

Report

Phase I Environmental Site Assessment North Marina Redevelopment Project Port of Everett Everett, Washington

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Prepared for

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EXECUTIVE SUMMARY

At the request of Maritime Trust, Landau Associates has completed a Phase I Environmental Site Assessment (ESA) for the properties identified as the North Marina and North Marina Supplemental Study area located at the Port of Everett (Port). The ESA was completed in support of a project referenced as the North Marina Redevelopment Project. The ESA was completed by Landau Associates based on information gathered from the following sources:

- Interviews with representatives of the Port and the tenants located at the Port properties, as well as offsite property representatives, where applicable
- Review of environmental records maintained by federal, state, and local governmental agencies
- Review of historical data sources including Sanborn[®] Fire insurance maps, aerial photographs, and topographical maps
- Review of information provided in various environmental and planning reports developed by the Port and consultants working under contract to the Port
- Observation of the North Marina Redevelopment Project area to evaluate the potential for documented and undocumented environmental conditions to impact the redevelopment project.

We attempted to classify the environmental risks associated with the properties evaluated based on the potential for the conditions at the site to impact the redevelopment project cost or schedule, or to limit the future development plans for the property. Based on these considerations and the information provided within this report, we have classified the potential environmental risks for the North Marina and North Marina Supplemental Area Redevelopment Project into the following three classifications:

- *High Risk* – Indicating that confirmed environmental impacts have been documented at the site and the corrective action to address these impacts either has not been completed or has not been adequately documented
- *Moderate Risk* – Indicating that either 1) environmental impacts have been documented and addressed at a site but final notification from the regulatory agency has not been documented to indicate that no further action is necessary or 2) previously undocumented environmental impacts were observed by field observations but would likely have nominal impact on the redevelopment project
- *Low Risk* – Indicating that a confirmed environmental impact has been addressed to the satisfaction of the regulatory agency or no environmental impacts were observed during site reconnaissance that would likely present an environmental risk or be the subject of regulatory enforcement actions.

Based on the risk classifications indicated the *High Risk* and *Moderate Risk* issues are as follows:

High Risk Issues

- Asbestos containing materials (ACMs) have been confirmed to be present at the Port of Everett Marine View Reception and Conference Center. The remaining buildings located within the redevelopment project area should be considered for the presence of suspected ACMs and lead-based paint. In the event that buildings require demolition during the redevelopment project, the individual buildings should be inspected by certified personnel and samples of building materials should be analyzed to determine the presence or absence of ACM and lead-based paint.
- Storm sewer discharge system piping that collects sediments and water from several areas of the North Marina have the potential to cause regulatory criteria for sediment and/or surface water quality to be exceeded. However, many of these outfalls discharge to areas presently undergoing maintenance dredging, which should address any sediment impacts in these areas. Specific stormwater discharge locations, that may be impacting sediments and/or surface water, and that are not being addressed by the present dredging activities, include the following:
 - 6-inch diameter PVC discharge pipe located west of Fishermen's Boat Shop
 - 10-inch diameter concrete discharge pipe located south of the Port Boatyard
 - 10-inch diameter concrete discharge pipe located south of the Harbor Marine Maintenance Boat Servicing Building
 - 4-inch diameter corrugated metal discharge piping located at the western terminus of 13th Street near the American Construction Company storage yards.

Appropriate sediment regulatory programs to evaluate potential sediment quality impacts in these areas would be the Dredged Material Management Programs (DMMP) or the Department of Ecology Sediment Management Standards, dependent on future dredging plans in the vicinity of the outfalls.

- Groundwater in the vicinity of the sites identified as being impacted during the removal of underground storage tanks (USTs) may need to be evaluated. The former UST sites confirmed to be impacted include Ameron International, Everett Bayside Marina, Fire Station #3, the Port property at 1100 13th Street (currently a storage yard for Everett Bayside Marina), Port Yacht Basin Marina, and Puget Sound Truck Lines. In addition, groundwater may be impacted at the Ameron International facility. Potential groundwater impacts include volatile organic compounds, petroleum hydrocarbons, polycyclic aromatic hydrocarbons, and metals.
- Surface and subsurface assessment may be necessary at Fishermen's Boat Shop to determine the nature and extent of impact from the current and past operations at the site. Potential impacts to soil, sediment, and groundwater would include metals, organotins, volatile organic compounds, and polycyclic aromatic hydrocarbons.

