheet #1  
 for plan & elevation  
 Ward



LAND CLASSIFICATION AND SEGREGATION

SCALE ONE INCH = 100 FEET TO 2 1/4 ACRES OR 330 FEET

THIS SQUARE INDICATES 2 1/4 ACRES

SEC. 33  
TWP. 24 N  
RANGE 4 E

AERIAL PHOTO

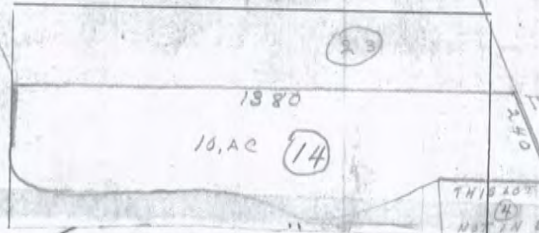
QUARTER MAP

PLAT MAP

#23188-A

DUWAMISH WA

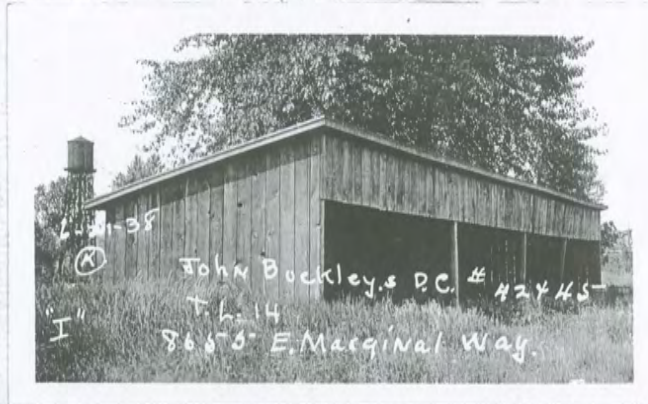
E MARGINAL WAY



TAX LOT NO.

PARCEL NO.

POR OF BUCKLEY D.C. & OF ABANDONED BED OF DUWAMISH RIVER  
DAF: S 10 ACRES OF POR OF D. C. LY WLY OF E MARGINAL  
WAY & ELY OF DUWAMISH WATERWAY ALSO POR OF ABANDONED  
BED OF RIVER LY WLY OF E MARGINAL WAY & ELY OF DUWAMISH  
WATERWAY & N OF LN RING W FR PT ON WLY LN OF E MARGINAL  
WAY 379.39' NLY OF INTRSN SD WLY LN WITH S LN OF VAN  
ASSET DC # 50



YEAR AC.	LAND	BLDG'S.	TOTAL	REASON	BY	DATE
1938	6500	540	7040			
1939	6500	1260	7760			
1940	9000	1100	10100			
1941	9000	1140	10140			
1942	9000	9200	18200			
1943	9000	9200	18200			
1944	9000	9200	18200			
1945	9000	9200	18200			
1946	9000	9200	18200			
1947	9000	9200	18200			
1948	9000	9200	18200			
1949	9000	9200	18200			
1950	9000	9200	18200			
1951	9000	9200	18200			
1952	16520	9000	25520			
1953	20300	16220	36520			
1954	20300	16220	36520			
1955	20300	16220	36520			
1956	20300	16220	36520			
1957	20300	16220	36520			
1958	20300	16220	36520			
1959	20300	16220	36520			
1960	20300	16220	36520			
1961	20300	16220	36520			
1962	20300	16220	36520			
1963	20300	16220	36520			
1964	20300	16220	36520			
1965	20300	16220	36520			
1966	20300	16220	36520			
1967	20300	16220	36520			
1968	20300	16220	36520			
1969	20300	16220	36520			
1970	20300	16220	36520			
1971	20300	16220	36520			
1972	20300	16220	36520			
1973	20300	16220	36520			
1974	20300	16220	36520			
1975	20300	16220	36520			
1976	20300	16220	36520			
1977	20300	16220	36520			
1978	20300	16220	36520			
1979	20300	16220	36520			
1980	20300	16220	36520			
1981	20300	16220	36520			
1982	20300	16220	36520			
1983	20300	16220	36520			
1984	20300	16220	36520			
1985	20300	16220	36520			
1986	20300	16220	36520			
1987	20300	16220	36520			
1988	20300	16220	36520			
1989	20300	16220	36520			
1990	20300	16220	36520			
1991	20300	16220	36520			
1992	20300	16220	36520			
1993	20300	16220	36520			
1994	20300	16220	36520			
1995	20300	16220	36520			
1996	20300	16220	36520			
1997	20300	16220	36520			
1998	20300	16220	36520			
1999	20300	16220	36520			
2000	20300	16220	36520			
2001	20300	16220	36520			
2002	20300	16220	36520			
2003	20300	16220	36520			
2004	20300	16220	36520			
2005	20300	16220	36520			
2006	20300	16220	36520			
2007	20300	16220	36520			
2008	20300	16220	36520			
2009	20300	16220	36520			
2010	20300	16220	36520			
2011	20300	16220	36520			
2012	20300	16220	36520			
2013	20300	16220	36520			
2014	20300	16220	36520			
2015	20300	16220	36520			
2016	20300	16220	36520			
2017	20300	16220	36520			
2018	20300	16220	36520			
2019	20300	16220	36520			
2020	20300	16220	36520			

TR 789 FT W OF WLY MGN OF E  
MARGINAL WAY TH N 00-20-35 W  
1 FT TH S 89-45-34 W 558.82 FT  
TO ELY MGN OF MW TH SLY TO PT M  
OF BEG TH E TR BEG

BUCKLEY JOHN-D C # 42 & 45  
POR OF DC & OF ABANDONED BED OF  
DUWAMISH RIVER DAF S 10 AC OF  
MAY & ELY OF DUWAMISH MW ALSO POR  
OF ABANDONED BED OF RIVER LY WLY  
OF E MARGINAL WAY & ELY OF  
DUWAMISH MW & N OF LN RING W FRM  
PT ON-WLY LN OF E MARGINAL WAY  
379.39 FT NLY OF NKN SD WLY LN  
WITH S LN OF VAN ASSET DC # 50  
& REG AT PT UN LN OF ABOVE DESC

DECREASE OR INCREASE IN ASSESSED VALUATION

STAIRS NSPIL AIRPL. FERRY

DISTRICT: ROAD

CHOOI

WATER FIRE

REASON: DECREASE INCREASE DECREASE INCREASE

BY: DATE:



DISTRICT  
 2. ADDITION JOHN BUCKLEY D. C. 42 & 45 July 3 1936  
 SECTION TWP N. RANGE EWM. BLOCK TRACT OR LOT NO. 14  
 DESCRIPTION S. 10 ac of that por of D.C. ly bet in of Duwamish W. W. & Wly in of E. original  
 3. ADDRESS OF PROPERTY 8654 East Marginal Way.  
 4. FEE OWNER Duwamish Lumber Co - (2-24-20) Memo 10-22-37  
 5. ARCHITECT CONTRACTOR  
 6. ORIG. BUILDING COST \$ OCCUPIED BY RENTAL PER MONTH \$ ESTIMATED RENTAL PER MONTH \$  
 7. CONDITION OF EXTERIOR INTERIOR FOUNDATION FLOOR PLAN

8. BUILDING One-Fmly Dwel.  
 3 Rooms  
 3 1st Flr.  
 INTERIOR WALLS  
 FLOORS 3 Fir  
 FIRE PLACE None  
 INTERIOR TRIM 3 Fir  
 PLUMBING None

TILE WORK None  
 ATTIC None  
 HEATING Stove  
 BASEMENT None  
 FOUNDATION W.P. Conc. Blk.  
 ROOF Tar Paper  
 EXTERIOR WALLS Cedar Siding 6"

PORCHES 1 One-Story  
 1 Roofed  
 EXTRA FEATURES None  
 BUILT-INS  
 CONSTRUCTION Double  
 Very Cheap  
 CEILING HEIGHT

9. CORNER JOINTS Corner Boards DOWN SPOUTS SEWER CONNECTED No  
 10. FIRST FLOOR JOIST SIZE X AND INCH CENTERS BRIDGED  
 11. FIRST FLOOR JOIST SUPPORT COLUMN OR POST SIZE X SHAPE NO.  
 12. CLASS OR GRADE NO. 1  
 13. BUILDING FINISHED OR UNFINISHED Finished  
 14. DEPRECIATION: CONDITION 73 % OBSLSE % ECON. SUIT % TOTAL  
 DATE BUILT 1916 REMODELED 1920. Office built.  
 EFFECTIVE AGE 22 YEARS FUTURE LIFE 8 YEARS  
 LAND INFORMATION  
 1. SIZE X TOPOGRAPHY Level GRADE On FEET  
 2. STREET ROAD Graded SURFACE Paved ALLEY No  
 3. SIDEWALK NO SEWERAGE Sewer WELL ELECT. PUMP  
 4. LANDSCAPING Natural COND. POOR  
 5. TREND Static VALUE OF LAND  
 6. USE OF DISTRICT Industrial VIEW No  
 7. RESIDENTIAL Medium-Old ZONED  
 REMARKS

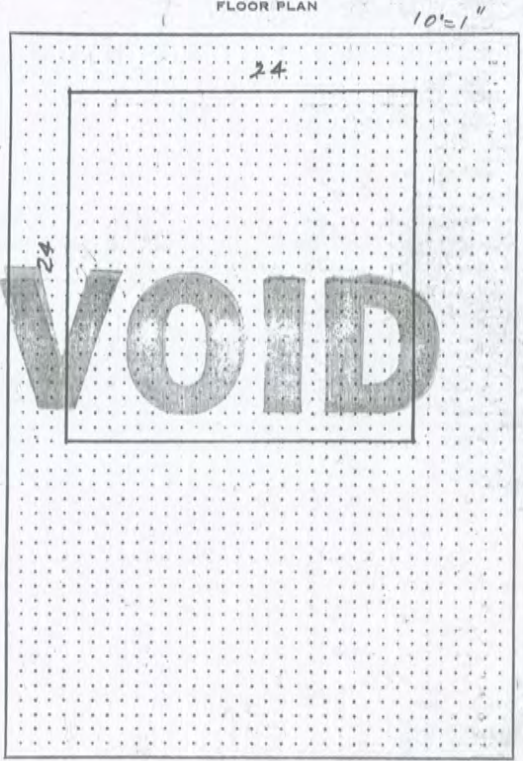


MAIN BUILDING	
DIMENSION	SQ. FT. AREA
24 x 24	576
X	
X	
X	
PCH. X	
PCH. X	
IMPROVEMENT VALUE	
MAIN BUILDING	400
OTHER BUILDINGS	20
TOTAL	420
ASSESSED VALUE 80% \$	336
DATE	12/23/37

OTHER BUILDINGS	CONSTRUCTION	FLOOR	ROOF	STY.	DIMENSION	AREA	VALUE
GARAGE	sgle.	dirt	shgle.	1	15 x 64		\$ 48
Shed	Single	Dirt	T. P.	1	10 x 16	160	100
					X		
					X		
					X		

OWNER OR CONTRACT PURCHASER	DATE	FILE NO.	PRICE	MTGE.	STAMP
Isaacson, Isaac H. Co.	7-30-43	3340391	32,500		

REMARKS This is used as an office in used as residence now  
 (also 8655 E Marginal Way (steel burner)  
 (shed) & (car. Iron shed)  
 Reappraise steel burner in 1939





DISTRICT

ADDITION

Twp. Range Ewn.

14

See legal over

PERMIT No.

DATE

1st main card

000160-0014 83.40 502900 2035

LIMITS	ROAD	SCHOOL	WATER	FIRE	TOTAL ACREAGE				IMPROVED	UNIMPROVED
					SEWER	HSPTL.	AIRPT.	FERRY		
	2	1		1						
										Metro
YR.	AC	LAND	BLDG.	TOTAL	BY	DATE	REASON	FEE	OWNER	DATE
1953	10-	20300		20300	T	2/15/52	RV. (land)			
1956	"	20300	206000 <sup>(1)</sup>	226300	Wm.	5/23/53	Arb. Av.			
1957	"	20300	226000 <sup>(2)</sup>	246300	"	"	"			
1956	"	20300	186000 <sup>(2)</sup>	206300	Gov. (man)	6/17/55	corrected Av.			
1957	"	20300	226000 <sup>(2)</sup>	246300	"	"	Perfolio			
1957	12.71	20300	346000 <sup>(3)</sup>	366300	Gov. (RD)	5/3/56	New Marchae Bldg #10			
1958	"	20300	378700 <sup>(3)</sup>	399000	Gov. (RD)	3/1/56	New Folio		F 229404 - 10/16/56	
1958	"	20300	446500 <sup>(3)</sup>	466800	Gov. (RD)	7/30/56	RV. Bldg #9		Tonacsun Iron Works	
1958	12.71	27630	450100 <sup>(5)</sup>	477730	NL(T)	10/29/56	RV. Kill (2) (15) of 33-24-4			D 7197
1958	"	27630	449400 <sup>(5)</sup>	477030	Gov. (RD)	4/17/57	corrected portion Bldg #1			
1959	"	27630	450900 <sup>(6)</sup>	478530	Gov. (RD)	6/25/57	add. of Bldg #8 (includes open tracks)			
1959	9.31	83140	450900 <sup>(6)</sup>	534040	Gov. (RD)	2/5/58	RV			
1959	"	83140	481200	564340	Gov. (RD)	3/25/58	Area Bldg #10. RV.			
1960	"	83140	505700 <sup>(6)</sup>	588840	Gov. (RD)	4/8/59	Full value. Bldg #10 per folio.			
1962	9.31	83140	502900 <sup>(4)</sup>	586040	Gov. (RD)	5/24/61	Trail Bldg 1 + 2 (2 Bldg)			
1966	"	121660	502900	624560	Gov. (RD)	4-2-65	RV			
1966	12.71	121820	502900	624720	NL(U)	10-7-65	Seq. 0014 + 0023			N-5750

Get main card only

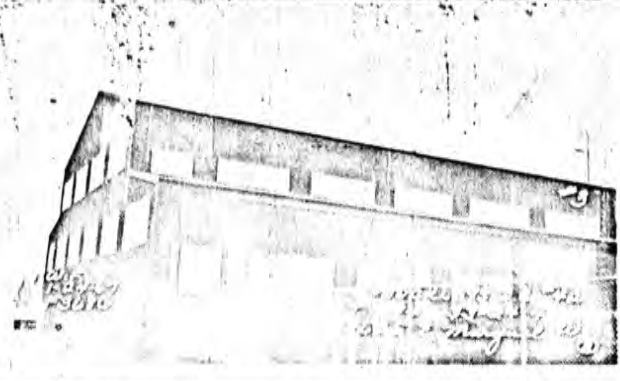
FOLIO 3686 ADDITION Buckley's D.C. #42  
 Section 33 Twp 24 Range 4 EWM. Black Lot or Tract Loganshook  
 PERMIT NO. 313314 Tax Lot 14  
 DATE 6-2-66 Address 8625 EAST MARGINAL WAY  
 Bldg #3 - Shop Extension

Fee Owner ISAACSON STRUCTURAL STEEL CO Architect Contractor  
 Zoning Condition of Exterior G Interior G Foundation G Floor Plans Good X Accept. Poor

USE	ROOF CONSTRUCTION	FLOOR FINISHES	PLUMBING
Shop Bldg	Frame-Joist	Fir <input type="checkbox"/> Maple <input type="checkbox"/>	Bath Floor
No. Stories	Mill-Deck	Oak <input type="checkbox"/> 2x6TG	Bath Walls
No. Rooms	Rein. Conc. GLB	Lino <input type="checkbox"/> 3x6TG	Tub Recess
Basement	Steel Fr. Metal Deck	Cement <input checked="" type="checkbox"/> Lgtwgt. Conc.	Drain Bds.
No. Offices' Sq. Ft.	Trusses 69' Span	Terrazzo <input type="checkbox"/> Vinyl Tile	Vanities
No. Apartments:	Wood Steel	Asphalt Tile <input type="checkbox"/>	No. Fixtures
1 rm. <input type="checkbox"/> 2 rm. <input type="checkbox"/> 3 rm. <input type="checkbox"/>			Toilets Urinals
4 rm. <input type="checkbox"/> 5 rm. <input type="checkbox"/> 6 rm. <input type="checkbox"/>			Tubs Leg. or Pem.
			Basins Dr. Fms.
			Sinks
			Washers Dryers
			Showers (tub) (stall)
			H.W. Tanks Ldy. Trays
			D-Washers Disposals

Date Built 1967 Date Add. Built  Finished  Unfinished  Remodeled  
 Effective Age Years Future Life Years  
 Dep. for Cond. Dep. for Ob. Dep. for Es. Total

TYPE OF CONSTRUCTION	HEATING
Frame	Elec. Oil Gas
<input checked="" type="checkbox"/> Metal Prefab	H.W. St. H.A.
Ordinary Masonry	B.Bd. Suspended
Mill Construction	FHA Pipeless
Class A Rein. Conc.	A. Cond. Wall Unit
<input checked="" type="checkbox"/> Strv. Steel and Conc.	Comb. Unit Custom
Struct. Steel, Frame	Refrig. Convactor
	Heat Pump Fireplace
QUALITY-TYPE	
Grad <input checked="" type="checkbox"/> Med. Cheap	



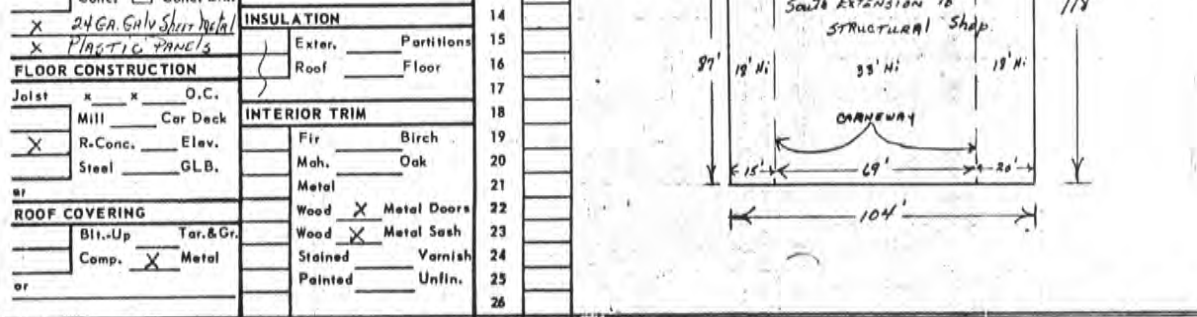
FOUNDATION	BASINENT
Mud Sill <input type="checkbox"/> Post Pier	Full % Part.
<input checked="" type="checkbox"/> Conc. <input type="checkbox"/> Brick	Sub-Basement
Load Hgt. <input checked="" type="checkbox"/> Piling	Size
	Garagn <input type="checkbox"/> No. Cars
	Floors
	Plastered <input type="checkbox"/> Pl. Bd.
	No. Apartments
	Service Rooms

MISC. TANKS, Etc.	ELEVATORS	DOCKS AND PIERS	WIRING
HOISTS: Elec. Hydr.	Pass. Frght	Hvy. Med. Lgt	Knob & Tube
118' CRANEWAY	Auto. Elec.	Untrtd. Pile Tmbr.	Flex. Cable
	Man. Hydr.	Conc. Piles & Bms	<input checked="" type="checkbox"/> Conduit
	Doors-Auto Man.	Trtd. Pile Tmbr.	<input checked="" type="checkbox"/> Pwr. Wiring
	Escalators	Paved	Range Wiring
	Stops Speed	Dolphins	Outlets
	Cap'y.	Deck	

EXTERIOR WALL CONST.  Single  Double  
 Stud Walls  
 Brick  Pil.   
 Conc.  Pil.   
 Rein. Conc. Skeleton  
 Str. St.-Frame  
 Pre-Fab Metal  
 Tilt-Up  
 Filler Wall  
 Curtain Wall

EXTERIOR FACING	INSULATION
Siding	Exter. Partitions
Stucco Shakes	Roof Floor
Marblecrete	
Brick <input type="checkbox"/> Veneer	
Conc. <input type="checkbox"/> Conc. Blk.	
<input checked="" type="checkbox"/> 24 GA. GALV SHEET METAL	
<input checked="" type="checkbox"/> PLASTIC PANELS	

FLOOR CONSTRUCTION	INTERIOR TRIM
Joist x x O.C.	Wood <input checked="" type="checkbox"/> Metal Doors
Mill Car Deck	Wood <input checked="" type="checkbox"/> Metal Sash
<input checked="" type="checkbox"/> R. Conc. Elev.	Stained Varnish
Steel GLB.	Painted Unfin.
	25





FOLIO

3686

ADDITION J. BUCKLEY D.C.

Section 3-3 Twp. 24 Range 4 Ewn. Block Tax Lot 14 Lot or Tract

PERMIT NO.

DATE

Address 8531 E. Marginal Way Bldg #X-2

Fee Owner ISSACSON IRON WORKS

Architect owner

Condition of Exterior 6 Interior 6 Foundation 6 Floor Plan: Good Accept. Good

USE Shop & Warehouse
No. Stories 1
No. Stores 6
No. Rooms
Basement
No. Offices
No. Apartments
1 rm. 2 rm. 3 rm.
4 rm. 5 rm. 6 rm.