Moderate Risk Issues

- Incomplete records exist for the final disposition of excavated soil generated from UST removal activities that was subsequently treated on Port property. Port personnel indicated that some of the material was deposited in the current location of the Port of Everett Marina Maintenance Facility located east of the 12th Street Waterway. Field screening of the soil in this area may be advisable to determine the potential concentration of petroleum hydrocarbons prior to redevelopment.
- Records for the UST removal sites were not identified that indicate that Ecology has reviewed the data submitted and will require no further action relative to the remediation of these sites. These “closure” letters should have been issued to the tank owner or the contractor/consultant that performed the work. The closure letters should be obtained and properly filed for future reference. In the event that the closure letters are not found, they should be requested from Ecology.
- An independent cleanup action was completed adjacent to the Marine Spill Reponse Center facility to excavate soil, debris, drums, and a concrete structure impacted by petroleum hydrocarbons. According to the report prepared to summarize the cleanup action, the excavation activities successfully removed petroleum impacted materials. However, the cleanup action did not include an assessment of groundwater in the vicinity of the subsurface petroleum impacts. The shallow depth to groundwater in this area [approximately 6 ft below ground surface (BGS)] may warrant the assess of groundwater for petroleum impacts.
- Small surface stains were observed to be present at the following facilities during site reconnaissance activities:
 - American Boiler Works (Plant 2)
 - Collins Building
 - Everett Bayside Marina
 - Everett Engineering Building M11
 - Everett Engineering, Inc.
 - Fishermen’s Boat Shop
 - Harbor Marine Maintenance Boat Repair Building
 - Port of Everett Overflow Parking Lot
 - Port of Everett Boatyard
 - Puget Sound Truck Lines.

The impacted soil media at these sites associated with the surface stains is expected to be minimal (less than 50 total cubic yards (yd³) per site)

- A potential UST vent line and product piping was identified at JL Brooks Welding. Determining the presence or absence of a UST in that location could likely be accomplished with a magnetometer.
- Sandblast grit exists in the yard north of Everett Engineering Building M11. This material may require analysis to determine if it needs to be disposed as a dangerous waste.
- Records regarding product inventory and leak monitoring should be maintained for the UST at the Port Boatyard to determine if the UST has potentially leaked product.

- A subsurface assessment may be advisable at the American Construction Company property. The site was not documented in the Environmental Data Resources, Inc. (EDR) database search; however, site reconnaissance noted the presence of petroleum storage tanks, drums potentially containing hazardous materials, and several piles of creosote treated timber.
- The former presence of railroad spurs adjacent to 13th and 14th Streets could include the potential for environmental impacts to be present related to the cleaning of railcars and /or the maintenance and fueling of locomotives.

The remaining sites evaluated in the preparation of this report would be categorized as *Low Risk* sites. However, these *Low Risk* sites also exhibit environmental risk due to the potential presence of asbestos and lead based paint materials that may warrant disposal as dangerous waste if the buildings are demolished.

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1.0 INTRODUCTION

1.1 PURPOSE

The Port of Everett (Port) North Marina property is located in Everett, Washington (Figure 1) and has reportedly been used for a variety of commercial and recreational marine related activities since the late 1800s. The North Marina portion of the Port property has been used for industrial purposes (shingle mills, marine support services, etc.) since at least the early 1900s. The Port was organized in 1918 to promote economic and industrial activities on the property. In the Spring of 2001, the Port publicly announced plans (Port of Everett 2001) to redevelop portions of the Port properties designated as the North Marina and the North Marina Supplemental Area (Figure 2). The Port contracted with Maritime Trust as the development company to lead the project. The initial phase of the redevelopment project was identified as the planning stage, wherein information was to be gathered about the area to be redeveloped. Maritime Trust identified the need to have a Phase I Environmental Site Assessment (ESA) prepared for the site. In accordance with the American Society of Testing Materials (ASTM) Designation: E 1527-00 (ASTM 2000), the goal of the Phase I ESA is to “identify *recognized environmental conditions*. The term *recognized environmental conditions* means the presence or likely presence of any *hazardous substances* or *petroleum products* on a *property* under conditions that indicate an existing release, or past release, or a material threat of a release of any *hazardous substances* or *petroleum products* into structures on the *property* or into the ground, groundwater, or surface water of the *property*. 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 material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.” The specific purpose of completing the Phase I ESA at the North Marina and North Marina Supplemental Area properties is to identify recognized environmental conditions that may impact the scope and schedule of the North Marina Redevelopment Project or limit future developmental use of the properties from an environmental liability or cleanup perspective.

1.2 SCOPE OF SERVICES

Maritime Trust contracted Landau Associates to complete the Phase I ESA for the North Marina Redevelopment Project. In accordance with a proposal dated May 7, 2001, Landau Associates completed the Phase I ESA based on the following scope of services:

- Review available aerial photographs, historical fire insurance maps, topographic maps, city or county maps and street directories, and local history information to assess past uses of the North Marina and North Marina Supplemental Area (and the surrounding properties).
- Interview available individuals knowledgeable about past and current uses of the subject properties.
- Review listings from a subcontracted database service [Environmental Data Resources, Inc. (EDR)] of confirmed and suspected contaminated sites abstracted from U.S. Environmental Protection Agency (EPA) and Washington State Department of Ecology (Ecology) environmental databases as prescribed by ASTM E 1527-00. The ASTM standard specifies that these databases be searched for confirmed and suspected contaminated sites within various distances up to a 1-mile radius of the subject properties.
- Contact Ecology and EPA to research files they may have regarding environmental conditions at the subject properties.
- Contact the Snohomish Health District and local fire departments for information they may have on environmental conditions immediately adjacent to and potentially including the subject properties.
- Conduct a site reconnaissance of the subject properties and surrounding area to assess current land use activities and environmental conditions. Conditions at the observed properties were documented with photographs. To the extent possible, conditions of interest at adjoining properties were observed from the subject property and public rights-of-way.
- Discuss findings of the site reconnaissance and database reviews with Maritime Trust and Port representatives prior to the development of the final written report.
- Incorporate comments from Maritime Trust and Port representatives to create a final report presenting the results of the Phase I ESA.
- Discuss recommendations for Phase II investigations with Maritime Trust and Port representatives, as appropriate, and provide written recommendations in a separate letter, if requested.

1.3 LIMITATIONS

This Phase I ESA was conducted in general accordance with the guidelines of the ASTM standard (ASTM 2000). Compliance with this standard is recognized as generally meeting the due diligence requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The ASTM standard utilized is standard practice for “pre-purchase” assessment of property; however, it appears that the North Marina Redevelopment Project may not involve a property transfer or third party (e.g., bank) financing. Given this fact, issues identified herein may be addressed by the

redevelopment project team based on the implications of the identified issues relative to the completion of the project.

A chain of title is often reviewed during the completion of a Phase I ESA. Landau Associates requested that, if a chain of title was obtained by the Maritime Trust or the Port, the information be provided to Landau Associates for review. A chain of title was not provided and was not reviewed for the preparation of this report.

1.4 ASSUMPTIONS

The preparation of a Phase I ESA requires the use of historical records maintained by regulatory agencies and property owners. In the event that recognized environmental conditions are noted for a site, the presence of complete records, including correspondence from a regulatory agency indicating that “no further action” is necessary for the site, is critical to determining the potential for environmental liability associated with the conditions. Incomplete records were assumed to be potential future environmental liabilities for the purpose of the North Marina Redevelopment Project. However, the subsequent discovery of additional environmental records that would eliminate a particular recognized environmental condition from consideration as a future environmental liability could require a revision of the conclusions of the Phase I ESA presented herein.

2.0 SITE DESCRIPTION AND SETTING

2.1 LOCATION AND LEGAL DESCRIPTION

The North Marina and North Marina Supplemental Area are located on the Port property (Figures 3a and 3b). The North Marina property is bordered by West Marine View Drive to the east; Port Gardner Bay to the west; a parking lot, public recreation area (including North Marina Supplemental Area), and light industrial facilities to the north; and a boat moorage area to the south. The North Marina Supplemental Area property is bordered by a light industrial facility to the east, Port Gardner Bay to the west, 10th Street and a parking lot to the north, and the 12th Street Waterway to the south. The North Marina and North Marina Supplemental Area are located in Section 18, Township 29 North, Range 5 East, Snohomish County, Washington.

2.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The North Marina includes approximately 100 to 110 acres of area, with approximately 65 acres designated as upland and 35 to 45 acres designated as intertidal and subtidal area. The North Marina area is entirely owned by the Port. The Port presently leases out approximately 30 parcels of land in the North Marina. The tenants utilize the parcels for a variety of business ventures primarily related to marine repair and other marine support services. The list of tenants provided by the Port is as follows:

- American Boiler Works
- American Construction Company
- Ameron International (partially subleased to Sunset Body Works, Churchill Brothers Marine Canvas, and Dunlop Industrial Hardware)
- Everett Bayside Marina
- Everett Engineering, Inc.
- Everett Fire Museum
- Everett Fire Station #3
- Fishermen's Boat Shop (also known as Everett Shipyard)
- Harbor Marine Maintenance
- JL Brooks Welding
- L & M Marine Service
- Marine Spill Response Corporation
- Milltown Sailing Association
- Nugget Boat Works

- Puget Sound Truck Lines
- Sail Loft (vacant)
- Sandy's Boat House
- Sanger Marine
- Quality Seafoods
- Sunset Yacht Brokerage
- Washington Belt & Drive Systems.

In addition to the parcels leased to tenants, the Port owns and operates the following facilities in the North Marina:

- Former Coast Guard Station
- Jordan Park
- Net Sheds (adjacent to the south of Quality Seafoods)
- Port of Everett Marine View Reception and Conference Center
- Port of Everett North Marina Supplemental Area (adjacent to 10th Street Boat Launch)
- Port of Everett Overflow Parking Lot
- Port of Everett Marina Maintenance Facility
- Port of Everett Boatyard.

The Port also owns and maintains common areas in the North Marina that are used for vehicle parking and a boatyard for marine vessel temporary storage.

The North Marina Supplemental Area is comprised of approximately 5 acres of land that is currently used as a public recreation area and boat launch.