ROOF CONSTRUCTION
Steel Frame Lam
Mill Construction
Rein. Concrete
No. Trusses 69
Wood Steel

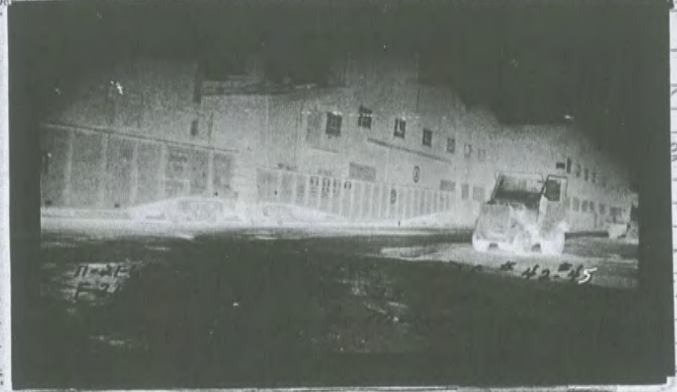
FLOOR FINISHES
Fir Maple
Oak 2"x6" T&G
Lino. 3"x6" T&G
Cement
Terrazzo
Raccolith
Tile
Or. C.F. TAR COATED

Tile Lino.
Baths Fl. Walls
Sq. Ft. Floors
Sq. Ft. Walls
Lin. Ft. Dr. Bds.
Sq. Ft. Floors
Sq. Ft. Walls
Lin. Ft. Dr. Bds.
Kit's Fl. Walls

PLUMBING
No. Fixtures
Toilets
Tube, Log or Pern.
Basins, Ped.
Sinks
Urinals
Showers (Tub) (Stall)
Laundry Trays
H. W. Tank Fl. Drains
Sprink. Sys. No. Hds.

TYPE OF CONSTRUCTION
Frame
Single Double
Ordinary Masonry
Mill Construction
Class A Rein. Con.
Stru. Steel and Con.
Tile Brick
Con. Rein. Con.
Good Med Cheap

Date Built 1946-51-52-53-54-55 Finished Unfinished Remodeled
Effective Age Years Future Life



HEATING
Stove
Pipeless Furnace
Gravity H. A.
Air Cond., Fan
Suspended Gas, Hot Water
Steam Heat Central
Hot Water Plant
Oil Burner

FOUNDATION
Mud Sills
Post and Pier
Brick
Concrete
Pile

Table with columns: Year, Assessed Value. Rows: 1946 780,000, 1957 200,000, 58 267,800, 1967 433,300, 71 866,600.

BASEMENT
Full %
Sub-Basement
Size
Garage No. Cars
Plastered
Living Rooms
Service Rooms

Auto. Elec. Hyd. Man.
Treated Piles, Timl
Untreated
Treated Piles only
Average Length
Paved
Risks & Tube
Flex. Cable
Conduit
Power Wiring
Range Wiring
No. Outlets

EXTERIOR WALL CONST.
Single Double
2" x 4" Stud Walls
3" x 4" Stud Walls
Brick Walls
Brick with Pilasters
Concrete Walls
Con. with Pilasters
Tile Walls
Rein. Con. Skel.
Filler Walls
Laminated Walls

INTERIOR WALLS
Stud and Plaster
Lam. Plastered
Plywood
Ceiled
Plaster Board
Painted SPRAY
Stain Varnish
Kalsomine
Whitewashed
Unfinished

C. H. GROUND FLOOR AREA 294,356

EXTERIOR FACING
Siding Shingles
Shakes Stucco
Brick Veneer
Stone Cast S.
Terra Cotta
Struct. Glass
Trim

INTERIOR TRIM
Fir
Mah. Oak
Metal
Corr glass Windows
Stained
Varnished
Painted
Unfinished

FLOOR CONSTRUCTION
Joist Con. Size
O.C. In Bridg.
Mill Construction
Rein. Con.

Table with columns: B, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22. Includes handwritten notes like 'See Legal Sheet' and 'Average 32 ft'.

Table with columns: Other Buildings, Construction, Floor, Roof, Stories, Dimensions, S. F. Area, Factor, Value, % Dep., Deprec., Net Value.



FOLIO *3686* ADDITION *J. BUCKLEY D.C.*  
 Section *3.3* Twp. *24* Range *4* Ewm. Block *14* Lot or Tract  
 PERMIT NO. Tax Lot *14* Tract  
 DATE Address *8531 E. Marginal Way Bldg #2*

Fee Owner *ISSACSON IRON WORKS* Architect *owner*  
 Condition of Exterior *E* Interior *E* Foundation *G* Floor Plan: Good Accept. *A* Good

USE <i>Shops &amp; Warehouse</i>	No. Stories <i>1</i>	Roof Construction	Floor Finishes	Tile <input type="checkbox"/> Lino. <input type="checkbox"/>	PLUMBING
	No. Stores <i>6</i>	Steel Frame Lam <input type="checkbox"/>	Fir <input type="checkbox"/> Maple <input type="checkbox"/>	Baths <input type="checkbox"/> Fl. <input type="checkbox"/> Walls <input type="checkbox"/>	
	No. Rooms	Mill Construction	Oak <input type="checkbox"/> 2"x6" T&G	Sq. Ft. Floors	
	Basement	Rein. Concrete	Lino. <input type="checkbox"/> 3"x6" T&G	Sq. Ft. Walls	
No. Offices	<i>61</i> No. Trusses <i>69</i>	Cement <input checked="" type="checkbox"/>	Lin. Ft. Dr. Bds.	No. Fixtures <i>6</i>	
No. Apartments	Wood <input checked="" type="checkbox"/> Steel	Terrazo	Sq. Ft. Floors	Toilets	
1 rm. <input type="checkbox"/> 2 rm. <input type="checkbox"/> 3 rm. <input type="checkbox"/>	ROOFING MATERIAL	Raecolith	Lin. Ft. Dr. Bds.	Basins, Peds.	
4 rm. <input type="checkbox"/> 5 rm. <input type="checkbox"/> 6 rm. <input type="checkbox"/>	Tar and Gravel	Tile	Sq. Ft. Walls	Sinks	
	Or. <i>C.I. TAR COATED</i>	Or.	Lin. Ft. Dr. Bds.	Urinals	
			Kit's <input type="checkbox"/> Fl. <input type="checkbox"/> Walls <input type="checkbox"/>	Showers (Tub) (Stall)	
				Laundry Trays	
				H. W. Tank Fl. Drains <input type="checkbox"/>	
				Sprink. Sys. No. <i>0</i>	

TYPE OF CONSTRUCTION

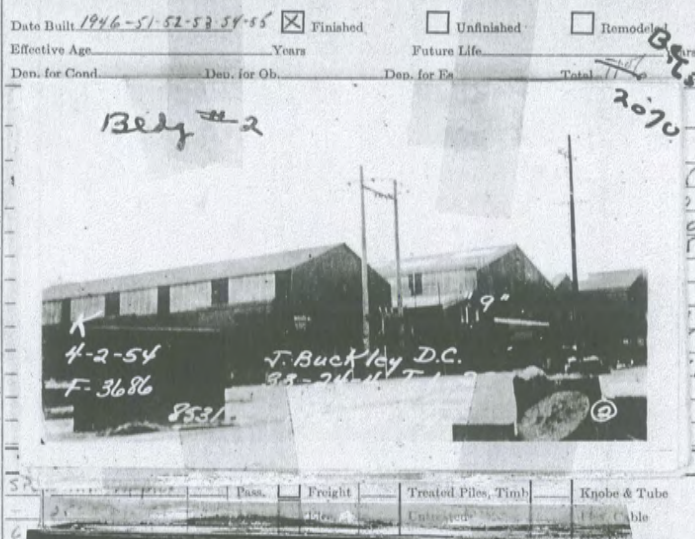
Frame  Single  Double  Ordinary Masonry  Mill Construction  Class A Rein. Con.  Stru. Steel and Con.  Tile  Brick  Con.  Rein. Con.  Good  Med.  Cheap

FOUNDATION

Mud Sills  Post and Pier  Brick  Concrete  Pile

BASEMENT

Full  %  Sub-Basement  Size  Garage  No. Cars  Floors  Plastered  Living Rooms  Service Rooms



HEATING

Stove  Pipeless Furnace  Gravity H. A.  Air Cond., Fan  Suspended Gas, Hot Water  Steam Heat  Hot Water  Oil Burner

Year	Assessed Value
1946	700,000
1957	200,000
58	267,800
1967	433,300
71	866,600

EXTERIOR WALL CONST.

Single  Double  2" x 4" Stud Walls  2" x 6" Stud Walls  Brick Walls  Brick with Pilasters  Concrete Walls  Con. with Pilasters  Tile Walls  Rein. Con. Skel.  Filler Walls  Laminated Walls

EXTERIOR FACING

Siding  Shingles  Shakes  Stucco  Brick Veneer  Stone  Cast S.  Terra Cotta  Struct. Glass  Trim

FLOOR CONSTRUCTION

Joint Con. Size  O.C.  In Bridg.  Mill Construction  Rein. Con.

Fir	10
Mah. <input type="checkbox"/> Oak <input type="checkbox"/>	11
Metal	12
<i>metal</i> Doors	13
<i>corr glass</i> Windows	14
Stained	15
Varnished	16
Painted	17
Unfinished	18
	19
	20
	21
	22

Other Buildings	Construction	Floor	Roof	Stories	Dimensions	S. F. Area	Factor	Value	% Dep.	Deprec.	Net Value
Garage								\$		\$	\$
								\$		\$	\$
								\$		\$	\$
								\$		\$	\$

4,356



Double  
nry  
on  
on.  
Con-  
rick  
ein. Con.  
ap

Effective Age \_\_\_\_\_ Years  
Future Life \_\_\_\_\_ Years

Finished  Unfinished  Remodeled

32

Bldg #9



BT  
5-25-55  
F-3686

J. Buckley D.C. 45-42  
33-24-4 TL. 14

8531 E. Marginal Way

Cars  
Floors

19



Belly #2

2070



K  
6-24-54  
F-20696

J. BUCKLEY D.C.  
33-24-4

MARGINAL WY.

2070

Year
1956
1957
'58
1967
71

19

4, 3



DISTRICT 27.56  
 PERMIT No.

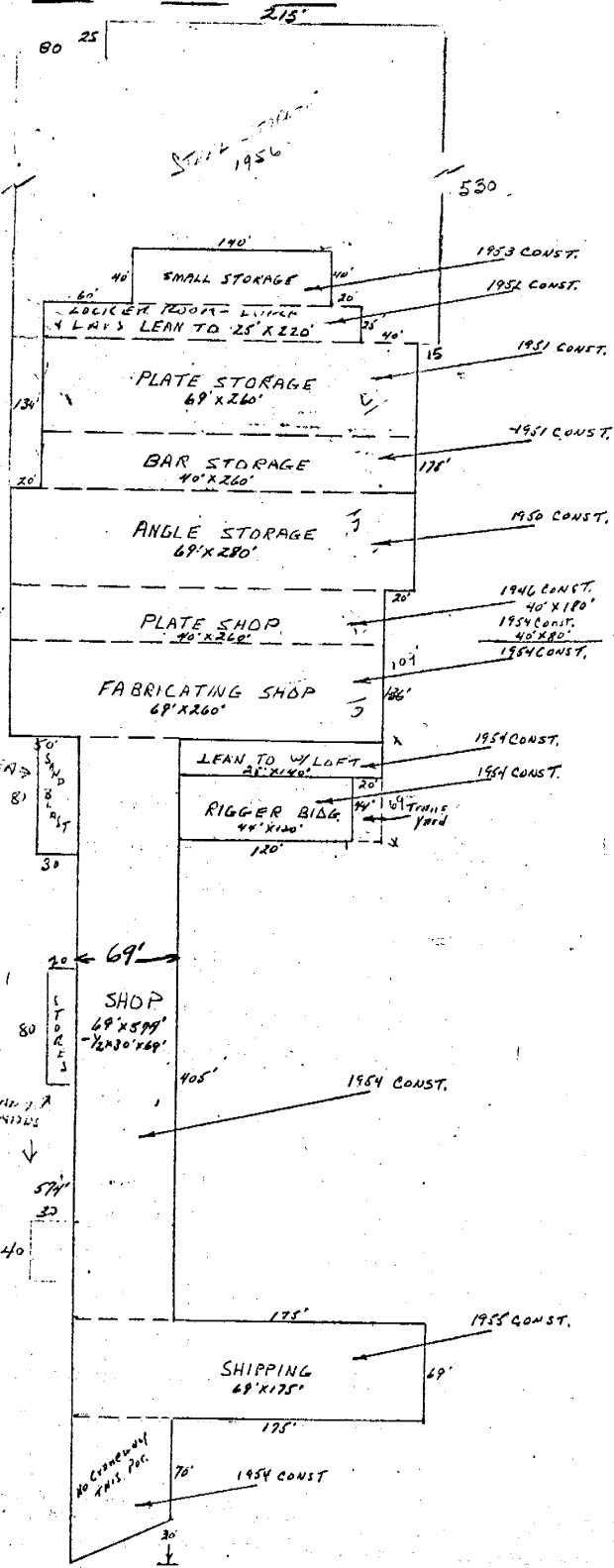
ADDITION J. BUCKLEY D.C. T.L. (14) 215  
 Section 3.3 Twp. S.Y. Range 4 Ewm Block Tract or Lot 114

DATE 8531 E. Marginal Way

Fee Owner J. JACKSON IRON WORKS Address of Property Architect

SUPL. PLAN SHEET

area 1965  
 $817 \times 295 = 241015$   
 -  $80 \times 25 = 2000$   
 -  $15 \times 287 = 4305$   
 -  $20.5109 = 2051$   
 -----  
 232530  
 +  $25 \times 140 = 3500$   
 +  $44 \times 120 = 5280$   
 +  $69 \times 574 = 39654$   
 -  $1/2 \times 30 \times 69 = 1035$   
 +  $175 \times 69 = 12075$   
 +  $80 \times 30 = 2400$   
 -----  
 294356

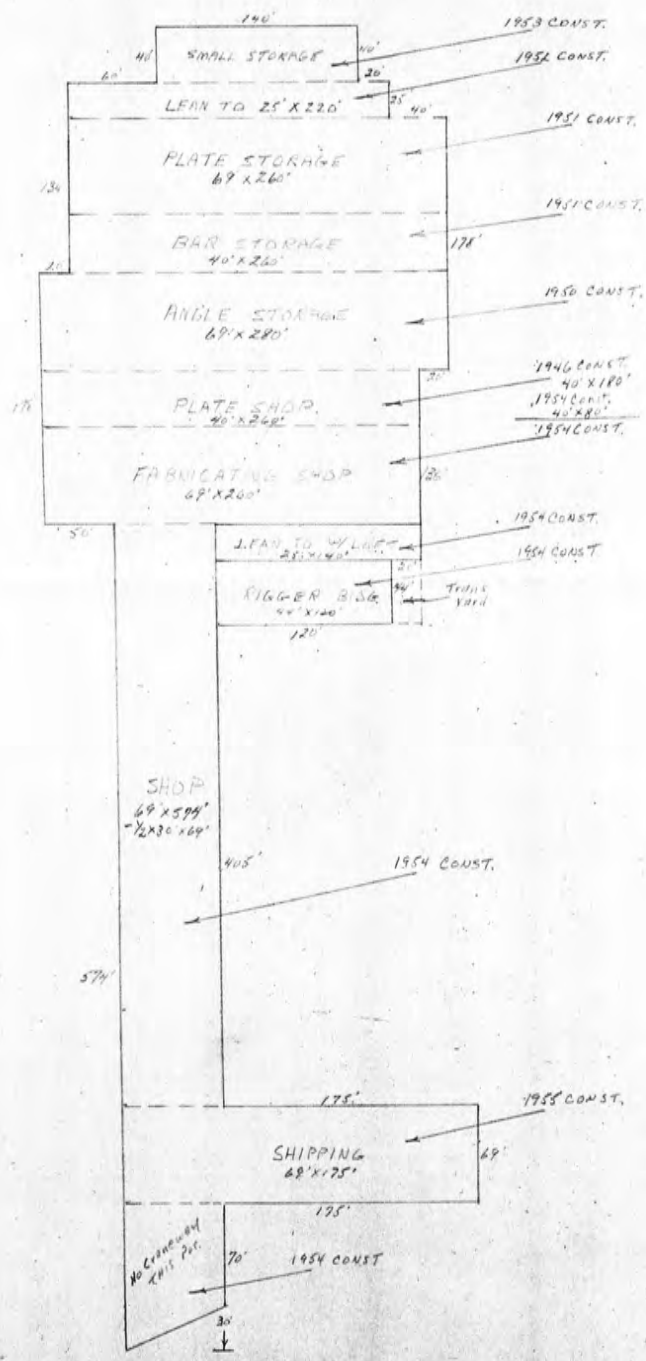


AREA

1946 -  $40 \times 180 = 7200$   
 1951 -  $69 \times 260 = 17940$   
 -  $40 \times 260 = 10400$   
 1950 -  $69 \times 280 = 19320$   
 1952 -  $25 \times 220 = 5500$   
 1953 -  $40 \times 140 = 5600$   
 1954 -  $40 \times 80 = 3200$   
 -  $69 \times 260 = 17940$   
 -  $25 \times 140 = 3500$   
 -  $44 \times 120 = 5280$   
 -  $69 \times 574 = 39654$   
 -  $1/2 \times 30 \times 69 = 1035$   
 1955 -  $69 \times 175 = 12075$   
 -----  
 Total Area 146,526'

DISTRICT 3686. ADDITION J. BUCKLEY D.C. TL (14)  
 Section 33 Twp. 34 Range 4 Ewin. Block  
 PERMIT NO.  
 DATE 8531 E. Marginal Way  
 Fee Owner ISAACSON IRON WORKS Address of Proj.

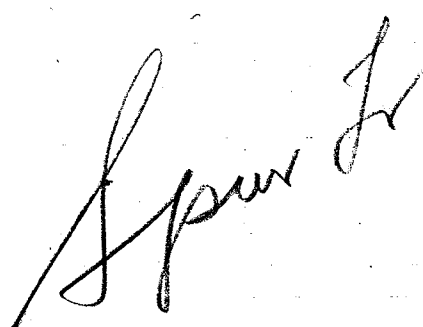
SUPL. PLAN SHEET



AREA

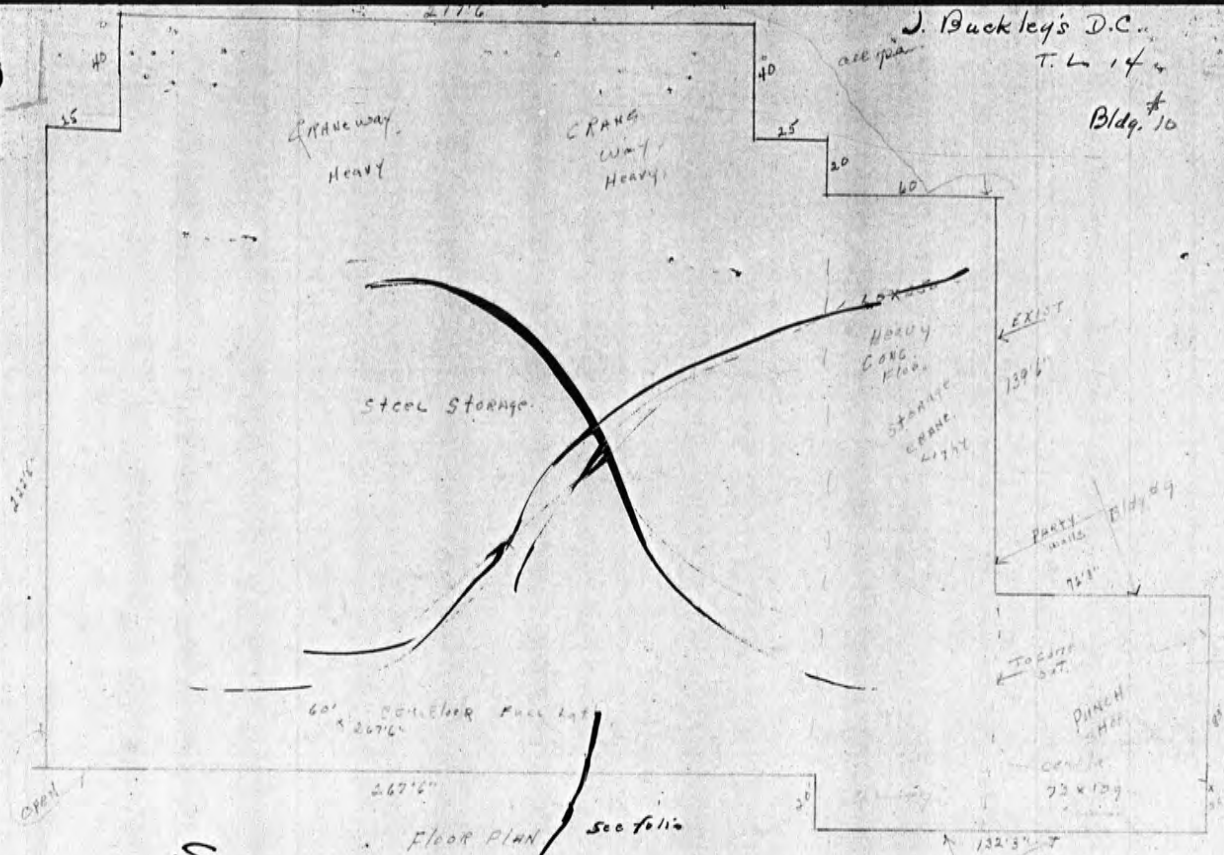
1946 - 40 x 80 =	7200
1951 - 69 x 260 =	17940
- 40 x 260 =	10400
1950 - 69 x 280 =	19320
1952 - 25 x 220 =	5500
1953 - 40 x 140 =	5600
1954 - 40 x 200 =	8000
- 69 x 260 =	17940
- 25 x 140 =	3500
- 44 x 120 =	5280
- 69 x 599 =	38571
1955 - 69 x 75 =	12075
<u>Total Area</u>	<u>146,520</u>