The area surrounding the subject properties consists of a mix of maritime services, waterfront commercial, recreational, and residential land uses.

2.3 DESCRIPTION OF UTILITY SERVICES AND ROADS

Surface runoff captured by local storm sewers flows through several outfalls into the bay around the North Marina.

The majority of buildings on the subject properties are heated by natural gas or electric systems. An exception to this is Fishermen's Boat Shop, which still uses fuel oil stored in an aboveground storage tank (AST) to supply a boiler system. An abandoned fuel oil and boiler system exists at the Collins Building.

Water and sanitary sewer service for the subject properties is provided by the City of Everett. All of the business representatives interviewed at the subject properties stated that their facilities are hooked up to the City's water and sanitary sewer system.

Overhead and underground electric lines provide power to the Port properties. Electric service is supplied by Snohomish County Public Utility District.

Access to the North Marina is provided by 13th Street and 14th Street which are asphalt-paved and run from West Marine View Drive on the east to dead ends at Port Gardner Bay to the west (Figures 3a and 3b). The North Marina Supplemental Area property is accessible by 10th Street, which is also asphalt-paved, via West Marine View Drive. The northern portions of the properties to the north of 13th Street are accessible by gravel drives.

2.4 TOPOGRAPHIC AND GEOLOGIC DESCRIPTION

2.4.1 TOPOGRAPHIC DESCRIPTION

The North Marina and North Marina Supplemental Area properties are relatively flat. Land in the area slopes gently to the west. According to a United States Geological Survey (USGS) map of the Everett and Marysville Quadrangles, the subject properties lie at an approximate elevation of less than 20 ft above mean sea level.

2.4.2 GEOLOGIC AND HYDROGEOLOGIC DESCRIPTION

The subject properties lie on fill derived from marine alluvium hydraulically placed over the last 50 to 60 years. According to the Sanborn[®] maps, wood waste and concrete waste may also be present in some areas of the North Marina. Several lumber mills have historically operated at the North Marina and sawdust has been identified in nearshore sediments. Fill thickness within the Port area varies from 5 to 40 ft and consists of alluvial deposits and fill material, which are particularly susceptible to consolidation and possible liquefaction during seismic events (Port of Everett 1995).

According to the United States Department of Agriculture Soil Conservation Service (SCS 1983), the subject properties lie within a soil mapping unit area designated as Urban Land. Urban Land is described as nearly level to gently sloping areas covered by streets, buildings, parking lots, and other structures that obscure or alter the soil so that identification is not feasible. The source of much of the Urban Land at the Port appears to be material dredged from the waterway and byproducts (e.g., sawdust and wood chips) from the industrial activities conducted in the past at the Port.

According to the USGS Geologic Map of the Everett Quadrangle, non-fill native soil along West Marine View Drive consist of Vashon Drift advance outwash (USGS 1985). This soil is described as clean, mostly gray, well stratified, unconsolidated sand with pebbles and some cobbles.

Shallow groundwater in the area is believed to have a relatively flat gradient and is estimated to flow generally to the west. Variations in the direction of groundwater flow may occur locally. Groundwater was encountered at a depth of 8 to 10 ft BGS during removal of underground storage tanks (USTs) from Puget Sound Truck Lines on September 10, 1990 (Applied Geotechnology, Inc. 1991).

Tidal influences in the vicinity of the North Marina, combined with the flow of the Snohomish River into Port Gardner Bay, have historically contributed to siltation of the waterways and the need for frequent dredging along the Everett waterfront. According to US Army Corps of Engineers (USACE) tidal datum, 1953, the estimated highest and lowest tides are +14.5 ft. and - 4.5 ft. MLLW, respectively (Pentec 1992).

3.0 HISTORICAL INFORMATION

Landau Associates used a variety of resources to develop the history of the subject properties and adjacent properties to assess the potential for environmental liability at the subject properties. The following resources were used to identify structures present on the North Marina and North Marina Supplemental Area properties:

- Aerial photographs (Snohomish County Department of Public Works 1947, 1965, 1969, 1974, 1984, 1991, and 1995). Copies of the aerial photographs are provided in Appendix A.
- Topographic maps (USGS-Everett Quadrangle 1944, 1953, 1968, and 1973; USGS-Marysville Quadrangle 1947, 1956, 1968, and 1973). Copies of the topographic maps are provided in Appendix B.

Following the verification of the presence of structures on the aerial photographs and topographic maps reviewed, the following sources of historical information were utilized to identify the names of the businesses occupying the structures observed:

- Sanborn[®] Fire insurance maps (1902, 1914, 1950, 1957, and 1968). Copies of the Sanborn[®] Fire insurance maps are provided in Appendix C.
- *Comprehensive Scheme of Harbor Improvement, Final EIS* (Port of Everett 1995).
- *Port of Everett Landscape Analysis* (Pentec 1992).
- Interviews with Port personnel, as provided in Appendix F.