1 DISTRICT	2 ADDITION <b>TAX LOTS</b>			
LIMITS CO.	SECTION <b>33</b>	TWP. <b>24</b>	N. RANGE <b>4</b>	EWM: BLOCK: TRACT OR LOT NO. <b>Tax Lot 4<sup>14</sup></b>
CODE NO.	3 ADDRESS OF PROPERTY <b>"The Meadows"</b>		CONT. PURCHASER <b>Served by O &amp; W</b>	
PERMIT NO.	4 FEE OWNER <b>Bissell Lumber Co</b>		5 ARCHITECT CONTRACTOR	
	6 ORIG. BUILDING COST. \$	OCCUPIED BY	RENTAL PER MONTH \$	ESTIMATED RENTAL PER MONTH \$

7 CONDITION OF EXTERIOR		INTERIOR		FOUNDATION		FLOOR PLAN	
8 BUILDING	TILE WORK	EXTERIOR WALLS	EXTRA FEATURES	CONSTRUCTION	DOWN SPOUTS SEWER CON.		
				CEILING HEIGHT			
				9 CORNER JOINTS	INCH CENTER BRIDGED		
				10 1ST FL. JOIST SIZE	X	AND	X
				11 1ST FL. JOIST SUPPORT COLUMN OR POST SIZE	X		
	ATTIC	PORCHES	BUILT-INS	12 CLASS OR GRADE NO.			
				13 BUILDING FINISHED OR UNFINISHED			
INTERIOR WALLS				14 DEPRECIATION: COND.	% OBSLSE	% ECON. SUIT	% TOTAL %
				DATE BUILT	REMODELED		
				EFFECTIVE AGE	YEARS	FUTURE LIFE	YEARS
	HEATING						
FLOORS							
FIRE PLACE	BASEMENT						
INTERIOR TRIM							
PLUMBING	FOUNDATION						
	ROOF						

BUILDING	
DIMENSIONS	SQUARE FT. AREA
X	
X	
X	
X	
PCH. X	
PCH. X*	
IMPROVEMENT VALUE	
MAIN BUILDING	\$
OTHER BUILDINGS	\$
TOTAL	\$
ASSESSED VALUE 50%	\$ 100.
DATE	200-71

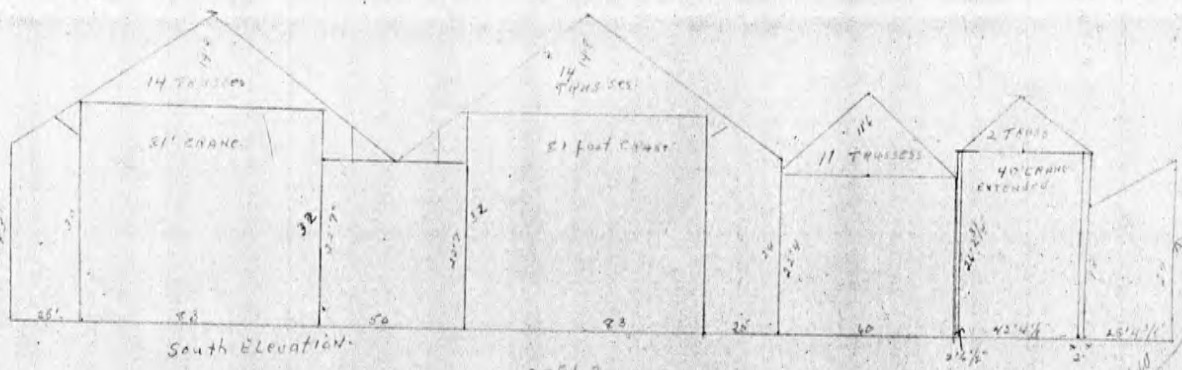
J. Buckley's D.C.  
 T.L. 14  
 Bldg. # 10



281'6" x 397'9" = 113,000  
 267'6" x 132'3" = 35,400  
 267'6" x 72'6" = 19,400

Save for ref 12/45 B.C.

FLOOR PLAN See folio



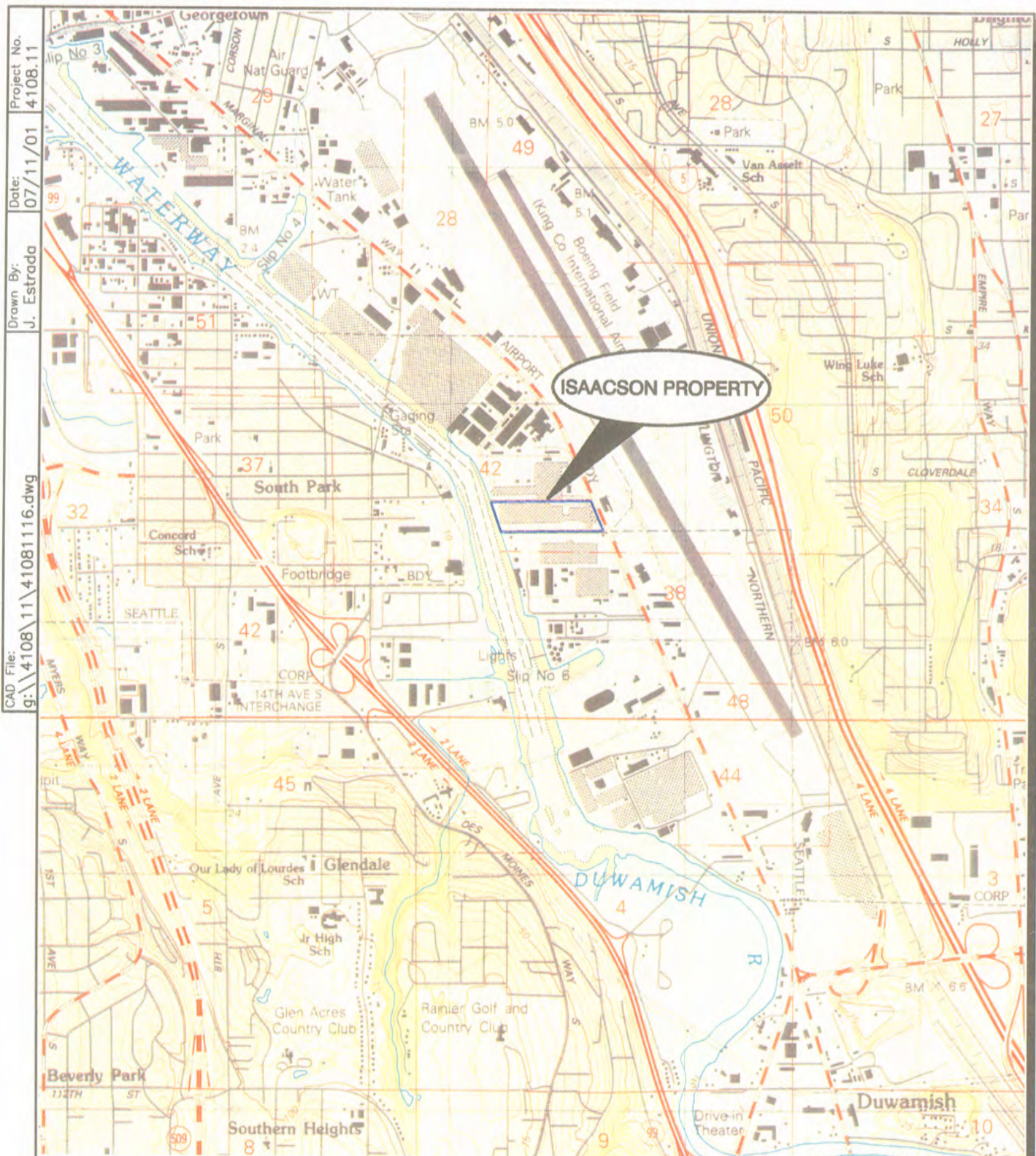
398'3"  
 50 To 1 scale this way  
 20 To 1 vertical

EXACT WALL PITCH

Por of DC in Sec 33-24-4 Beg at nxn of S ln of H Van Asselt DC # 50 with SWly mgn of  
E Marginal Way th N 23-40-40 W alg sd SWly mgn 379.39 ft to tpob th contg N 23-40-40  
W 424.419 ft th S 89-39-25 W 789 ft th N 00-20-35 W 1 ft th S 89-45-34 W 558.82 ft  
to Ely ln of CWW #1 R/W th SEly alg sd R/W to Wly prod of S ln of Tr Aud 4739857 th  
E alg sd S ln to tpob

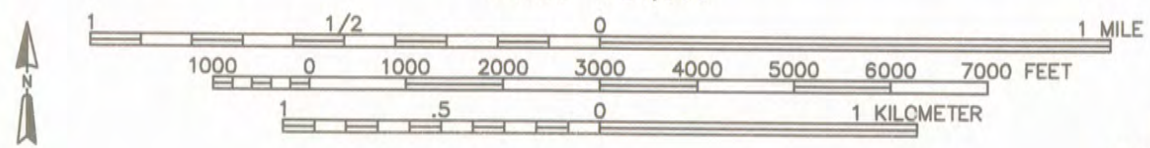
# Figures from Previous Site Investigations





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 Drawn By: J. Estrada  
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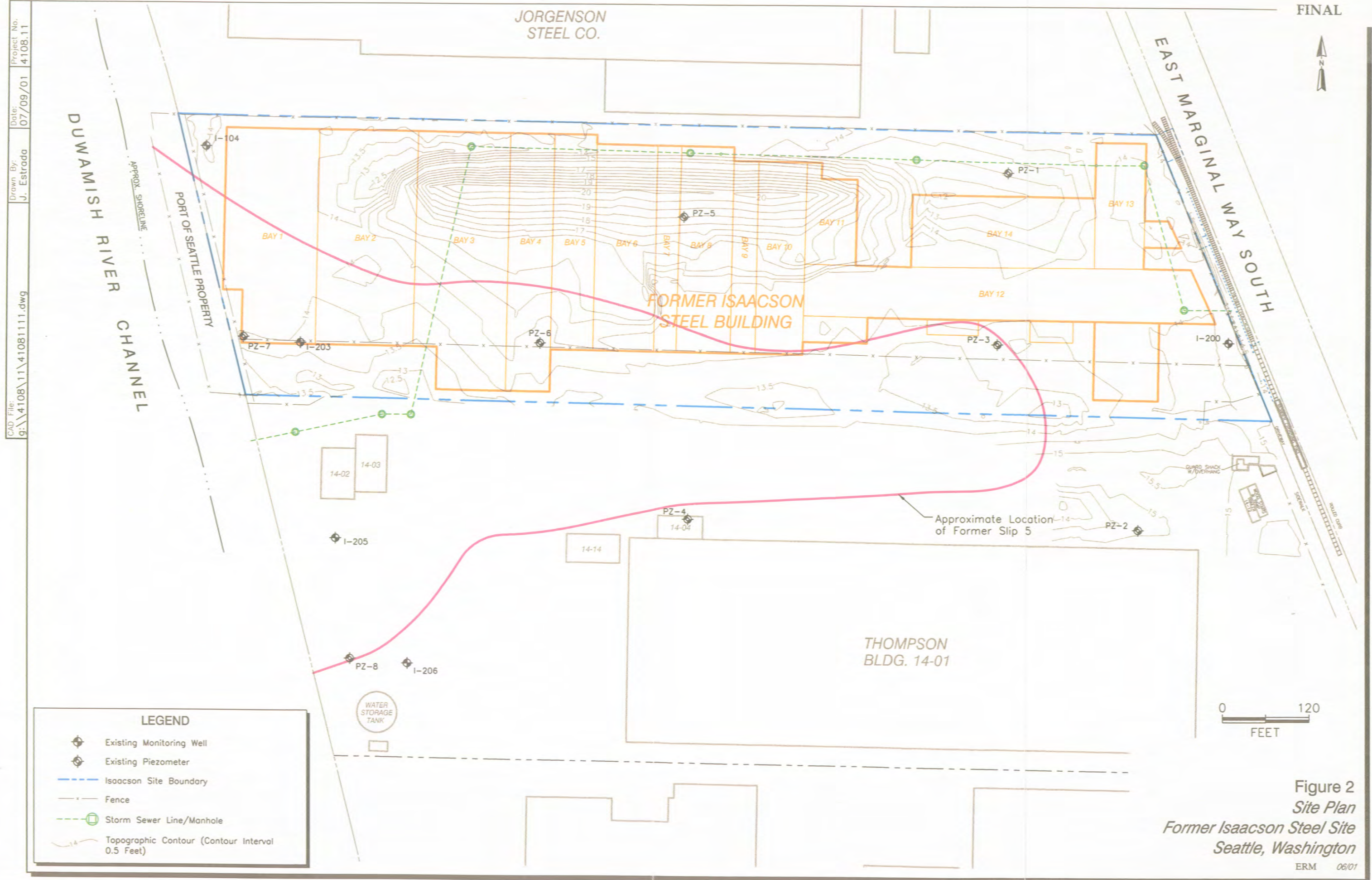
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References:  
 U.S.G.S. 7.5 Minute Series  
 (Topographic-Bathymetric) Quadrangle,  
 Seattle South, Washington  
 Dated: 1983

**Figure 1**  
*Site Vicinity*  
*Former Isaacson Steel Site*  
*Seattle, Washington*





CAD File: g:\4108\11\41081111.dwg  
 Drawn By: J. Estrada  
 Date: 07/09/01  
 Project No. 4108.11

**LEGEND**

- Existing Monitoring Well
- Existing Piezometer
- Isaacson Site Boundary
- Fence
- Storm Sewer Line/Manhole
- Topographic Contour (Contour Interval 0.5 Feet)

Figure 2  
 Site Plan  
 Former Isaacson Steel Site  
 Seattle, Washington  
 ERM 06/01

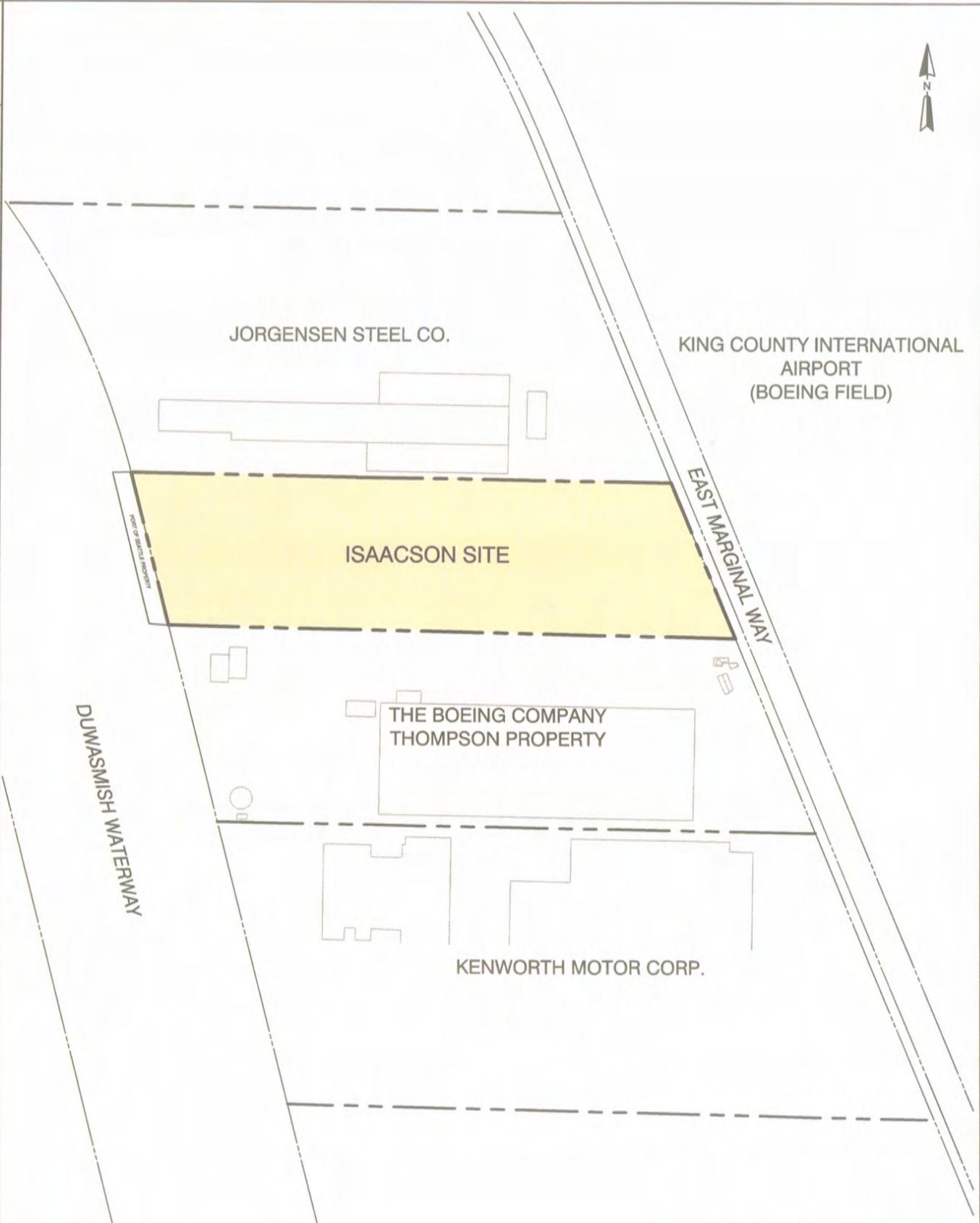


Project No.  
4108.11

Date:  
07/09/01

Drawn By:  
J. Estrada

CAD File:  
g:\4108\11\41081115.dwg



0 350  
FEET

Figure 3  
*Land Use in Site Vicinity  
Former Isaacson Steel Site  
Seattle, Washington*



View to West-Northwest

Figure 4  
*Site Photograph 1 - June 2001*  
*Former Isaacson Steel Site*  
*Seattle, Washington*





View to West

Figure 5  
*Site Photograph 2 - June 2001*  
*Former Isaacson Steel Site*  
*Seattle, Washington*

ERM 07/01



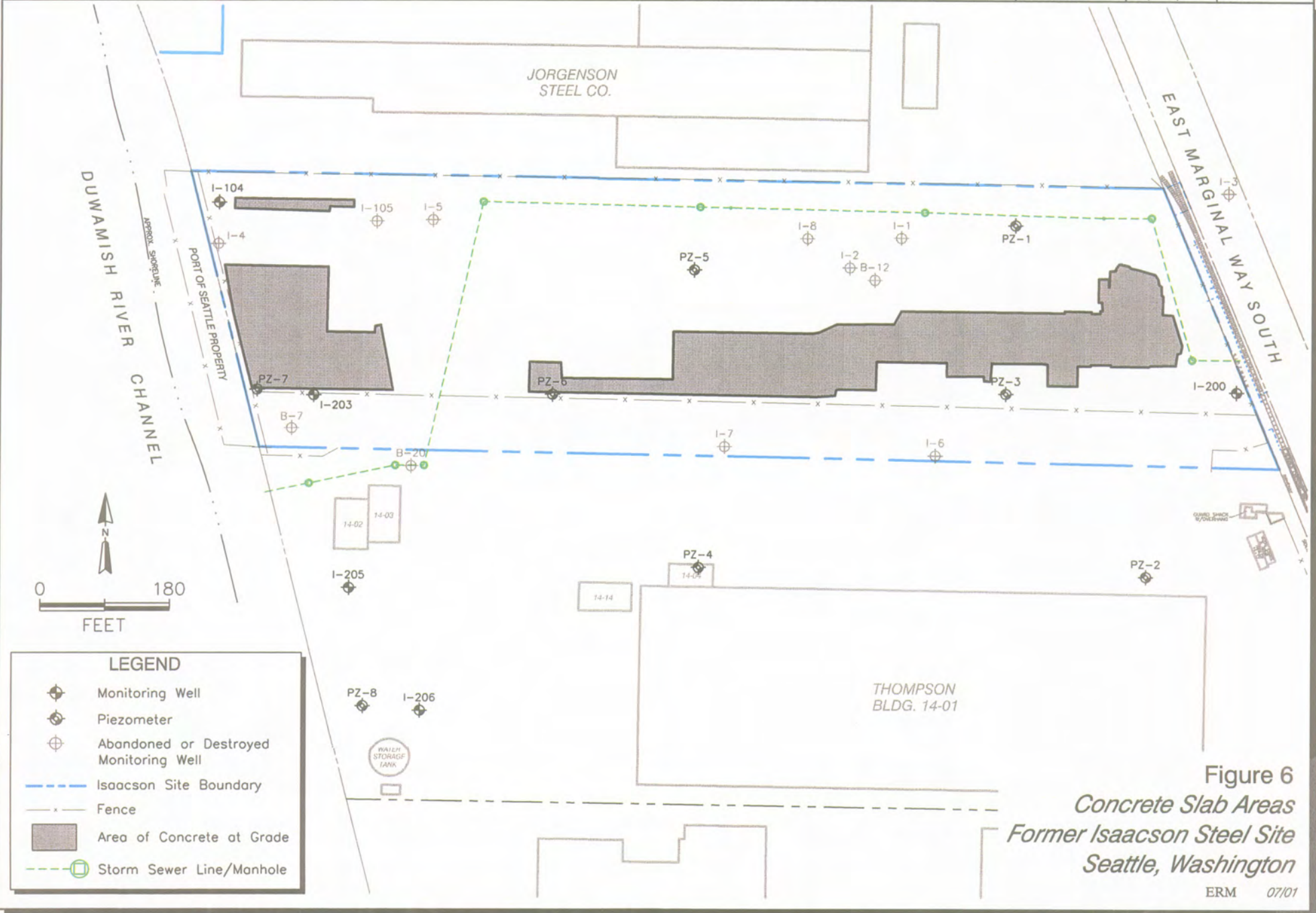
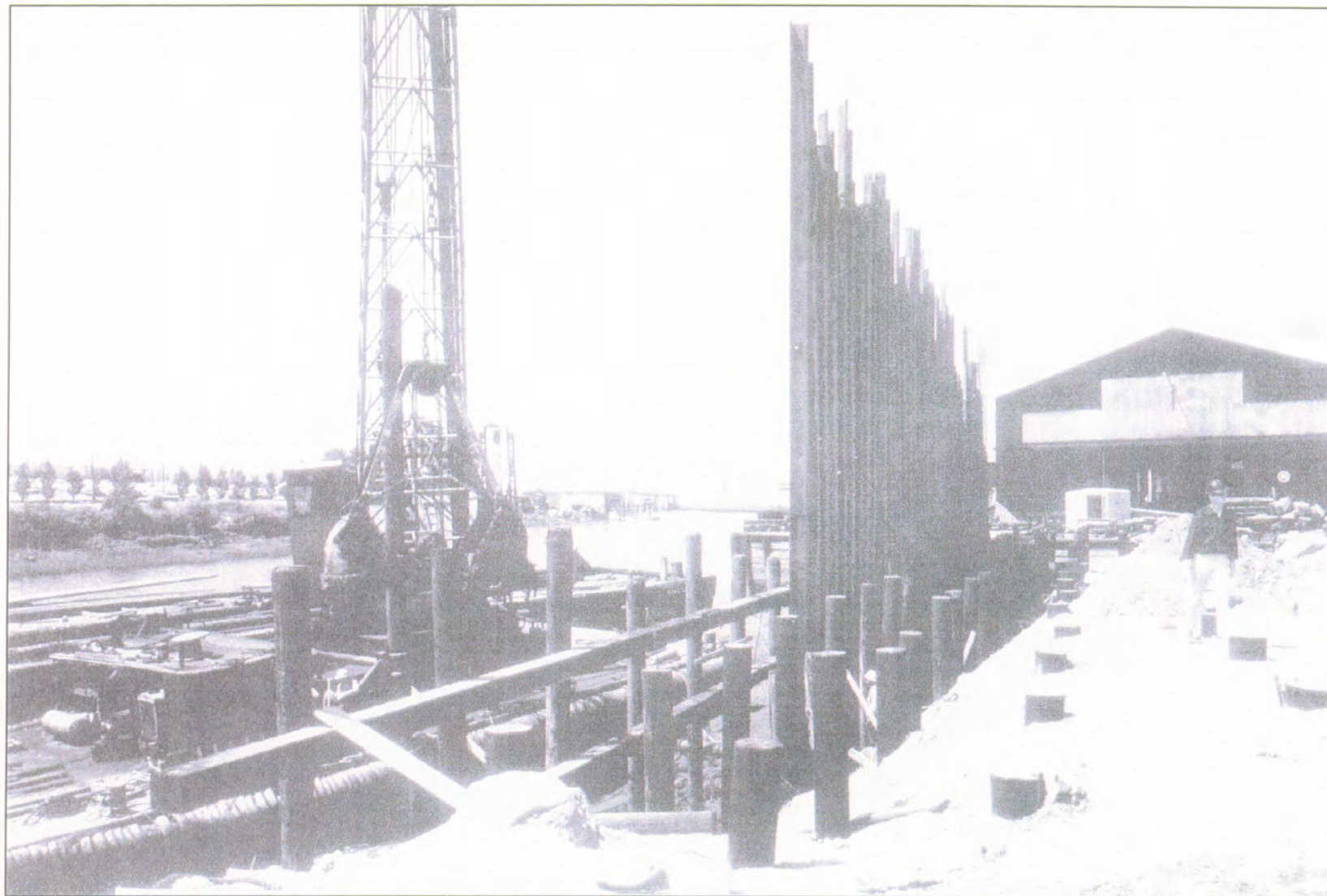


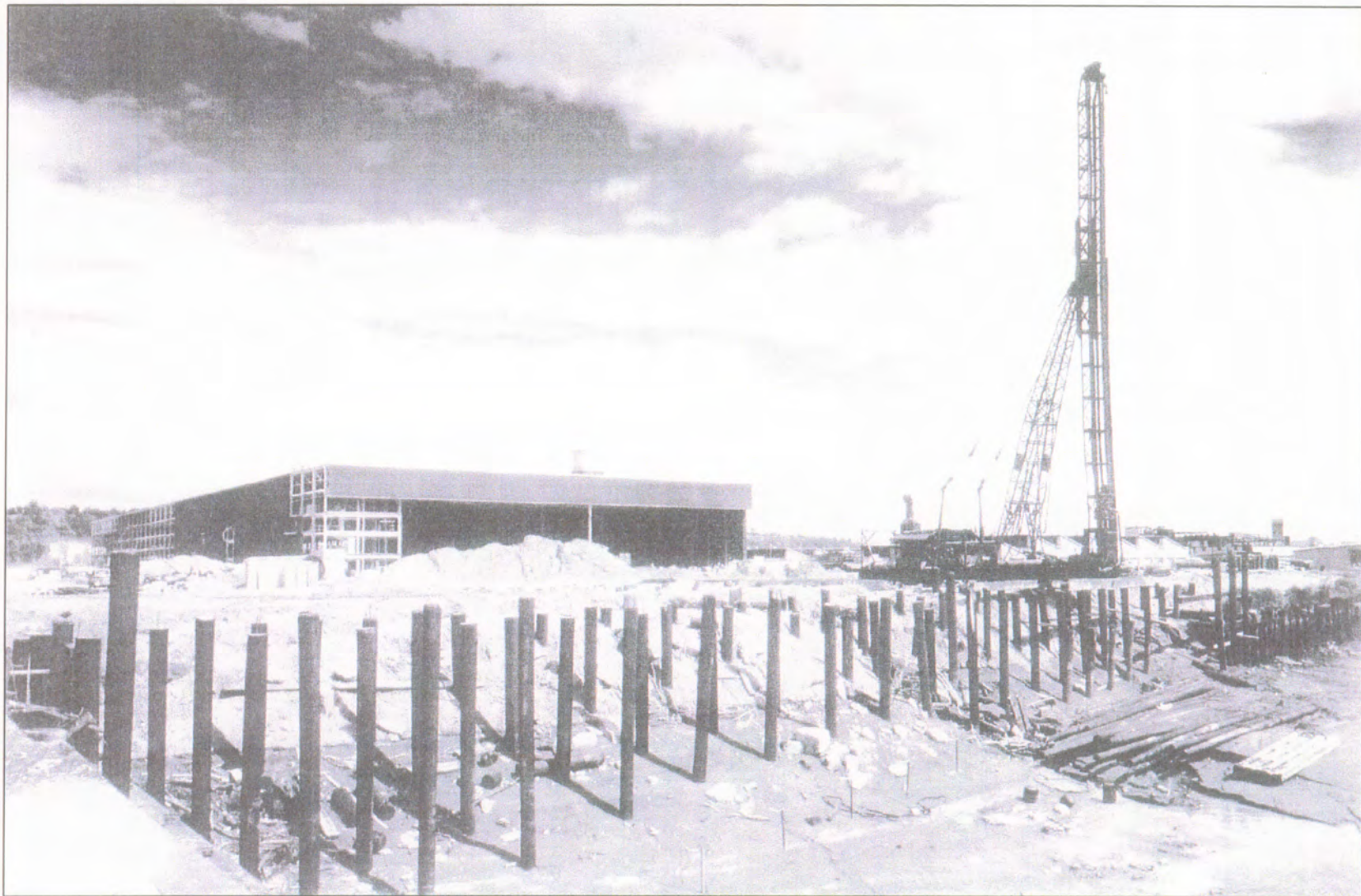
Figure 6  
*Concrete Slab Areas  
 Former Isaacson Steel Site  
 Seattle, Washington*



View to North

Figure 7  
*Pier and Bulkhead Construction North of Slip 5 - July 1966*  
*Former Isaacson Steel Site*  
*Seattle, Washington*

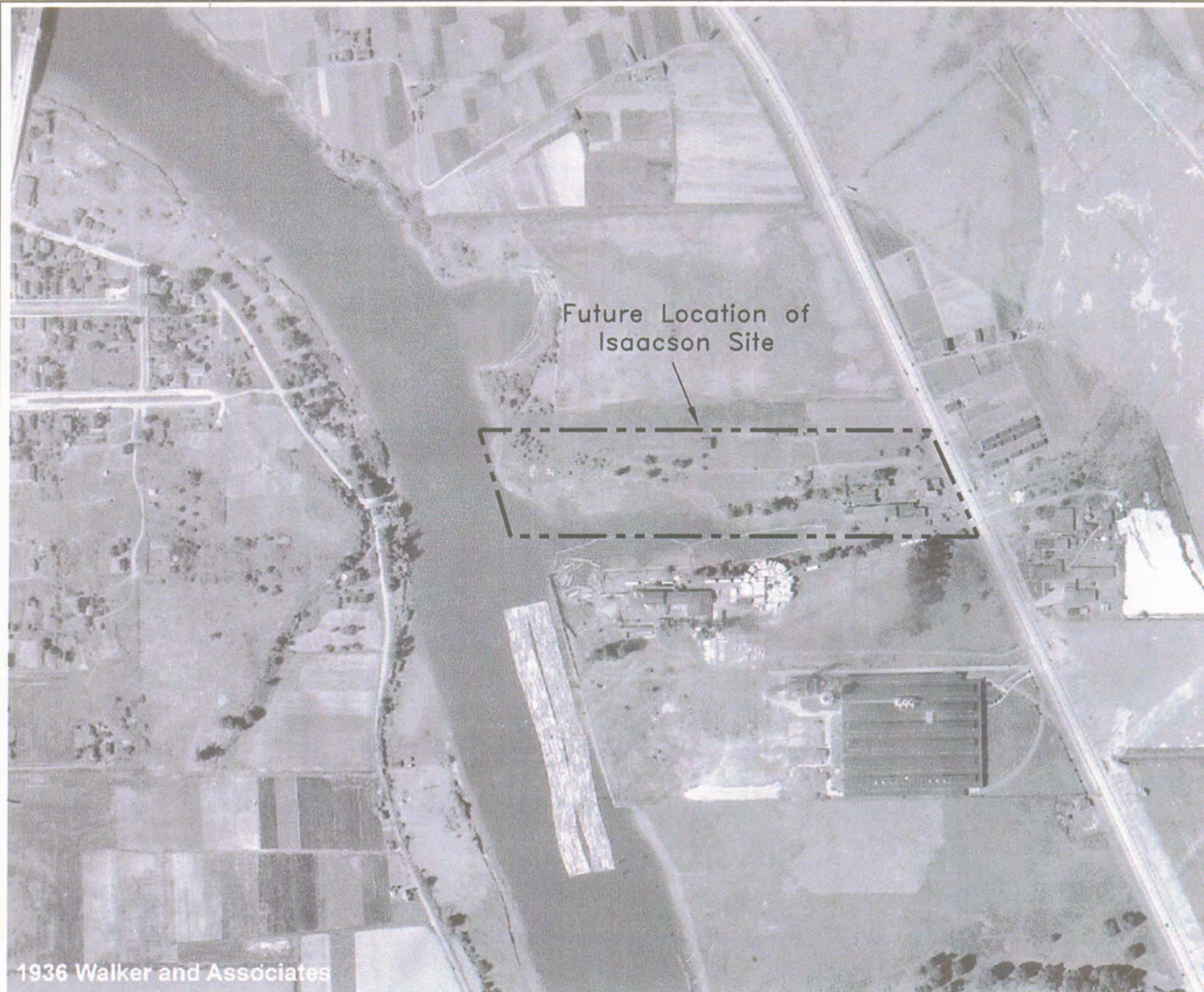




View to Southeast

Figure 8  
*Bulkhead Construction South of Slip 5 - July 1966*  
*Former Isaacson Steel Site*  
*Seattle, Washington*





1936 Walker and Associates

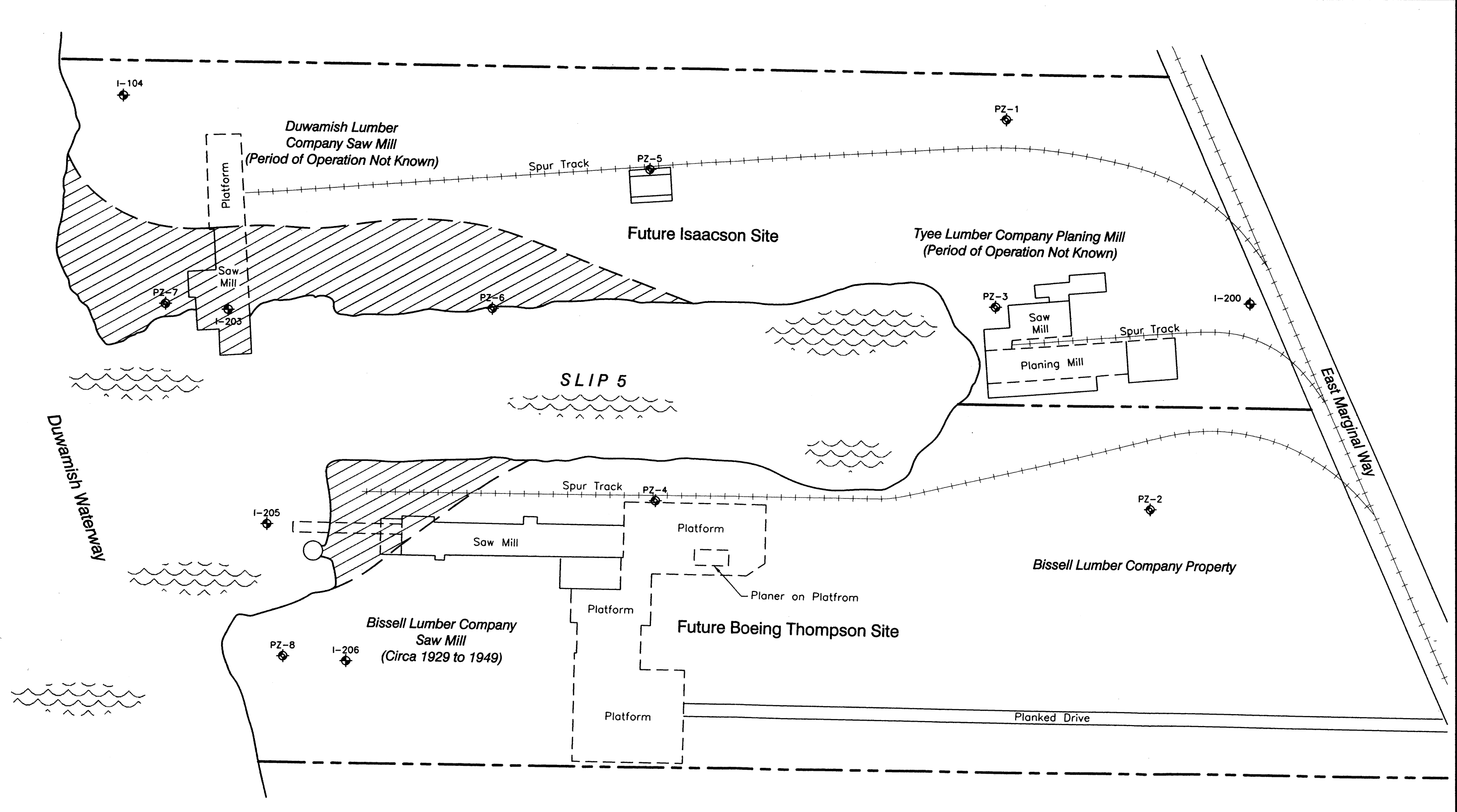
Scale ≈ 1:5,680

Figure 9  
*Aerial Photograph - 1936*  
*Former Isaacson Steel Site*  
*Seattle, Washington*

ERM 07/01

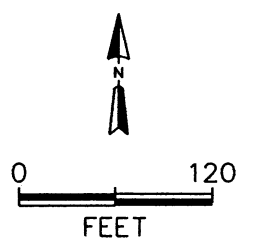
FINAL

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Drawn By: J. Estrada  
Date: 07/17/01  
Project No: 4108.11



**LEGEND**

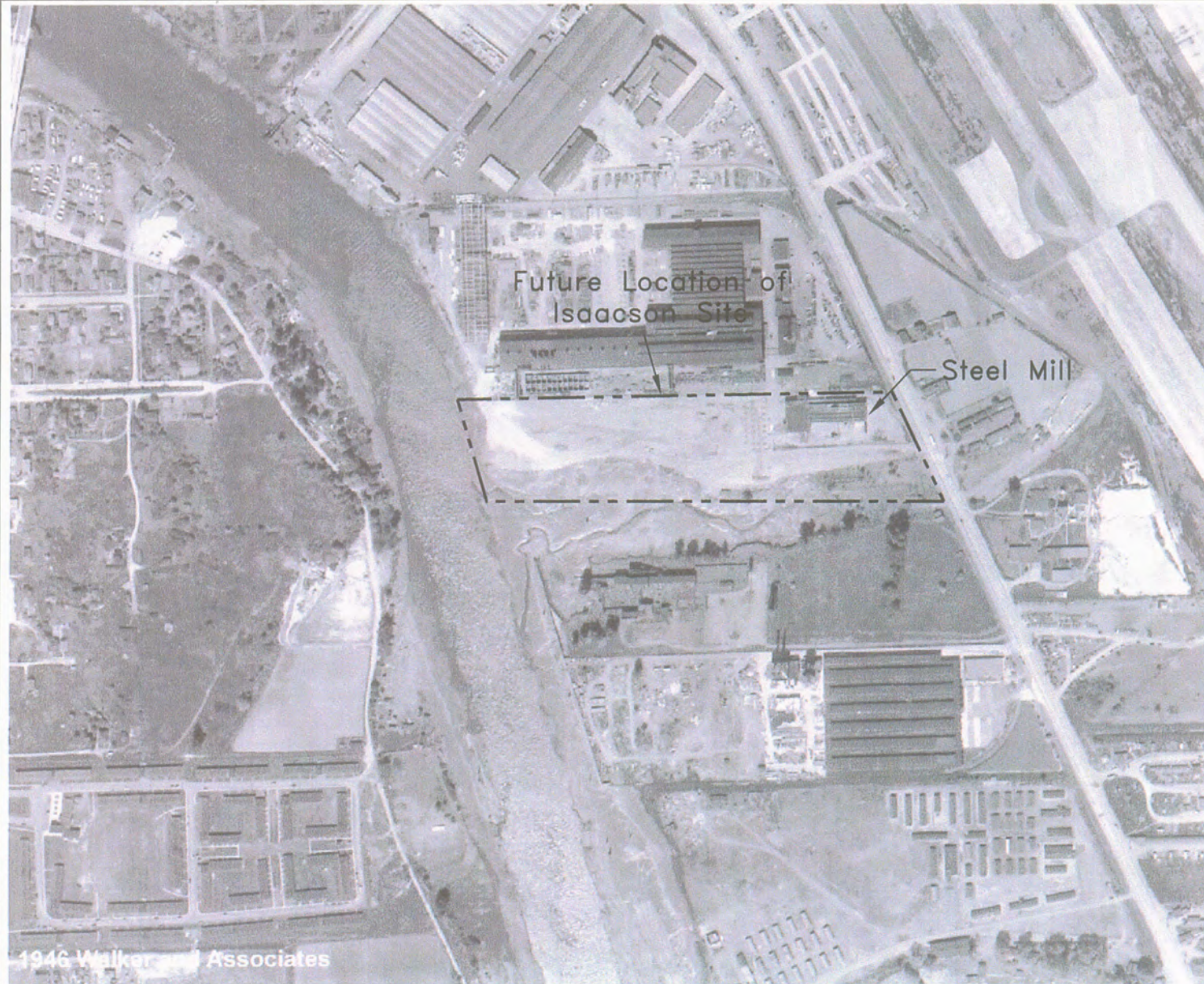
- Monitoring Well Location-2001
- Piezometer Location-2001
- Original Slip 5 Shoreline Based on 1936 Photograph



From GeoEngineers 1997

Figure 10  
 Site Conditions Circa 1940  
 Former Isaacson Steel Site  
 Seattle, Washington





1946 Walker and Associates

Scale  $\approx$  1:5,880

Figure 11  
*Aerial Photograph - 1946*  
*Former Isaacson Steel Site*  
*Seattle, Washington*

ERM 07/01





1956 Walker and Associates

Scale  $\cong$  1:6,550

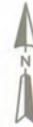


Figure 12  
*Aerial Photograph - 1956*  
*Former Isaacson Steel Site*  
*Seattle, Washington*

ERM 07/01





View to Southwest

Figure 13  
*Aerial Photograph - 1966*  
*Former Isaacson Steel Site*  
*Seattle, Washington*





Isaacson Site

View to East

Figure 14  
*Aerial Photograph - Circa 1975  
Former Isaacson Steel Site  
Seattle, Washington*

ERM 07/01

FINAL





Isaacson Site

View to South

Figure 15  
*Aerial Photograph - 1989*  
*Former Isaacson Steel Site*  
*Seattle, Washington*

ERM 07/01



DUWAMISH RIVER CHANNEL  
 APPROX. SHORELINE  
 PORT OF SEATTLE PROPERTY

JORGENSEN STEEL CO.