3.1 SUBJECT PROPERTIES

3.1.1 AERIAL PHOTOGRAPHS

Historical aerial photographs were reviewed to help identify prior uses of the subject and adjacent properties that could potentially result in an environmental impact to the subject properties. Aerial photographs for the years listed above were reviewed at the Snohomish County Department of Public Works in Everett, Washington. A summary of the review is provided in Table 1. As indicated in Section 3.0, the identification of the site improvements observed in the aerial photographs was cross-referenced with the information provided in the Sanborn[®] Fire insurance maps, *Comprehensive Scheme of Harbor Improvements* (Port of Everett 1995), *Port of Everett Landscape Analysis* (Pentec 1992), and personnel interviews. Copies of the aerial photographs reviewed are provided in Appendix A.

A review of the 1947 aerial photograph appears to indicate the following:

- Most of the North Marina exists as open water and wharf structures built out over the water. In 1944, 40 acres of the 14th Street Pier were filled in by the Port (Port of Everett 1995).
- Two mills (Super Shingle Company and Everett Lumber and Shingle Company), a railroad spur, and log rafts exist at 14th Street on a pier. The original 14th Street Pier was built in 1892 and the Great Northern railhead was added in 1893 (Port of Everett 1995).
- Two buildings (North Coast Casket Company) appear to be present just west of Norton Avenue (present day West Marine View Drive) between 14th and 13th Streets.
- Additional mills (Jamison Lumber and Shingle Company and Hulbert Lumber and Shingle Company) appear to be present between 10th and 12th Streets. The C.B. Lumber and Shingle Company exists north of 10th Street.
- Three buildings labeled as “boat repair” on the 1950 Sanborn[®] Map, are visible where Fishermen’s Boat Shop currently exists.
- The “open water “ portion of the North Marina appears to be utilized for moorage and storage of logs for use in the mills.
- The net storage buildings located south of Fishermen’s Boat Shop appear to be in place.
- Several refuse burners identified adjacent to the mills on the Sanborn[®] Maps are not apparent on the aerial photograph.
- The North Marina Supplemental Area to the west of 10th Street appears as “open water” in the 1947 aerial photograph.
- The area adjacent to the North Marina and the North Marina Supplemental Area appears to be largely undeveloped residential areas to the east, Port Gardner Bay to the west, additional mills and log storage areas to the north, and log storage for a pulp and paper mill (Soundview Pulp Company) to the south.

A review of the 1965 aerial photograph appears to indicate the following:

- The former open water area between 14th and 12th Streets at the North Marina appears to be filled in and partially developed with a lumber mill on the north side of 14th Street. In 1965, the Port developed 1,000 boat slips on the south side of the North Marina (Port of Everett 1995).
- The easternmost of the two North Coast Casket Company buildings appears to have been replaced by a larger building. In the 1968 Sanborn[®] Map, these buildings are identified as the Cascade Casket Company (currently Collins Building).
- Two additional small structures appear to have been added to the present day Fishermen’s Boat Shop property.
- Jamison Lumber and Shingle Company appears to remain intact.

- The net warehouse buildings observed in the 1947 aerial photograph appear to remain intact; however, an additional building (later to be used for cold storage – Quality Seafoods) appears near the northeast corner of the net storage warehouse.
- A building (later to become Everett Engineering) appears to the east of Fishermen’s Boat Shop.
- A building, Bryant Boats, Inc, (later to become Harbor Marine Maintenance) appears to the north of Fishermen’s Boat Shop.
- A boat shelter building (later to be Everett Bayside Marine) appears to the northwest of the Bryant Boats facility.
- The wharf structure on 14th Street, including the rail spur, and Hulbert Lumber and Shingle Company do not appear on the 1965 aerial photograph. The mill reportedly burned down prior to 1965.
- The buildings that presently house the Fishermen’s Boat Shop, American Construction Company, Puget Sound Truck Lines, American Boiler Works, JL Brooks Welding, and the Everett Fire Museum appear to be present in the 1965 aerial photograph.
- Several boats appear to be stored in Fishermen’s Boat Shop boat yard.
- The area immediately west of the North Coast Casket Company (Collins Building) facility appears to be used as log storage for the lumber mills at 10th Street.
- The railroad spur at 14th Street appears to have the same configuration as in the 1947 aerial photograph. A second railroad spur appears along the north side of 13th Street.
- The North Marina Supplemental Area property west of 10th Street appears as open water in the 1965 aerial photograph.

A review of the 1969 aerial photograph appears to indicate the following:

- West Marine View Drive appears to have been expanded to four lanes and the railroad spur on 14th Street appears to have been removed.
- The mill at 10th Street is no longer present (burned down) and log piles are absent from the land north of the properties currently occupied by JL Brooks Welding and Everett Engineering Building M11.
- A warehouse building exists on the eastern portion of the property currently occupied by Marine Spill Response Corporation (MSRC).
- The Port of Everett Marine View Reception and Conference Center and the 14th Street Coast Guard Station buildings are visible and the Everett Fire Station #3 appears to be under construction.
- In the 1968 Sanborn[®] Fire insurance map, a waste material dump and oil storage shed are shown at the American Boiler Works Plant No. 1 building, and a paint shop is shown at

Fishermen's Boat Shop. These site features were not identified in the 1969 aerial photograph.