EAST MARGINAL WAY SOUTH



Adapted From GeoEngineers (1987)

**LEGEND**

- Monitoring Well
- Piezometer
- Isaacson Site Boundary
- Fence
- Early 1900s-1946  
Random Fill, Consisting of Gravel,  
Sand, Slag, Demolition Waste, and Crushed  
Rocks (Wicks 1983)
- 1946-1960(A)  
Random Fill
- 1946-1960(A)  
Some Random Fill Along with Fill From  
Off-Site Sources (Dames & Moore 1983)
- 1960-1965  
Slag, Construction and Demolition Debris,  
and Imported Soil
- 1965-1966  
Imported Construction-Quality Sand Fill  
Material
- (A) Fill Placed During The Same Time Period  
But From Possibly Different Sources

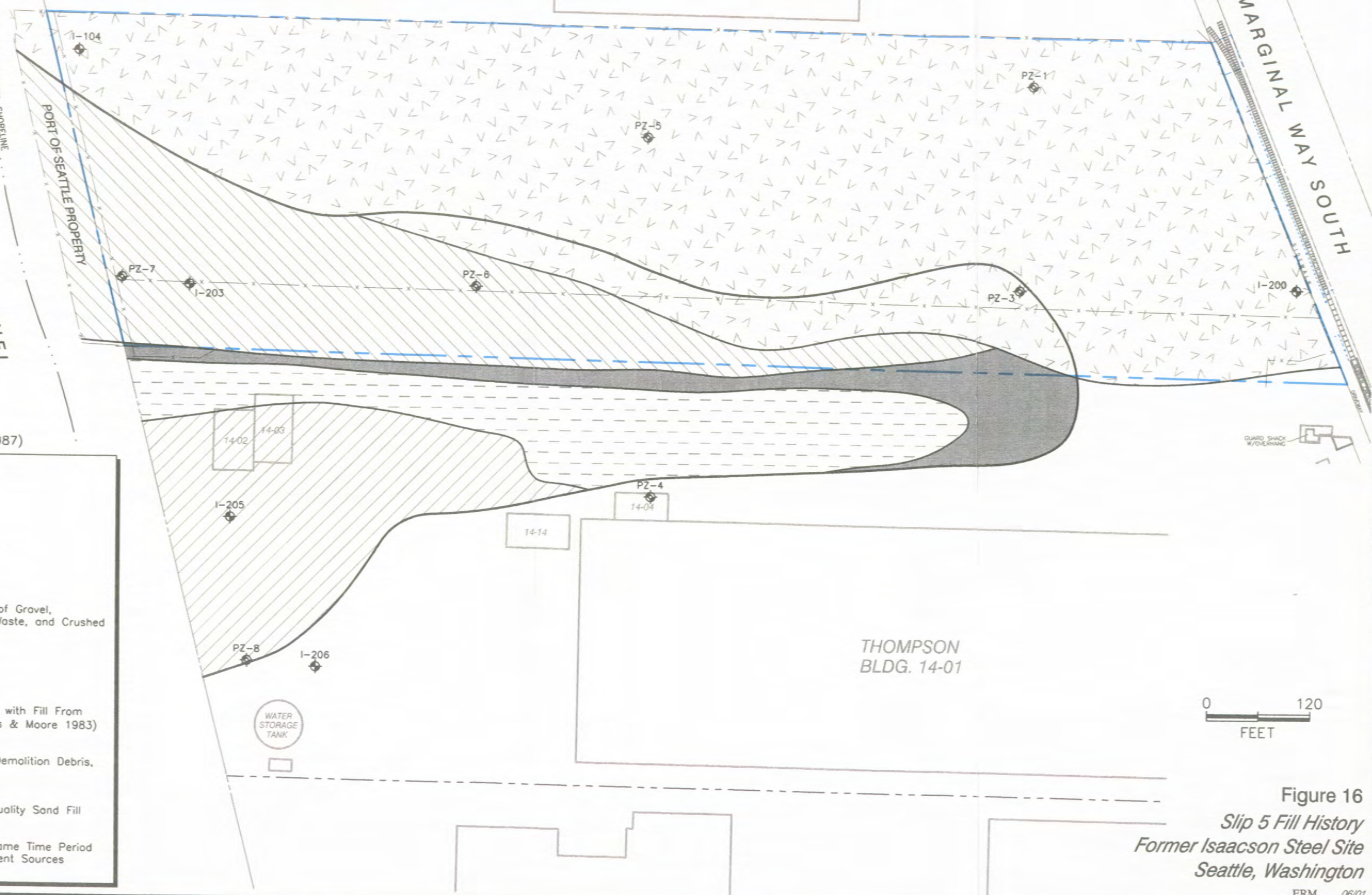
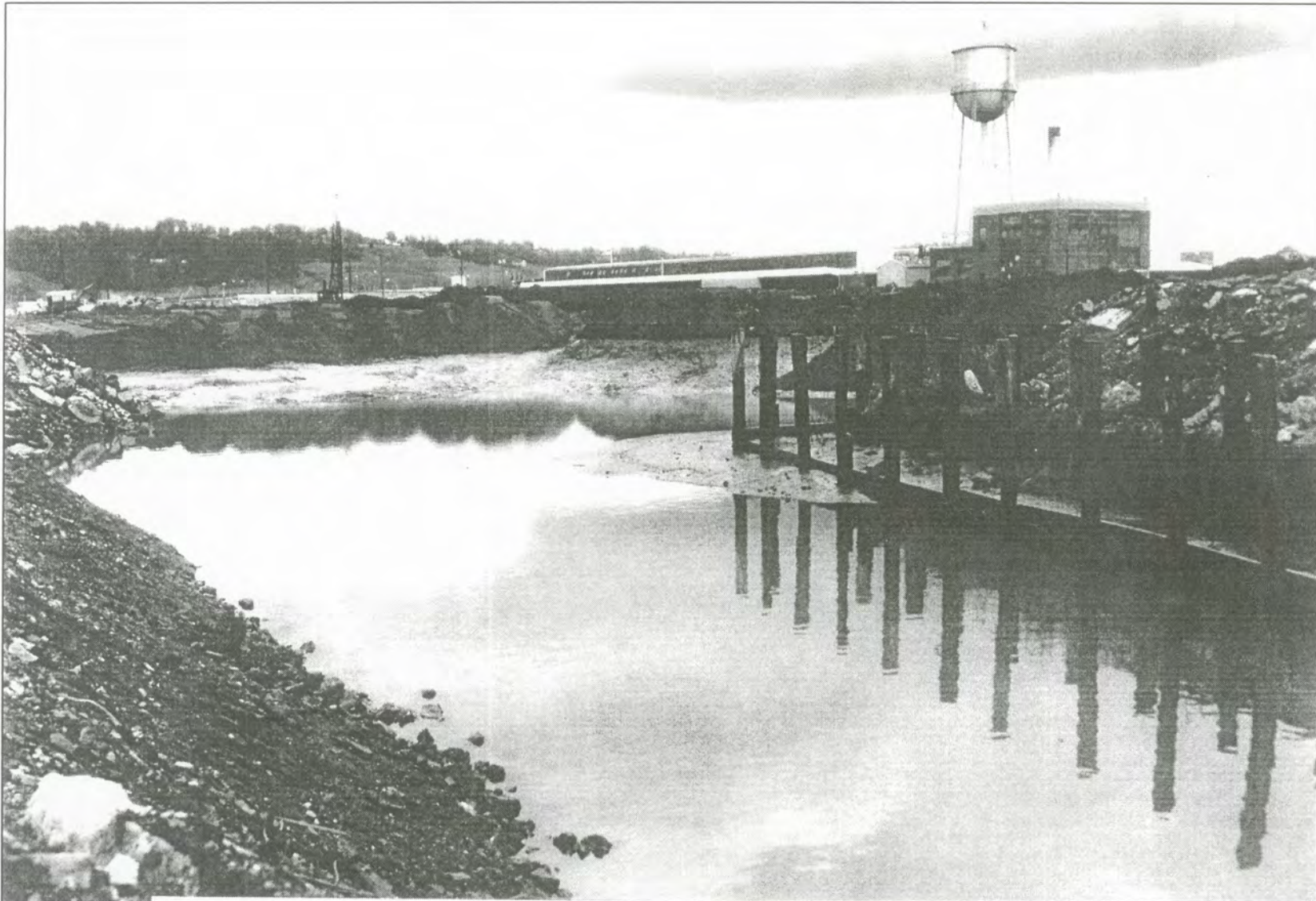


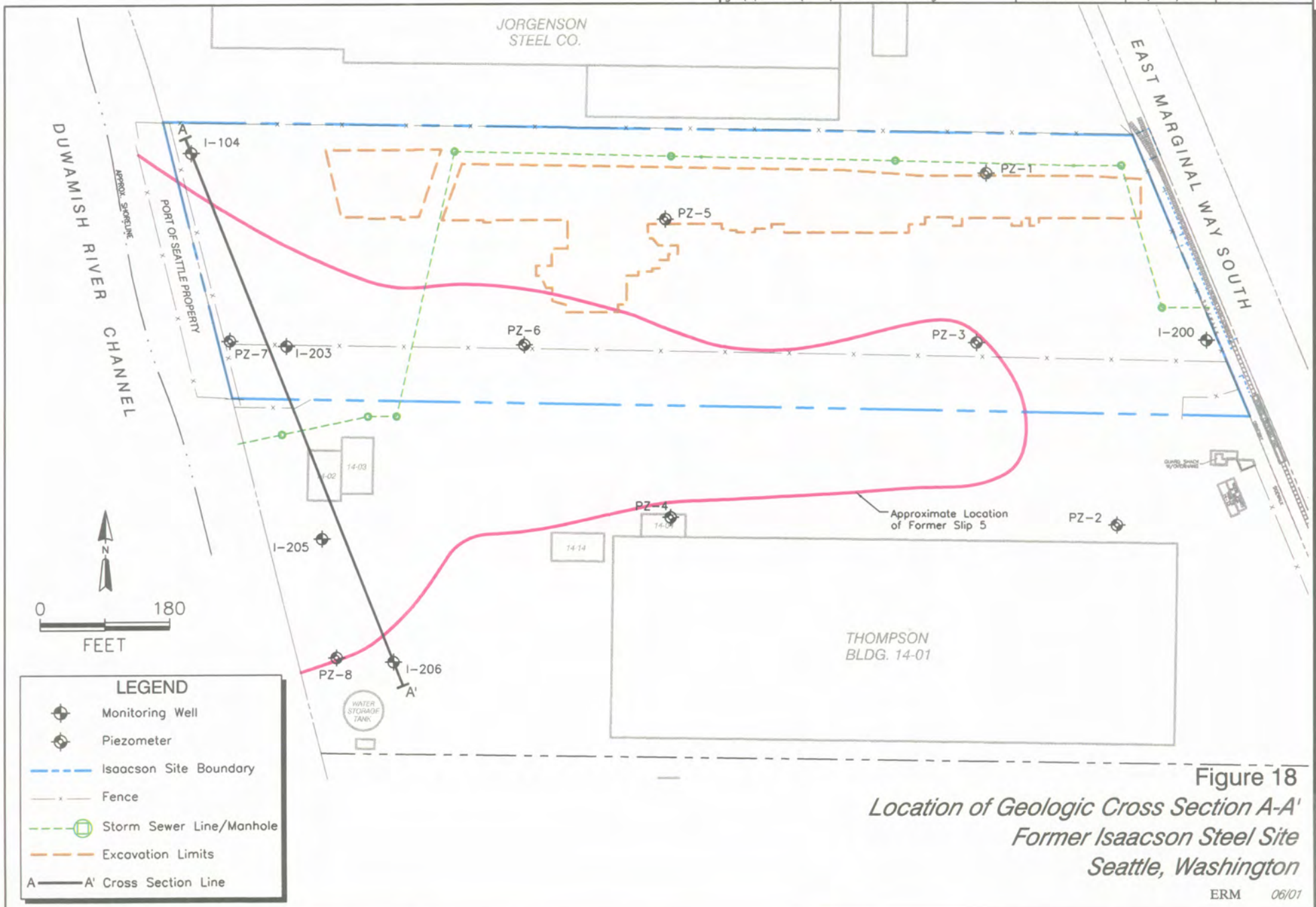
Figure 16  
 Slip 5 Fill History  
 Former Isaacson Steel Site  
 Seattle, Washington





View to South-Southeast

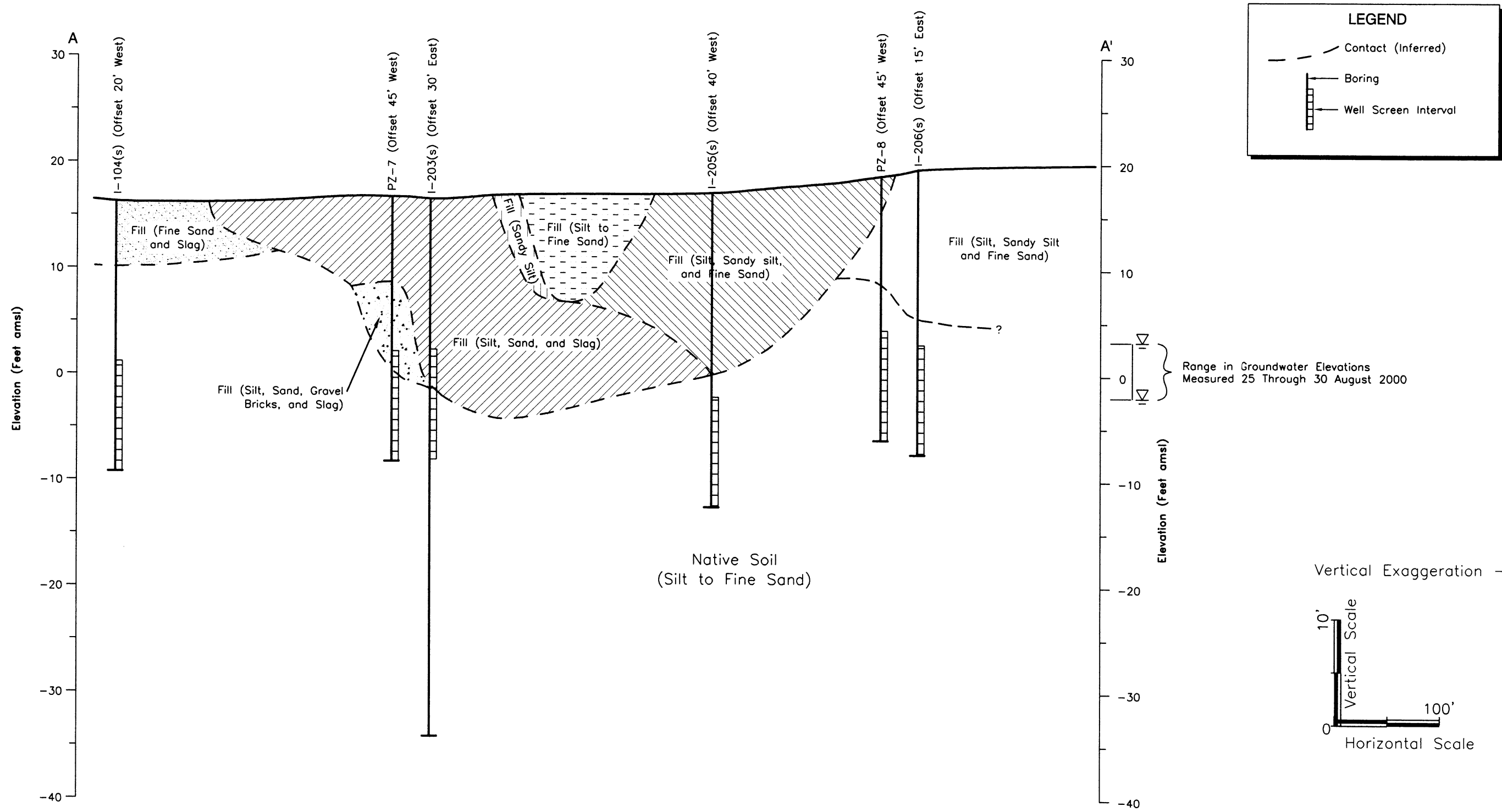
Figure 17  
*Slip 5 - February 1966*  
*Former Isaacson Steel Site*  
*Seattle, Washington*



**Figure 18**  
*Location of Geologic Cross Section A-A'*  
*Former Isaacson Steel Site*  
*Seattle, Washington*



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 Drawn By: J. Estrada  
 Date: 07/11/01  
 Project No: 4108.11



Modified from GeoEngineers (1997).

**Figure 19**  
*Geologic Cross Section A-A'*  
*Former Isaacson Steel Site*  
*Seattle, Washington*

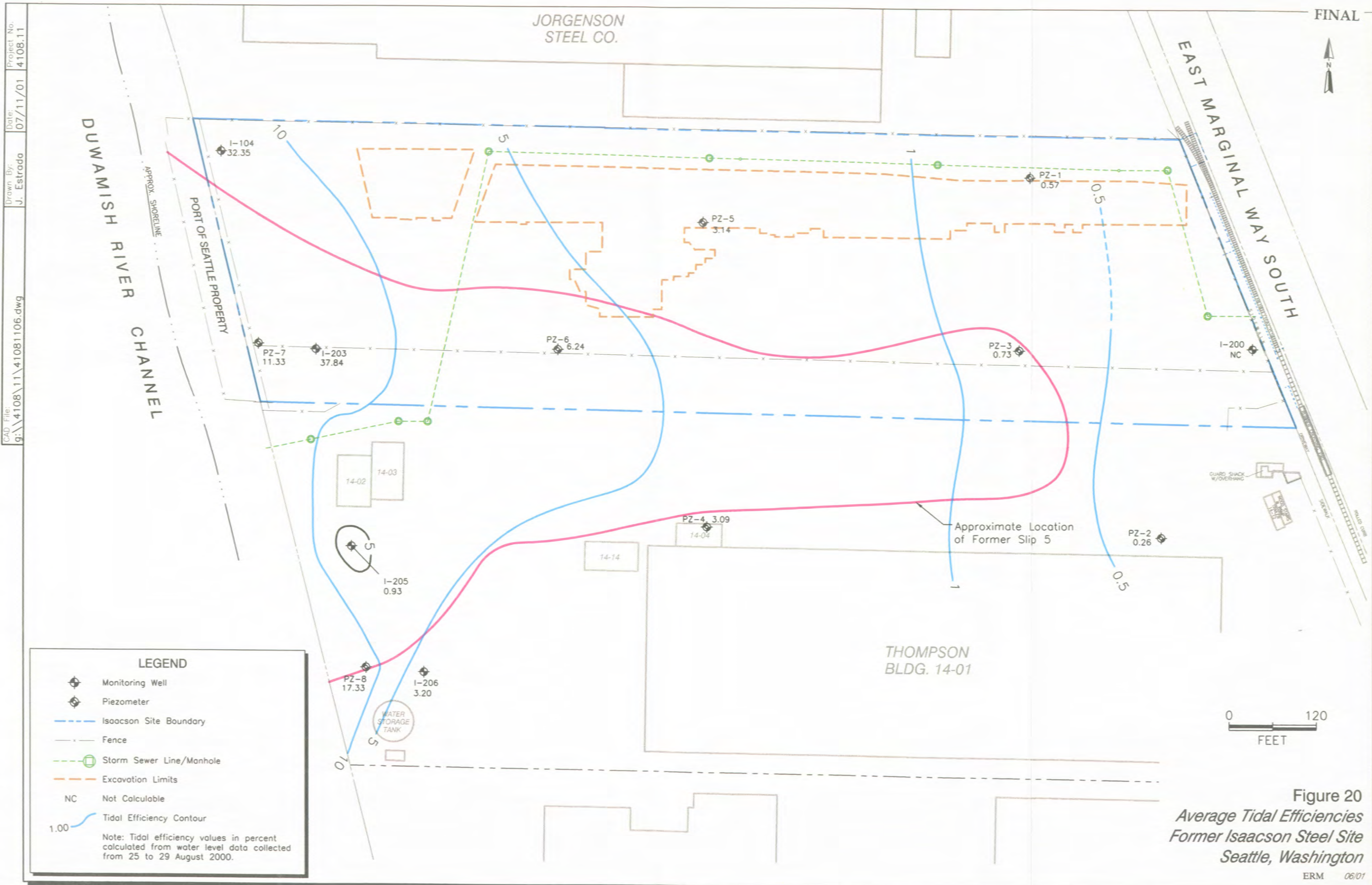
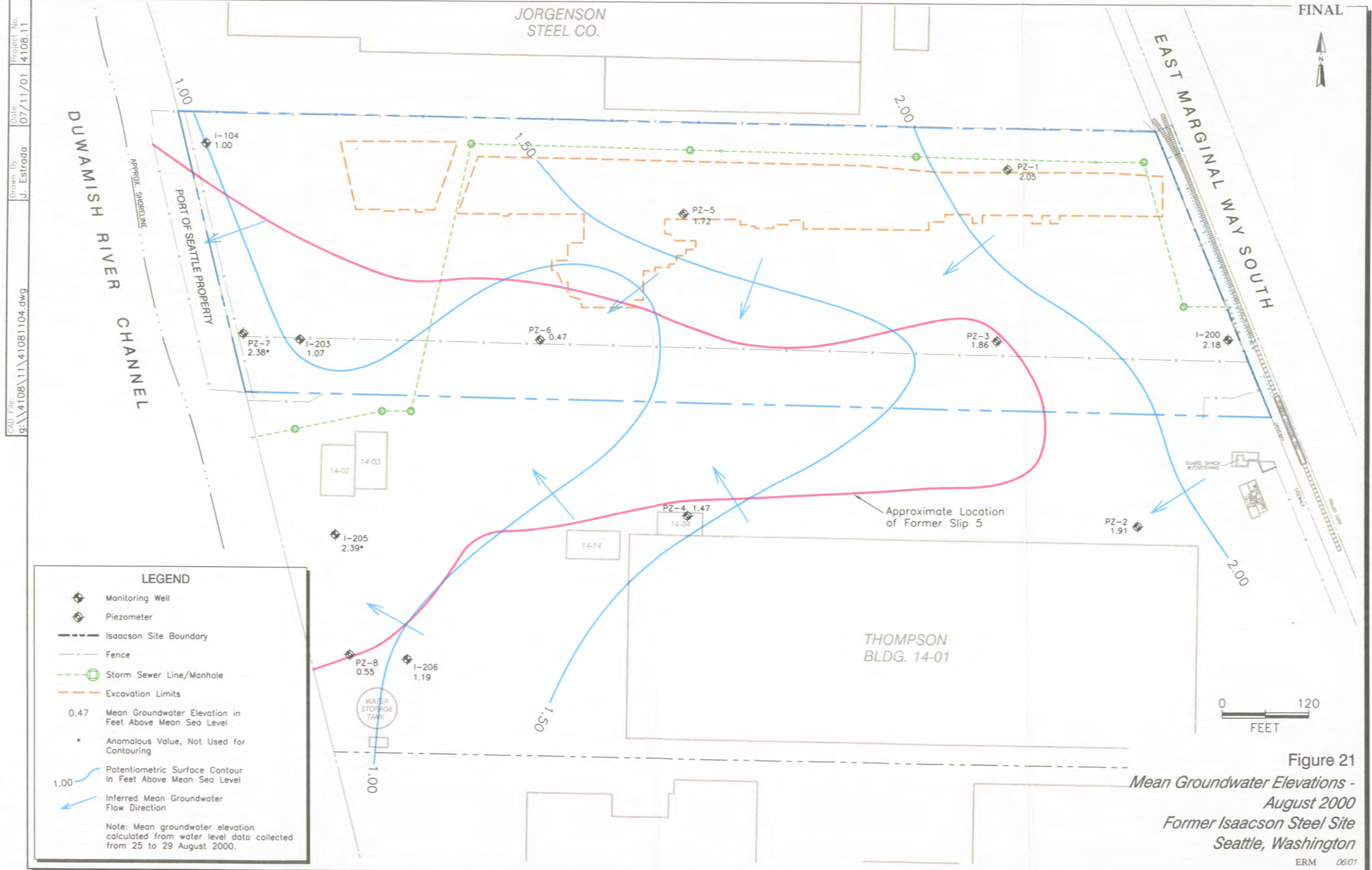


Figure 20  
Average Tidal Efficiencies  
Former Isaacson Steel Site  
Seattle, Washington

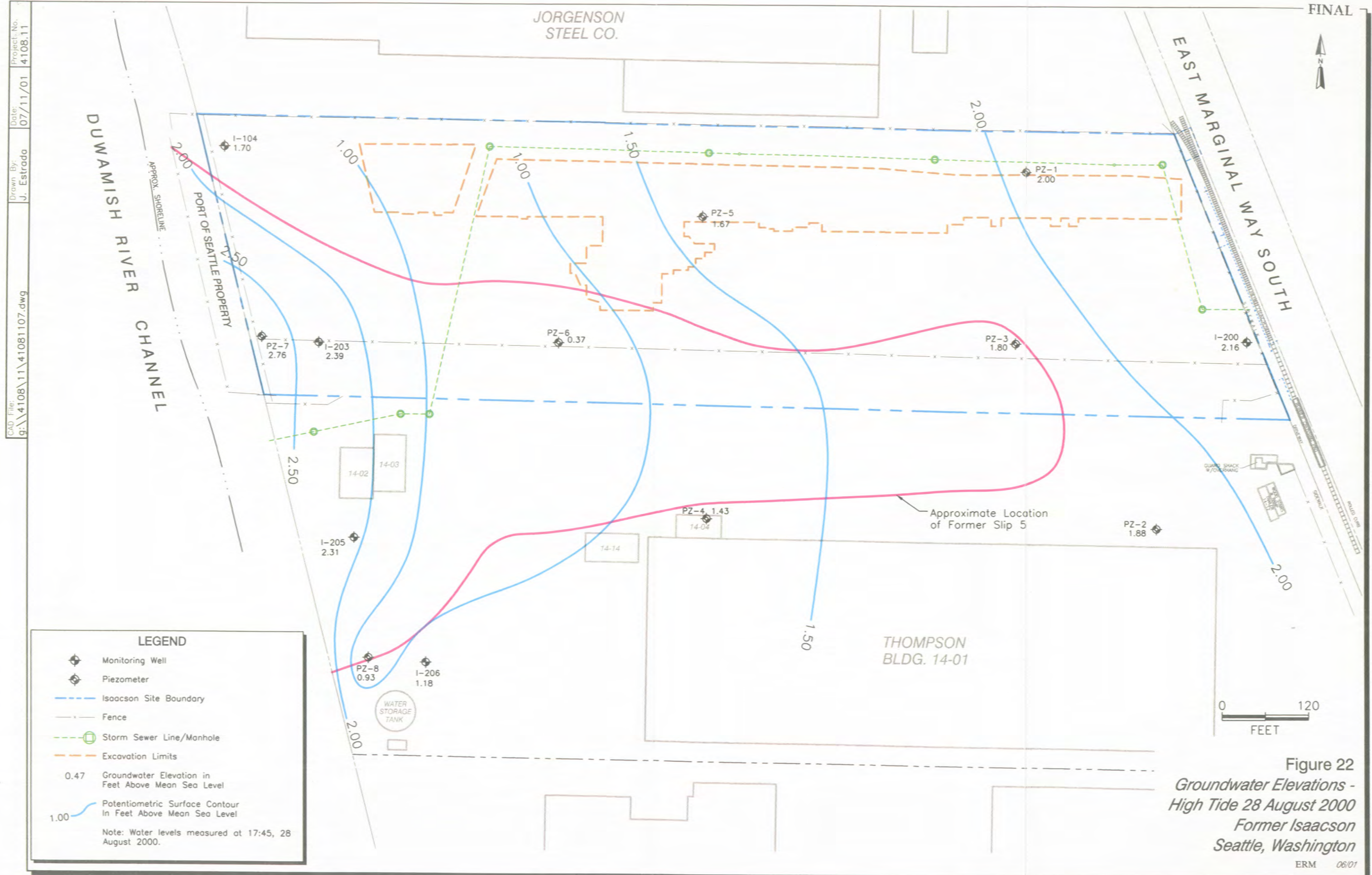




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 Project No: 4108.11

**Figure 21**  
 Mean Groundwater Elevations -  
 August 2000  
 Former Isaacson Steel Site  
 Seattle, Washington





CAD File: g:\4108\11\41081107.dwg  
 Drawn By: J. Estrada  
 Date: 07/11/01  
 Project No: 4108.11

**LEGEND**

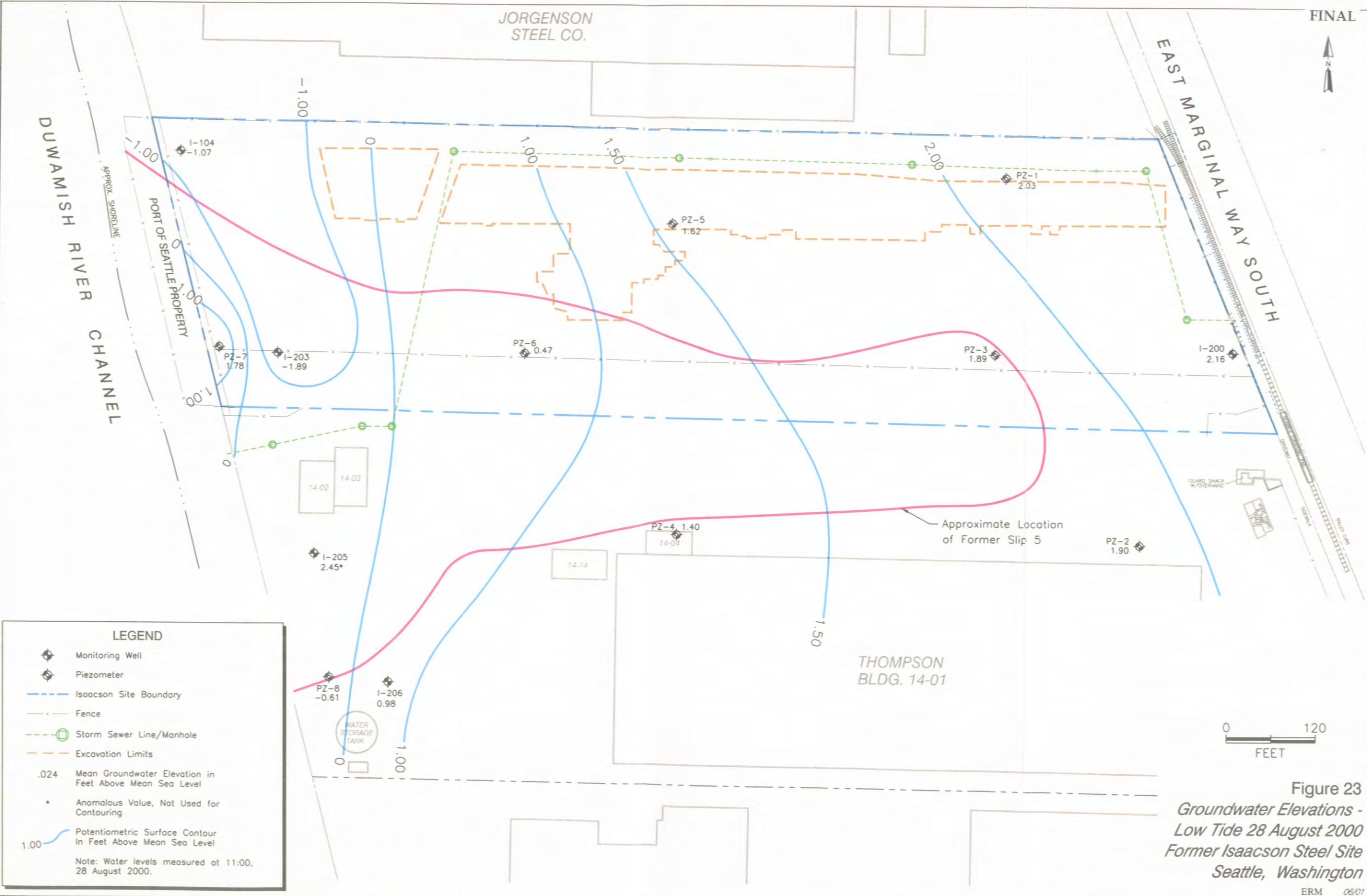
- Monitoring Well
- Piezometer
- Isaacson Site Boundary
- Fence
- Storm Sewer Line/Manhole
- Excavation Limits
- 0.47 Groundwater Elevation in Feet Above Mean Sea Level
- 1.00 Potentiometric Surface Contour in Feet Above Mean Sea Level

Note: Water levels measured at 17:45, 28 August 2000.



Figure 22  
 Groundwater Elevations -  
 High Tide 28 August 2000  
 Former Isaacson  
 Seattle, Washington





**Figure 23**  
 Groundwater Elevations -  
 Low Tide 28 August 2000  
 Former Isaacson Steel Site  
 Seattle, Washington



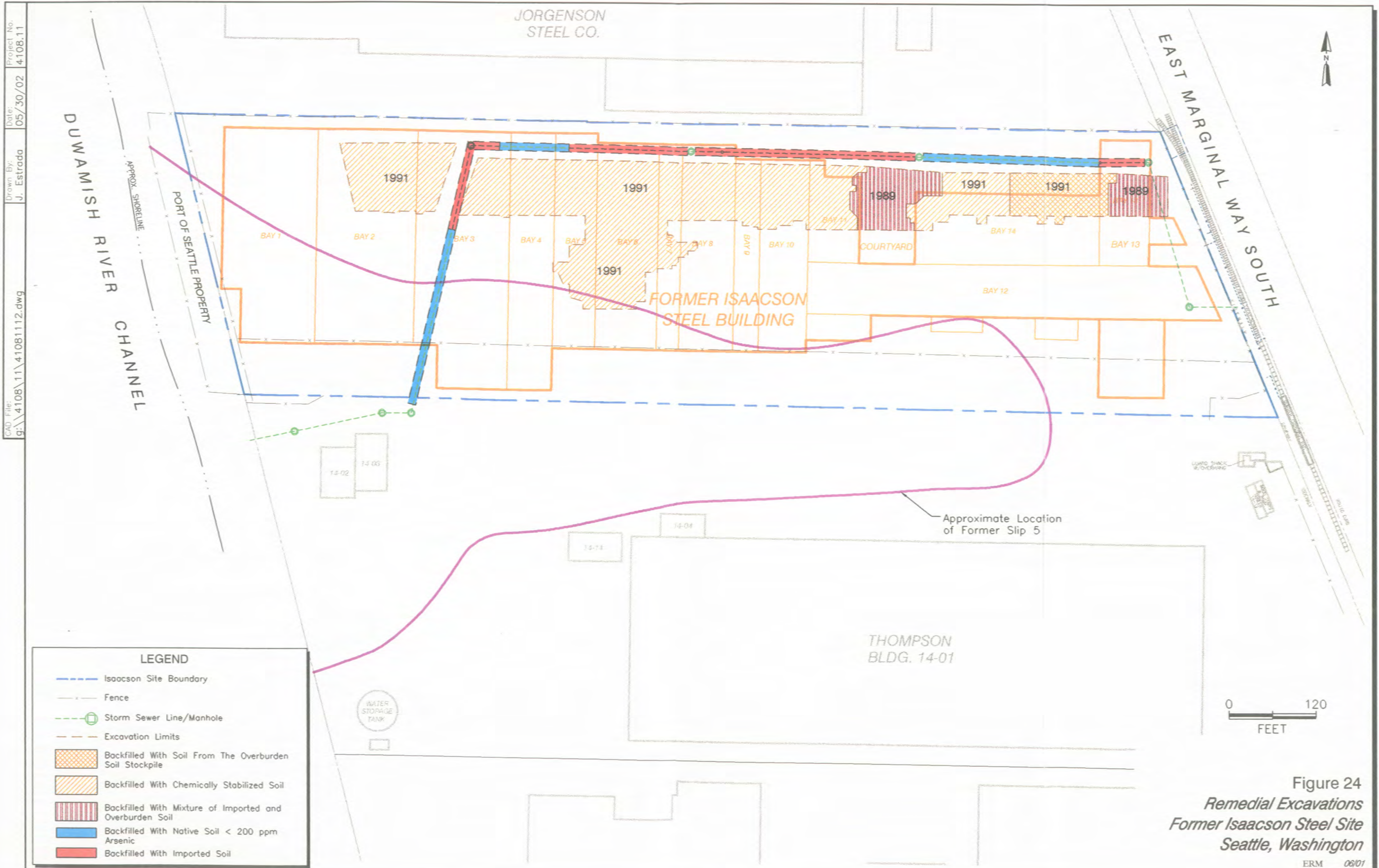


Figure 24  
 Remedial Excavations  
 Former Isaacson Steel Site  
 Seattle, Washington

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 Drawn By: J. Estrada  
 Date: 05/30/02  
 Project No: 4108.11



CAD File: g:\4108\11\41081117.dwg  
 Drawn By: J. Estrada  
 Date: 07/11/01  
 Project No: 4108.11

FINAL

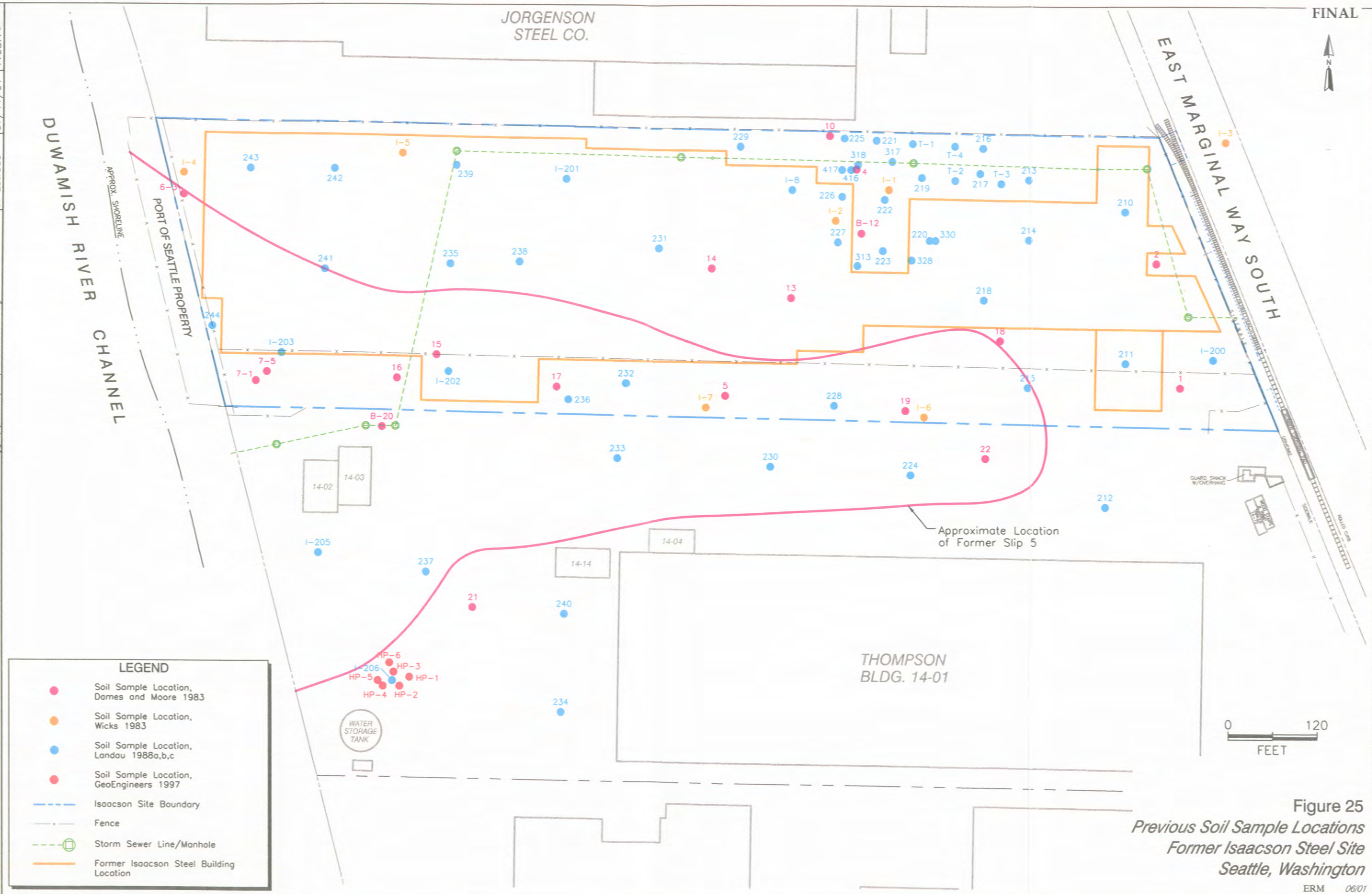


Figure 25  
 Previous Soil Sample Locations  
 Former Isaacson Steel Site  
 Seattle, Washington



CAD File: g:\4108\11\41081110.dwg  
 Drawn By: J. Estrada  
 Date: 07/11/01  
 Project No: 4108.11

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DUWAMISH RIVER CHANNEL  
 APPROX. SHORELINE  
 PORT OF SEATTLE PROPERTY

EAST MARGINAL WAY SOUTH

JORGENSEN STEEL CO.