A review of the 1974 aerial photograph appears to indicate the following:

- The buildings currently occupied by Ameron International's warehouse, Sandy's Boat House, and Washington Belt & Drive Systems exist.
- Jordan Park, developed from 1971-1973, is visible next to the Coast Guard Station (Port of Everett 1995).
- Poles appear to be stored on the western portion of the MSRC property.
- A second building exists at Everett Bayside Marina.
- The 10th Street boat launch and park area appear to be partially filled in north of the 12th Street Waterway.
- Other site features appear similar to the 1969 aerial photograph.

A review of the 1984 aerial photograph appears to indicate the following:

- Two buildings are visible in the south lot of American Construction Company and two other buildings also are visible on the north portion of the Everett Engineering Building M11 property.
- The westernmost JL Brooks Welding building appears to be larger and three buildings are visible on the MSRC property.
- The Ameron International office building (also Sunset Body Works, etc.) exists.
- Fishermen's Boat Shop and Everett Engineering main buildings appear to be larger.
- Several boats are visible at the Port Boatyard.
- The 10th Street boat launch and park area north of the 12th Street Waterway appear to be fully developed and in use.
- Other site features appear similar to the 1974 aerial photograph.

A review of the 1991 aerial photograph appears to indicate the following:

- A possible large diesel AST is visible on the Puget Sound Truck Lines property.
- Machinery or equipment appears to be stored on the Port of Everett overflow parking lot.
- The Harbor Marine Maintenance boat servicing building is visible adjacent to the Port Boatyard.
- Several boats are visible in the lot north of JL Brooks Welding.
- The rail spur along the north side of 13th Street appears to have been abandoned.

- Other site features appear similar to the 1984 aerial photograph.

A review of the 1995 aerial photograph appears to indicate the following:

- The Port of Everett Overflow Parking Lot appears to be developed as a gravel parking lot.
- The Port of Everett Marina Maintenance building is visible west of the Collins Building.
- Other site features appear similar to the 1991 aerial photograph.

3.1.2 USGS TOPOGRAPHIC MAPS

Landau Associates reviewed the USGS 7.5-Minute Series Marysville and Everett Quadrangle topographic maps for the years listed in section 3.0 above. Copies of the topographic maps reviewed are included in Appendix B.

The 1944 and 1947 maps show a narrow pier with a few buildings and a railroad spur at 14th Street extending west to Port Gardner Bay. The information appears to be in agreement with the 1947 aerial photograph previously summarized.

Maps from 1953 and 1956 show the North Marina filled in consistent with its present configurations. A few buildings and two railroad spurs are shown. One railroad spur lies on 14th Street and the other railroad spur lies along the north side of 13th Street as far west as the existing American Boiler Works Plant No. 2 building. The information provided in this map confirms that the filled area observed in the 1965 aerial photograph between 14th and 12th Streets was created between 1947 and 1965.

In the 1968 maps, the 14th Street railroad spur is absent, but additional development of the western part of the North Marina including American Construction Company and Port of Everett Marine View Reception and Conference Center is shown.

Maps from 1973 are similar to 1968, but show additional development of the boat slips along 14th Street.

4.0 AGENCY FILE REVIEW

4.1 ENVIRONMENTAL DATA RESOURCES, INC.

Environmental Data Resources, Inc. (EDR) was subcontracted to conduct a search (as prescribed by ASTM E 1527-00) of EPA and Ecology environmental databases that contain information regarding potential environmental issues at and near the subject properties. The search (Environmental Data Resources, Inc. 2001) 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 address of a site located approximately in the center of the subject properties, and identified sites listed in the databases that are located within a 1¼-mile radius of this centrally located property. EDR then compiled the information into a summary report that identifies sites of potential environmental concern within the prescribed radius. The EDR report is included as Appendix D.

As is common to database searches keyed into a geographic mapping system, EDR reported that a number (56) of sites were not mappable due to incomplete addresses or other identifying information. Based upon Landau Associates' review of the EDR report, the unmapped sites are located outside their respective search radii from the subject properties. Therefore, these unmapped sites are not expected to represent a significant environmental concern for the subject properties.

Due to the nature of contaminant migration in the subsurface, only sites located on the subject properties or sites located hydraulically upgradient or cross-gradient of the subject are considered for the potential to environmentally impact the subject properties. The direction of local groundwater flow is generally to the west (see Section 2.4); therefore, sites located to the east, south, and north would be considered for the potential to impact the subject properties.