THOMPSON BLDG. 14-01

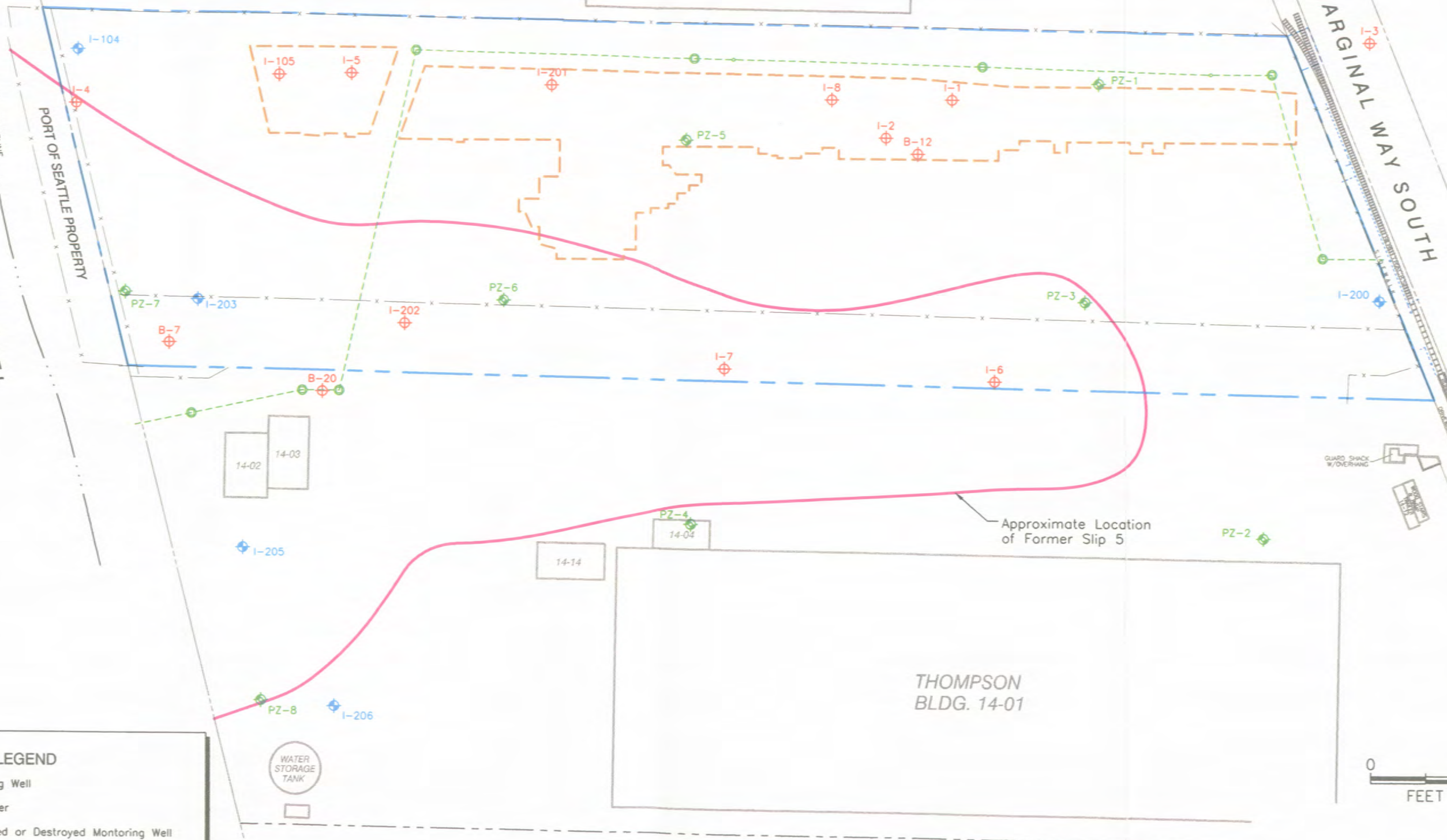
Approximate Location of Former Slip 5

**LEGEND**

- Monitoring Well
- Piezometer
- Abandoned or Destroyed Monitoring Well
- Isaacson Site Boundary
- Fence
- Storm Sewer Line/Manhole
- Excavation Limits



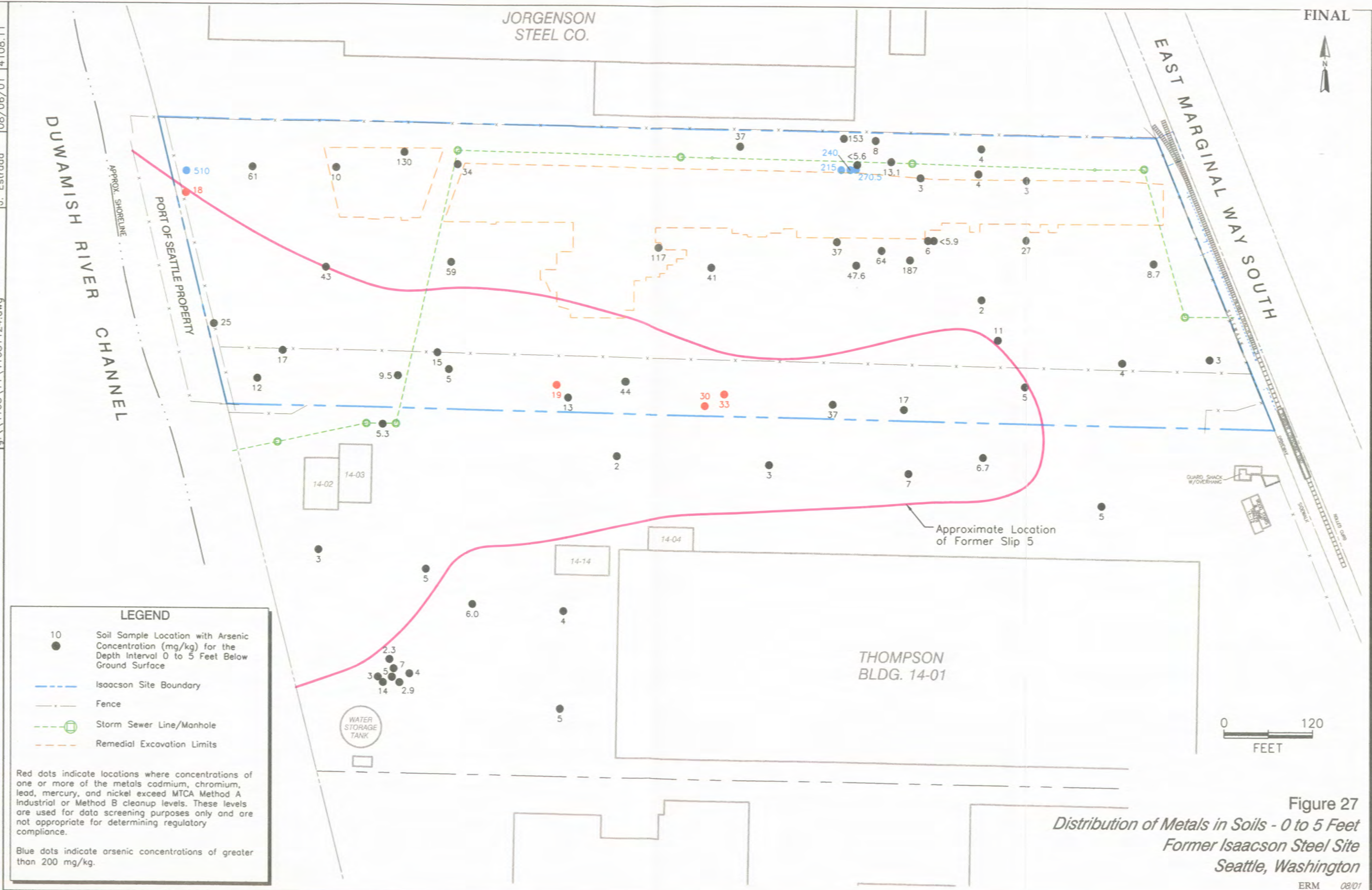
Figure 26  
 Monitoring Well and Piezometer Locations  
 Former Isaacson Steel Site  
 Seattle, Washington





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 Drawn By: J. Estrada  
 Date: 08/06/01  
 Project No. 4108.11

FINAL



**LEGEND**

- 10 Soil Sample Location with Arsenic Concentration (mg/kg) for the Depth Interval 0 to 5 Feet Below Ground Surface
- Isaacson Site Boundary
- Fence
- - - Storm Sewer Line/Manhole
- - - Remedial Excavation Limits

Red dots indicate locations where concentrations of one or more of the metals cadmium, chromium, lead, mercury, and nickel exceed MTCA Method A Industrial or Method B cleanup levels. These levels are used for data screening purposes only and are not appropriate for determining regulatory compliance.

Blue dots indicate arsenic concentrations of greater than 200 mg/kg.

Figure 27  
 Distribution of Metals in Soils - 0 to 5 Feet  
 Former Isaacson Steel Site  
 Seattle, Washington



CAD File: g:\4108\11\41081125.dwg  
 Drawn By: J. Estrada  
 Date: 08/06/01  
 Project No. 4108.11

FINAL



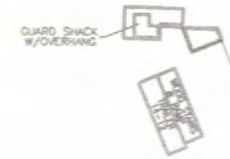
DUWAMISH RIVER CHANNEL  
 APPROX. SHORELINE  
 PORT OF SEATTLE PROPERTY

EAST MARGINAL WAY SOUTH

JORGENSEN STEEL CO.

THOMPSON BLDG. 14-01

Approximate Location of Former Slip 5



**LEGEND**

- 10 Soil Sample Location with Arsenic Concentration (mg/kg) for the Depth Interval 6 to 10 Feet Below Ground Surface
- Isaacson Site Boundary
- x-x- Fence
- - - Storm Sewer Line/Manhole
- - - Remedial Excavation Limits

Red dots indicate locations where concentrations of one or more of the metals cadmium, chromium, lead, mercury, and nickel exceed MTCA Method A Industrial or Method B cleanup levels. These levels are used for data screening purposes only and are not appropriate for determining regulatory compliance.

Blue dots indicate arsenic concentrations of greater than 200 mg/kg.

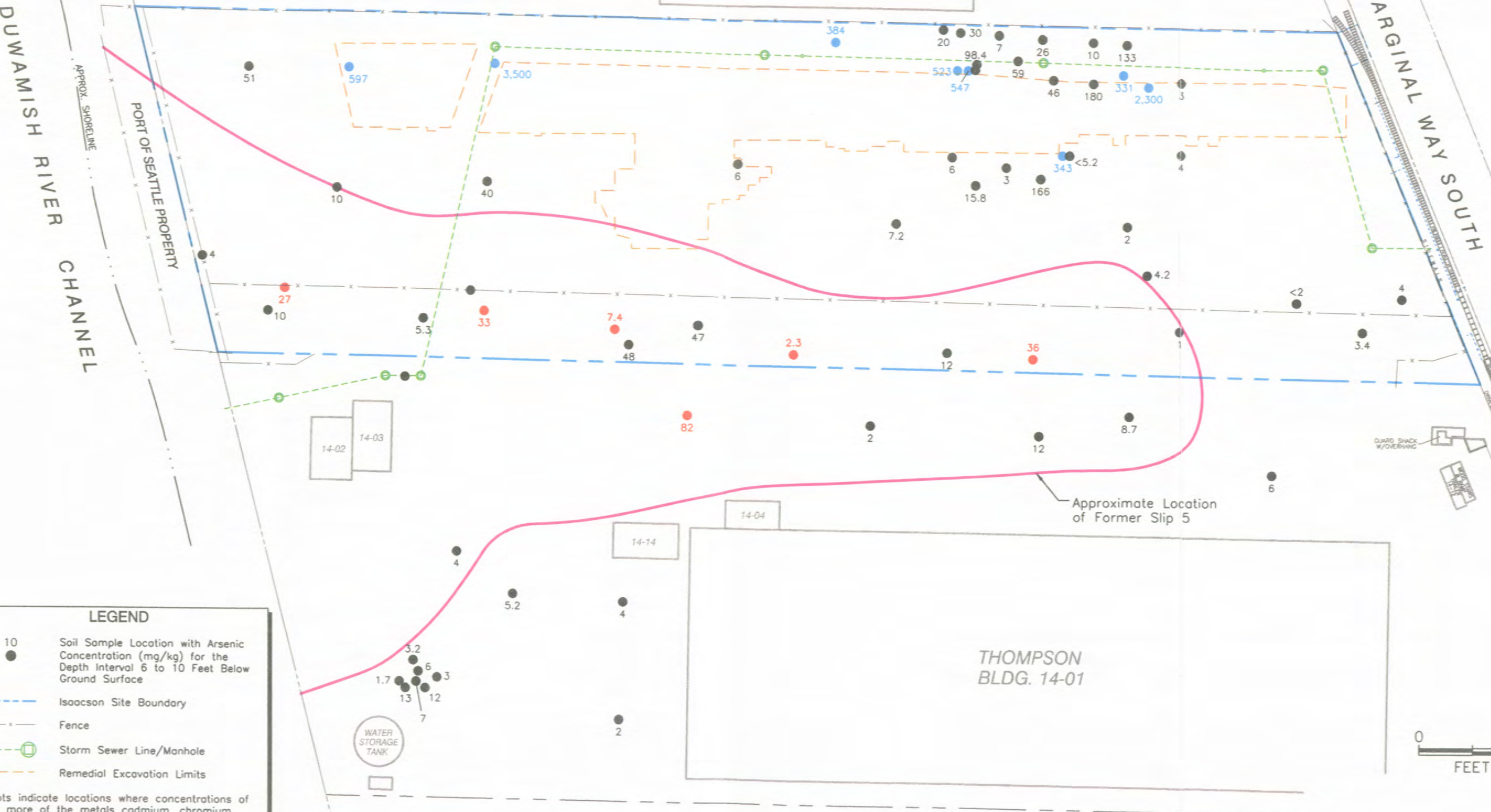


Figure 28  
 Distribution of Metals in Soils - 6 to 10 Feet  
 Former Isaacson Steel Site  
 Seattle, Washington







CAD File: g:\4108\11\41081126.dwg  
 Drawn By: J. Estroga  
 Date: 08/06/01  
 Project No: 4108.11

FINAL



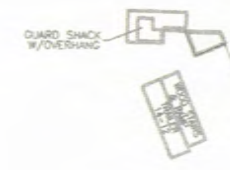
DUWAMISH RIVER CHANNEL  
 APPROX. SHORELINE  
 PORT OF SEATTLE PROPERTY

EAST MARGINAL WAY SOUTH

JORGENSEN STEEL CO.

THOMPSON BLDG. 14-01

Approximate Location of Former Slip 5



**LEGEND**

- 10 Soil Sample Location with Arsenic Concentration (mg/kg) at Depths Greater Than 16 Feet Below Ground Surface
- Isaacson Site Boundary
- - - Fence
- - - Storm Sewer Line/Manhole

Blue dots indicate arsenic concentrations of greater than 200 mg/kg.

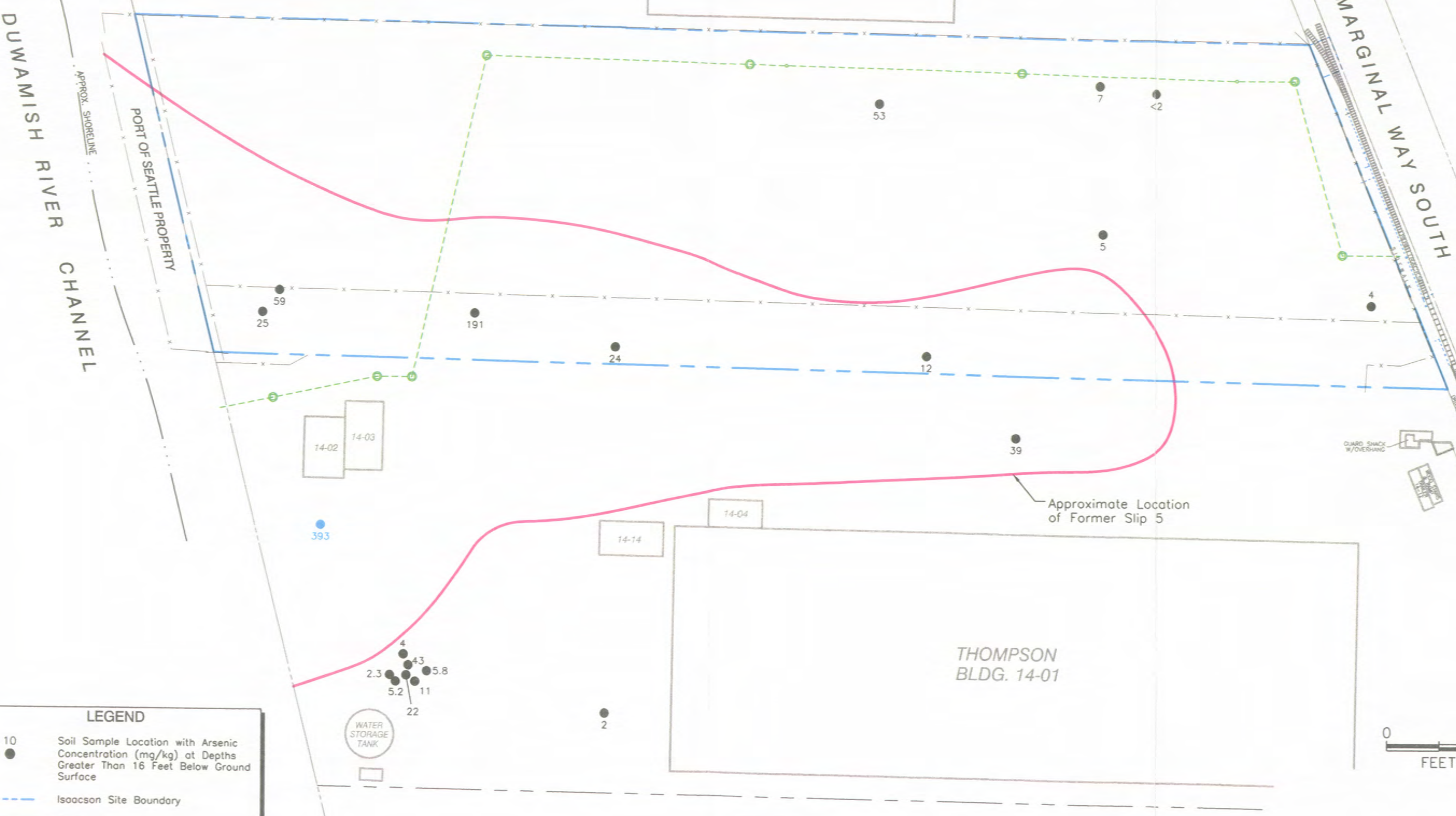


Figure 30  
 Distribution of Metals in Soils - Greater Than 16 Feet  
 Former Isaacson Steel Site  
 Seattle, Washington

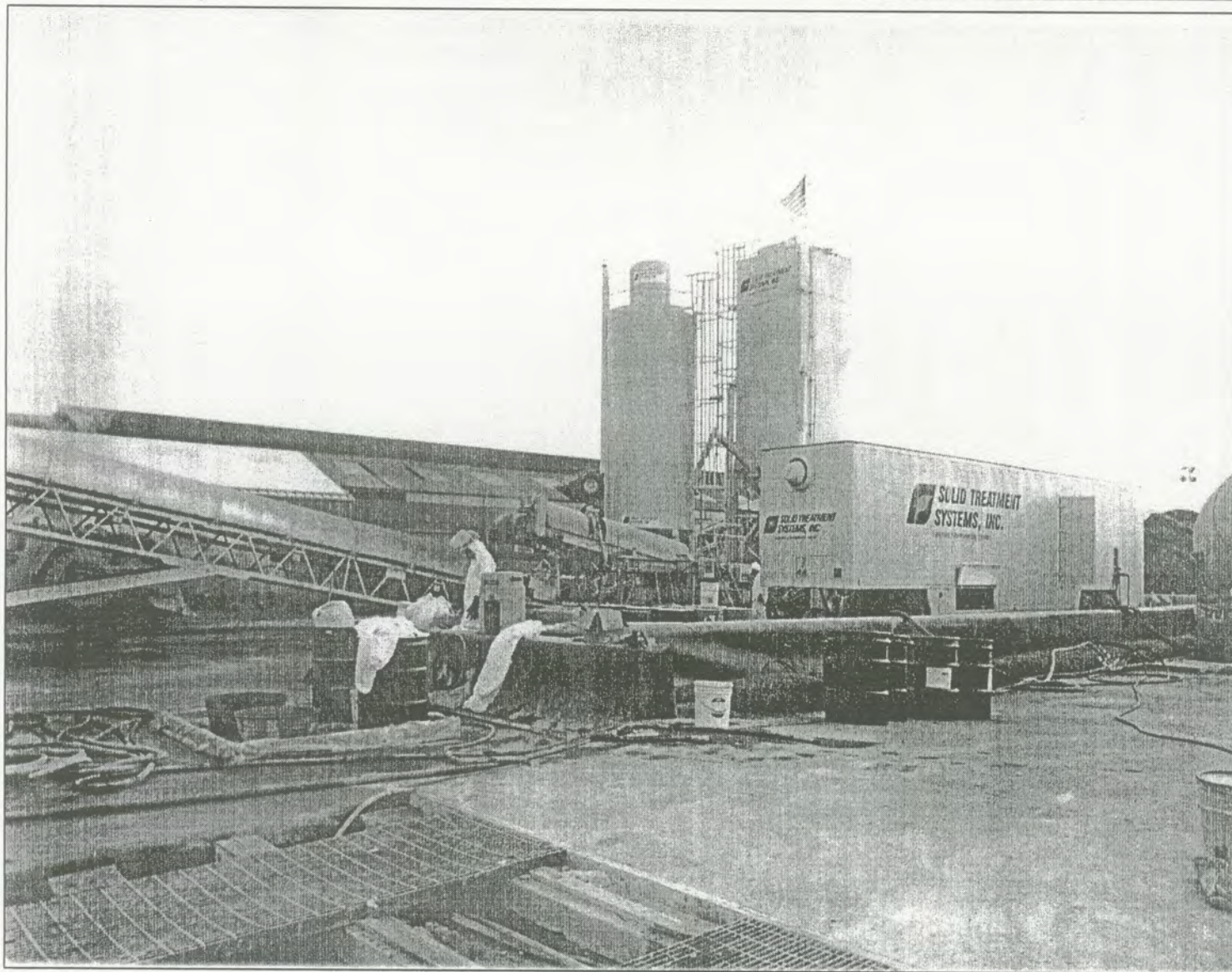




View to East-Southeast

*Courtyard and Bay 13 Excavation Activities - 1988  
Former Isaacson Steel Site  
Seattle, Washington*