Table 2 summarizes the results of the regulatory database search and presents a list of the databases searched by EDR. Based on the information provided in the EDR report, a number of the sites identified in the regulatory database search are located within the North Marina properties, and therefore, may be of potential environmental concern to the subject properties. Table 3 provides a summary of the sites identified on regulatory database lists that are considered to have the potential to impact the subject properties. These sites are located on or adjacent to the subject sites or are located hydraulically upgradient (east) or cross-gradient (south or north) of the subject properties. The list of sites presented in Table 3 was used to request additional data from Ecology and to provide site information prior to the site reconnaissance. In obtaining Ecology records and in completing the site reconnaissance, emphasis was

placed on sites that were reported to have one or more violations, according to the EDR database search.

The sites that were reported to have violations and the extent of those violations were as follows:

- Three sites were listed as leaking underground storage tank (LUST) sites. These sites include the Port property at 1100 13th Street (currently Everett Bayside Marina), Everett Bayside Marina, and Puget Sound Truck Lines.
- Two sites were listed as independent remedial action (WA ICR) sites. These sites were Everett Bayside Marina and Puget Sound Truck Lines and the remedial actions were reportedly completed in April 2000 and June 1995, respectively.
- Two sites were listed in violation of Small Quantity Hazardous Waste Generators (SQG) requirements. These sites were the Fishermen's Boat Shop and American Boiler Works and the extent of the violations was not provided in the EDR report.
- Two sites, Fishermen's Boat Shop and Puget Sound Truck Lines, were listed on the confirmed and suspected contamination site list (CSCSL).
- One site, American Boiler Works, was listed on the federal tracking system for pesticide enforcement actions and compliance activities (FTTS).

Based on the information in the EDR report, additional attention was focused on Fishermen's Boat Shop, American Boiler Works, Everett Bayside Marina, the Port Boatyard, and Puget Sound Truck Lines during the site reconnaissance and records for these sites were requested from Ecology. The other sites listed on the EDR report were also observed during the site reconnaissance and additional information was gathered, as necessary.

4.2 ECOLOGY FILES REVIEW

Based on the information provided in the EDR report, Landau Associates contacted Ecology and requested permission to review the files maintained by Ecology for the following sites:

- American Boiler Works – 1332 West Marine View Drive, 1208 West Marine View Drive, and 1402 West Marine View Drive
- Ameron International (formerly Centrecon) and Sunset Body Works (tenant) – 1130 West Marine View Drive
- Everett Bayside Marina (a.k.a. Everett Boat House and Marina) – 1001 14th Street
- Everett Engineering (Building M11) - 731 13th Street
- Port of Everett Property – 1720 W. Marina View Drive
- Port of Everett Property – 1100 13th Street
- Everett Fire Station #3 – 920 13th Street

- Fishermen's Boat Shop – 1016 14th Street
- JL Brooks Welding (formerly Chuck's Boat Hospital) – 915 13th Street
- Puget Sound Truck Lines – 615 13th Street
- WA DOT Norton Terminal – 1710 W. Marine View Drive.

Following an initial site visit by Landau Associates personnel, Ecology was contacted and permission was requested to review files for the following additional sites:

- Collins Building (formerly North Coast Casket Company) – 1210 West Marine View Drive
- Marine Spill Response Corporation – 1105 13th Street.

The Ecology files were reviewed on July 12, 2001. Copies of pertinent information in the Ecology files were obtained by Landau Associates and are presented in Appendix E. Records of communication related to the verification of the information identified in the Ecology files are presented in Appendix F. The information provided in the Ecology files is summarized as follows:

American Boiler Works - 1332 and 1402 West Marine View Drive and 801 13th Street - A letter from Ecology to American Boiler Works regarding stormwater permitting was listed in the Ecology files. No permit number or violations were listed.

Ameron International (formerly Centrecon) and Sunset Body Works (tenant) - 1130 West Marine View Drive - Ecology files indicated that on September 9, 1988, due to a change in business ownership, Ameron International requested to transfer wastewater discharge permit No. ST5142 from Centrecon to Ameron. No Ecology files were identified to provide information related to a closure of a UST at the facility.

Collins Building (formerly North Coast Casket Company) - 1210 West Marine View Drive - No Ecology files were identified for the site.

Everett Bayside Marina (a.k.a. Everett Boat House and Marina) - 1001 14th Street - Ecology files indicate that two USTs, utilized to store gasoline, were removed from the site in January 1991. The removed tanks reportedly consisted of one 500-gal UST and one 2,000-gal UST. The tanks were removed by A-1 Pump Service, Inc. (A-1), under the observation of Kaldveer Associates. A letter report prepared by Kaldveer Associates and received by Ecology in March 1991 indicated that soil in the southwestern portion of the UST excavation area exceeded cleanup standards for petroleum hydrocarbons, however the material was not removed at the time the USTs were removed. The Kaldveer Associates report also noted the observation of floating free product on the water that was present in the UST excavation area, and recommended the installation of groundwater monitoring wells to evaluate contamination. A subsequent letter report prepared by A-1 and received by Ecology in October 1991 indicated that the soil exceeding cleanup standards was excavated and placed in "a berm yard and aerated over a thirty day period, rechecked and then placed on the north section of the port property". The A-1 letter report indicated that soil and water samples were collected when the material was excavated and that the

analytical results “indicate that this area is no longer contaminated”. Laboratory analytical reports and correspondence from Ecology regarding the soil disposition or determination that no further action was required at the site were not identified in the Ecology files.