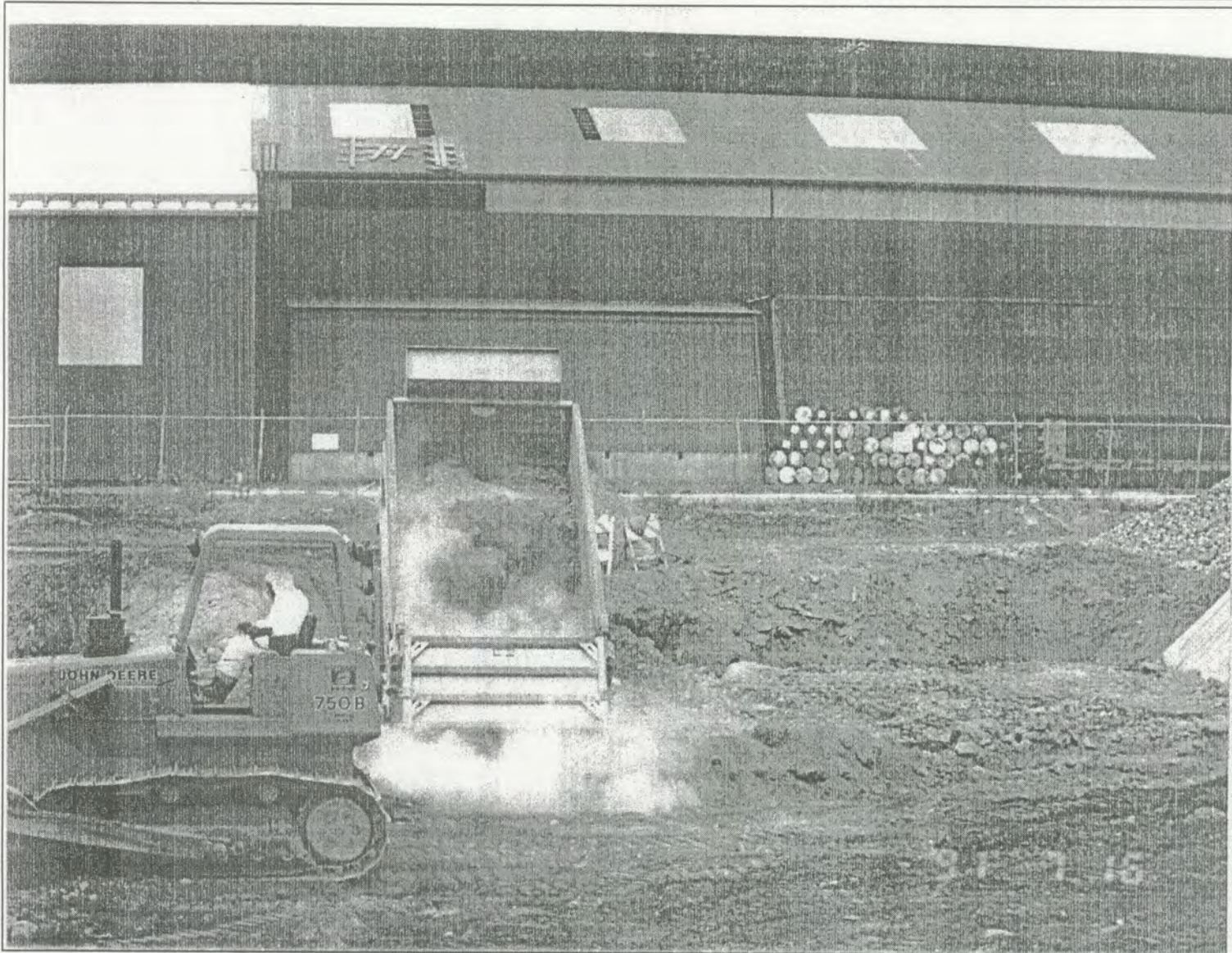




View to North

Figure 32  
*Soil Treatment System - 1991*  
*Former Isaacson Steel Site*  
*Seattle, Washington*





View to North

*Backfilling Remedial Excavation with Treated Soil - 1991  
Former Isaacson Steel Site  
Seattle, Washington*



CAD File: 9:\4108\11\41081121.dwg  
 Drawn By: R. Olson  
 Date: 07/11/01  
 Project No: 4108.11

FINAL



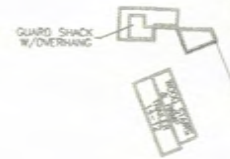
DUWAMISH RIVER CHANNEL  
 APPROX. SHORELINE  
 PORT OF SEATTLE PROPERTY

EAST MARGINAL WAY SOUTH

JORGENSEN STEEL CO.

THOMPSON BLDG. 14-01

Approximate Location of Former Slip 5



**LEGEND**

- Monitoring Well
- 270 Arsenic Concentration Detected in Groundwater Sample (micrograms per liter)
- Isaacson Site Boundary
- Fence
- Storm Sewer Line/Manhole
- Excavation Limits

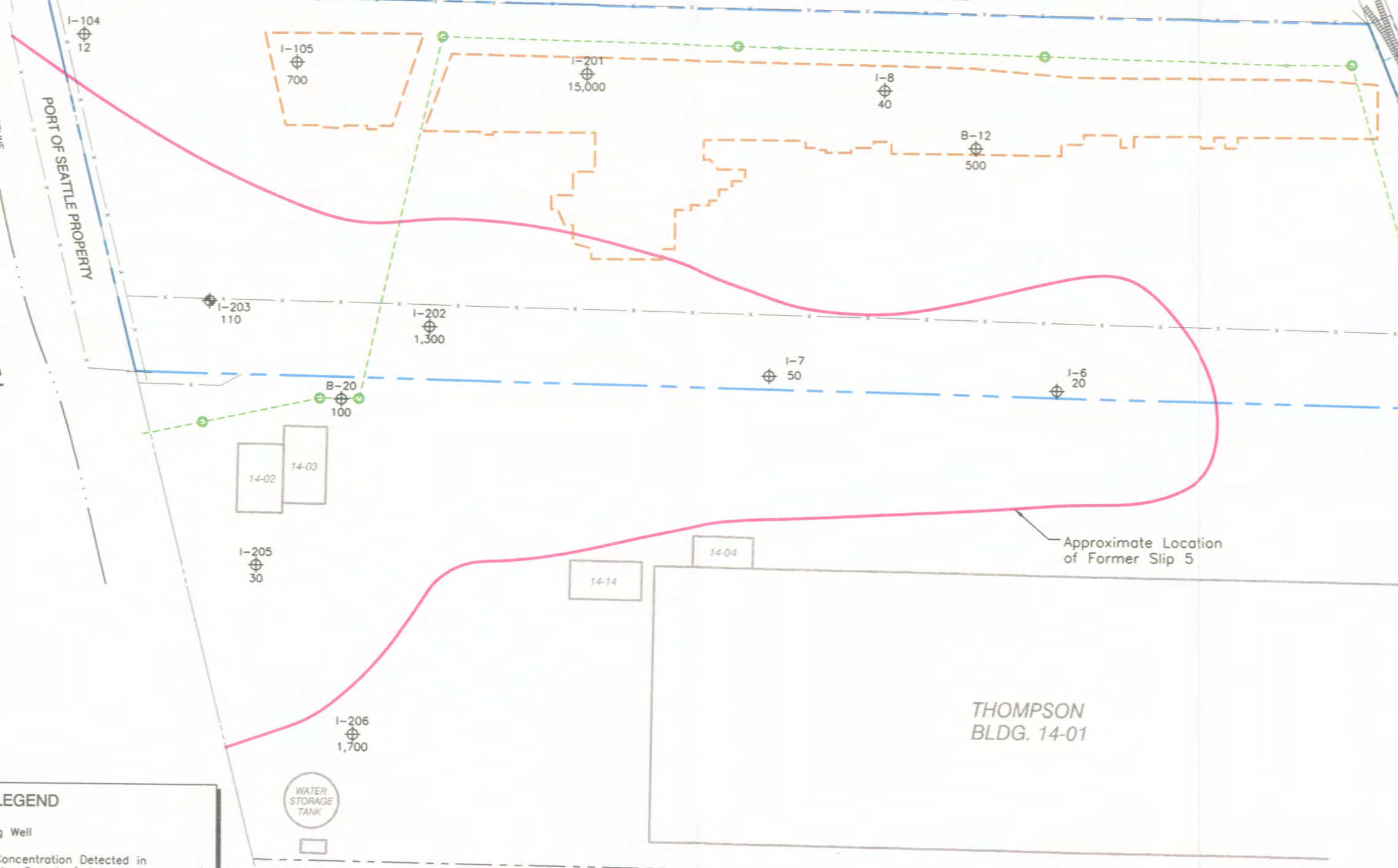


Figure 34  
 Dissolved Arsenic in Groundwater - February 1988  
 Former Isaacson Steel Site  
 Seattle, Washington



CAD File: g:\4108\11\41081120.dwg  
 Drawn By: R. Olson  
 Date: 07/11/01  
 Project No. 4108.11

FINAL



DUWAMISH RIVER CHANNEL  
 APPROX. SHORELINE  
 PORT OF SEATTLE PROPERTY

EAST MARGINAL WAY SOUTH

JORGENSEN STEEL CO.

THOMPSON BLDG. 14-01

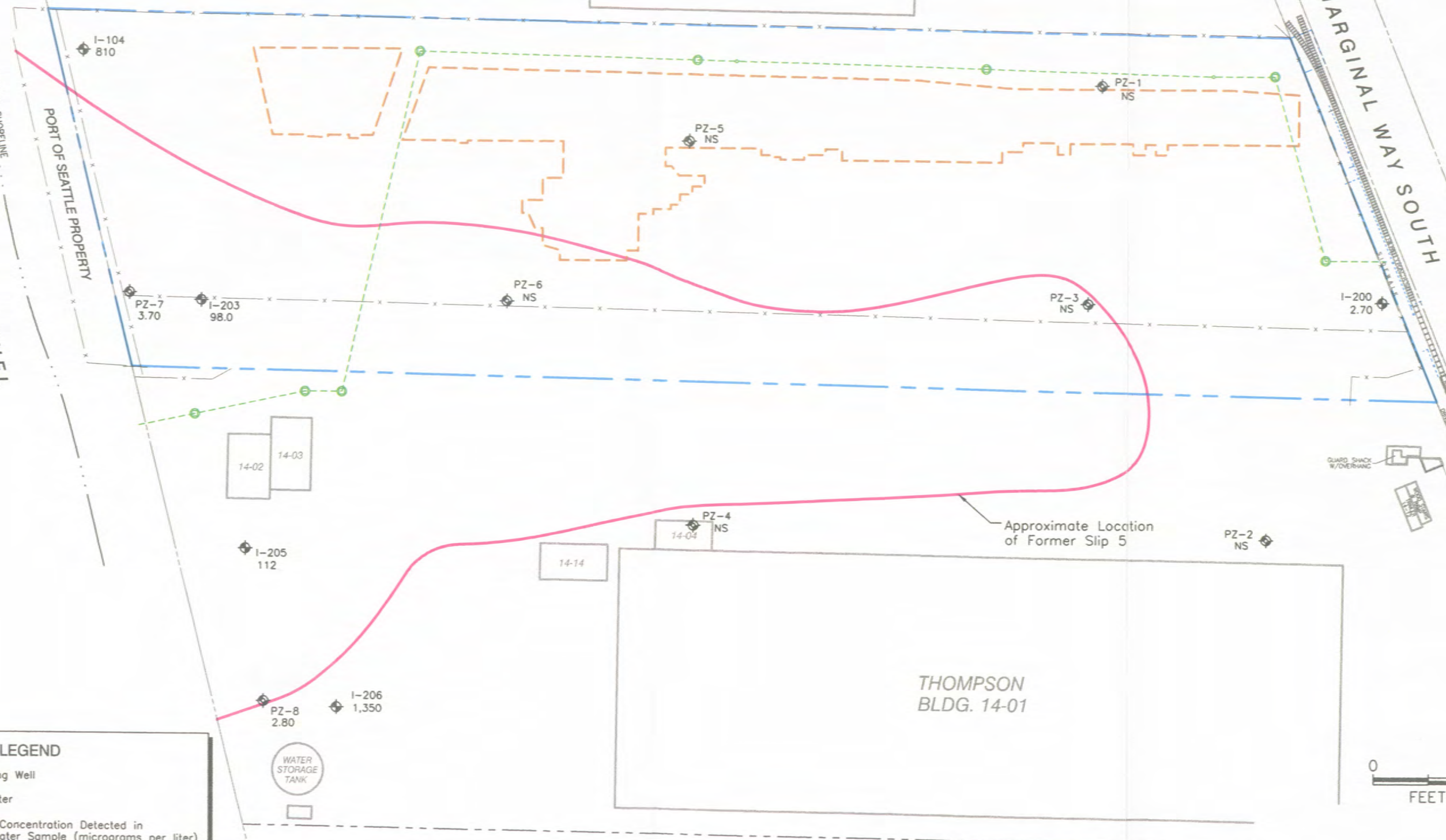
Approximate Location of Former Slip 5

**LEGEND**

- Monitoring Well
- Piezometer
- 2.80 Arsenic Concentration Detected in Groundwater Sample (micrograms per liter)
- NS Not Sampled
- Isaacson Site Boundary
- Fence
- Storm Sewer Line/Manhole
- Excavation Limits



Figure 35  
 Dissolved Arsenic in Groundwater - October 2000  
 Former Isaacson Steel Site  
 Seattle, Washington



## **Selected Site Photographs**



1. Looking east from the near the western boundary of the subject property.



2. Looking west from near the eastern boundary of the subject property.





3. Looking east at the southern half of the subject property.



4. Looking north at the Jorgensen Forge site located adjacent to the north of the subject property.

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# **Qualifications of Environmental Professionals**



# Kathryn Hartley

## Senior Staff Scientist

### Expertise

*Phase I and Phase II  
Environmental Site  
Assessments*

Kathryn has 6 years of environmental consulting experience with a focus on environmental site assessments (ESAs). Kathryn has participated in and managed Phase I and Phase II due diligence projects on properties ranging from vacant parcels to large industrial complexes. Her experience includes managing soil sampling, groundwater sampling, and small-scale remediation projects. Kathryn is familiar with the new regulations governing the conduct of Phase I ESAs, which were published as the EPA's All Appropriate Inquiry rule in November of 2005. As a Principal at Fox Valley Environmental Consulting (Crystal Lake, IL), Kathryn was prequalified to perform ESAs on behalf of several banks, law firms, and a local government agency.

**Phase I and Phase II ESA, Tacoma, WA.** Assisted in conducting a Phase I ESA for a log sorting yard in Tacoma, WA, on behalf of the Port of Tacoma. This project involved researching the history of the site, conducting a site reconnaissance, and reviewing documents regarding the environmental status of surrounding area sites. This assessment was conducted in order to assess the current environmental status of the subject property as well as to identify issues that may affect the Port's planned development of the subject property. Soil, groundwater, and sediment samples were collected as part of the Phase II ESA.

**Phase I ESA, Lynnwood, WA and Various Sites in Oregon.** Assisted in conducting Phase I ESAs for a commercial printing facility in Lynnwood, WA and three commercial printing facilities in Oregon. This project involved researching the history of the site, conducting a site reconnaissance, and reviewing documents regarding the environmental status of surrounding area sites. In-depth interviews were conducted with the property occupants regarding hazardous materials usage and waste handling. These assessments were conducted in preparation for the sale of the properties.

**Soil Exploration, Tacoma, WA.** Field scientist for soil exploration completed at the Tacoma Landfill in Tacoma, WA. This project involved oversight and observation of soil conditions in a series of test pits and soil probes, which were completed in an effort to delineate the extent of refuse that extended beyond the existing landfill cap. Soil conditions were logged for consideration in developing a plan to extend the existing landfill cap.

**Remediation System Installation Oversight, Everett, WA.** Field scientist for a remediation system installation at the Boeing Plant in Everett, WA. This project involved oversight of the installation of 50 electrodes and 33 monitoring wells, which were installed as part of a remediation and monitoring system. As-built well completion logs, groundwater sampling, and soil logging were completed as part of the pre-system start-up activities.

**Construction Observation and Compliance Monitoring, Everett, WA.** Field scientist for construction monitoring and compliance monitoring for a large-scale redevelopment project at the Port of Everett, WA. This project involved supervising excavation and loading of contaminated soil for transport to disposal facilities, directing subcontractors to excavation limits, and collecting confirmation soil samples from the excavation boundaries. GPS was used to identify soil sample locations.

### Education

B.S., Biology/Environmental Science, University of Wisconsin, 2001

# Tim Syverson, L.G.

Senior Associate

## Expertise

*Due Diligence & Risk  
Management*

*Environmental Site  
Assessments and  
Investigations*

*Regulatory Analysis/Agency  
Negotiations*

*Site Characterization and  
Remediation*

*Project Management*

Tim is the environmental due diligence/Phase I and II environmental site assessment (ESA) practice lead for Landau Associates. He has more than 20 years of consulting experience focused on project development and management for various regional, national, and international industrial, governmental, and retail clients – including Time Oil, Agrium Inc., The Boeing Company, the Washington State Department of Transportation (WSDOT), and Home Depot USA, Inc. His work for these clients has included property assessments including due diligence for property acquisition or divestiture, the design and implementation of subsurface investigations, development of remedial strategies and identification of appropriate cleanup levels, and working with the project team engineer in the design and implementation of corrective actions.

**Home Depot USA, On-Call Environmental Services; Various Sites, OR and WA.** Project manager for ongoing support for this major retail developer for property acquisition and site redevelopment. Services include Phase I and II due diligence assessments for property acquisition, characterization of soil and groundwater in the areas where hazardous substances have been released to the environment, evaluation of the regulatory status of the released substances, quantification of the liabilities associated with future potential cleanup actions and onsite management of hazardous substances during site development. Recent projects in Oregon include assessment of sites in Hermiston, The Dalles, Newport, and Eugene.

**Phase I and II ESAs, Soil Remedial Action – Aerospace Facility; Kent, WA.** Project manager for a due diligence assessment for potential sale or lease of a more than 100-acre industrial facility. The assessment included review of facility and regulatory agency files, site operational history, and physical site conditions to assess potential conditions of environmental concern that could pose a liability to the client or future owners/lessees. The results of the initial assessment were used to develop a work plan for site investigations to document current site conditions and evaluate potential conditions of environmental concern. The Phase I assessment, preparation of a Phase II work plan, and completion of the Phase II field investigations were conducted in a 2-month period to meet the client's due diligence schedule. An independent cleanup of soil was contracted under the Voluntary Cleanup Program, and a No Further Action determination was received from the Washington State Department of Ecology (Ecology).

**Time Oil Northwest Terminal; Portland, OR.** Technical/Geologic Peer Reviewer for ongoing Quarterly Groundwater Monitoring program and for the Phase III Remedial Investigation (completed in 2005), and served as Task Manager for the East Property Investigation (EPI). The Terminal is a former wood treatment chemical blending and petroleum storage facility located adjacent to the Willamette River in Portland. The project is being implemented under a Voluntary Cleanup Program agreement with the Oregon Department of Environmental Quality (DEQ). Since the project's inception, three phases of a remedial investigation have been completed, human health and ecological risk assessment activities have been initiated, and more than 11,000 tons of contaminated soil have been removed and disposed off site during interim removal actions. The EPI resulted in a conditional (industrial use only) No Further Action determination from DEQ for an approximately 21-acre portion of the Time Oil property. Landau Associates developed the investigation and remediation approach, provided technical oversight during implementation, and is responsible for long-term quarterly groundwater monitoring, oversight of onsite wastewater treatment system and compliance activities, documentation for site activities, permit compliance, and providing technical consultation regarding all aspects of project activities as needed.

## Tim Syverson

### **Phase I and II ESAs and Underground Storage Tank (UST) Removals for 10 Former Gasoline Station Properties; Various Locations, OR and WA.**

Project manager for site assessment and closure, many including expanded Phase I ESAs with supplemental soil and groundwater sampling and analysis, the decommissioning and removal of UST systems, collecting soil confirmation samples for analysis, and preparing site characterization reports. The work was conducted to assess soil and groundwater conditions for the potential presence of petroleum hydrocarbons and/or their byproducts, and to ensure compliance with Ecology Model Toxics Control Act (MTCA) cleanup levels. Landau Associates also provided oversight of the UST removal and collected confirmation samples to ensure compliance with state regulations.

### **Wilbur-Ellis Company On-Call Environmental Services: OR and WA.**

Project manager for environmental services for this national agricultural chemical, fertilizer distribution, and supply company. Services include support related to property sale or acquisition, characterization of soil and groundwater, hazardous materials handling and disposition, and regulatory compliance. Recent projects in Oregon include assessment of facilities in Portland, Jefferson, and Woodburn.

### **WSDOT On-Call Hazardous Waste Services; Various Sites, WA.**

Project manager for environmental services provided to WSDOT in support of various road improvement projects. The work to date has included underground storage tank (UST)/aboveground storage tank (AST) decommissioning and follow-on remedial actions, as needed; site assessment and inspection work in support of property acquisition for roadway rights-of-way; and expedited support for handling and appropriate disposal of potentially hazardous materials encountered during roadway projects.

### **Environmental Claim Evaluations, Confidential Client, 31 sites; WA, OR, ID, AZ, and CA.**

Project manager for preparation of site assessments and summaries of 164 environmental claims at agricultural chemical sites in multiple states. The work included reviewing available site-specific soil and groundwater analytical data collected by the previous operation in the context of applicable state and federal regulations and preparing summary reports for each claim. The work was completed to support a cost allocation and liability settlement with the previous owner/operator to meet the terms of the client's purchase agreement.

## Education

M.S., Geology, Western Washington University, 1984

B.S., Geology, University of Minnesota, Duluth, 1981

## Registrations/ Certifications

Licensed Geologist/Hydrogeologist: Washington, No. 901

Registered Professional Geologist: Oregon, No. G1342