Everett Engineering (Building M11) - 731 13th Street - No Ecology files were identified for the site.

Everett Fire Station #3 - 920 13th Street - Ecology files indicate that one 1,000-gal UST, utilized to store diesel fuel, was removed from the site in June 1993. The tank was removed by O’Sullivan Petroleum Equipment Company under the observation of Dean Hough & Associates. A letter report, prepared by Dean Hough & Associates was subsequently received by Ecology in August 1995. According to the letter report in Ecology files, four holes were observed in the UST after it was removed from the excavation area. Soil samples were collected from “three pit walls” and determined to not exceed cleanup standards for petroleum hydrocarbons, however a hydrocarbon odor was noted during excavation (possibly creosote) and samples were apparently not collected from below the UST. No information was provided in the Ecology file indicating the final disposition of the aerated soil or removed UST and subsequent correspondence from Ecology indicating that no further action was necessary for the site was also not identified in the file.

Fishermen’s Boat Shop (also known as Everett Shipyard) - 1016 14th Street - Ecology files indicate that an independent cleanup action was initiated at the site in 1988-89 in the area located west of the wood shop at the site. The details of the independent cleanup actions were not provided by Ecology or Fishermen’s Boat Shop personnel (Kevin Quigley and Dick Eitel). Ecology files also indicate that the facility notified Ecology of “dangerous waste activities” in June 1990, however the facility requested that its dangerous waste identification number (i.e., Hazard Waste Identification Number) be withdrawn. In May 1991, the facility notified Ecology that the purpose of the notification of dangerous waste activities in June 1990 was for a one-time disposal of asbestos waste from the site. Ecology personnel completed inspections of the facility in April and May 1992. The Ecology personnel noted the following issues at the site:

- The facility was found to be a “large quantity generator” of hazardous waste and was found to be disposing of the waste material utilizing the generator identification number it had requested be withdrawn and without proper manifesting of the waste material.
- The facility had reportedly “cleaned up” an area of sandblast grit in the storage yard at the request of Ecology in 1990, however the details of the cleanup were not provided and the Ecology inspectors noted that “much more cleanup may be required”. Piles of sand blast grit were observed on the ground.
- Various containers of dangerous waste materials (paint thinner, paint waste, rust preventer, creosote, isocyanate, etc.) were improperly labeled and/or improperly stored at the site.
- Shipping papers maintained by the facility indicated that regulated wastes (sludge, paint thinner, paint, oil, paint solids, xylene, methyl ethyl ketone, etc.) were disposed from the site but lacked manifests.
- The facility was discharging water from a building wash sink directly to the storm sewer system which flows through a storm sewer outfall into the bay (North Marina) to the west of the site.

Following the Ecology inspection, records indicated that the facility was attempting to make some progress toward addressing concerns identified, however the Ecology records were incomplete. A majority of the Ecology personnel familiar with the site are no longer with the agency. One Ecology employee (Rick Huey) who was involved with the inspection completed in 1992 was interviewed and did not recall the specific issues at the site or the resolution of the issues. The files also indicated that the facility has a current stormwater discharge (NPDES) permit, however discharge monitoring reports for the permit were not identified in the Ecology files. Landau Associates contacted Mr. Dick Eitel of Fishermen's Boat Shop to determine if the facility maintained records of cleanup actions that may have been completed, however Mr. Eitel could not recall cleanup actions that may have occurred or the presence of documentation.

JL Brooks Welding (formerly Chuck's Boat Hospital) - 915 13th Street - No Ecology files were identified for the site.

Marine Spill Response Center - 1105 13th Street - Information provided by Port personnel (Bob McChesney) indicated that an independent environmental cleanup action was completed at the site prior to the construction of the Marine Spill Response Center (MSRC) facility. Mr. McChesney recommended that we contact Mr. Rory Galloway (formerly with Kleinfelder) who possibly managed the cleanup effort. Mr. Galloway was contacted by Landau Associates and he recalled that an independent environmental cleanup was conducted at the site in 1993 to address noted petroleum impacted media including drums, scrap metal, timbers, and soil. Mr. Galloway indicated that soil was removed from the impacted area to meet cleanup goals, however groundwater was not assessed. Mr. Galloway also recalled that an independent cleanup action report was sent to Ecology. Two Ecology representatives (Mr. Joe Hickey of the Independent Cleanup Program and Ms. Donna Musa who tracks reports received by Ecology's Northwest Regional Office), were contacted by Landau Associates. Neither of the Ecology contacts were able to find records of environmental cleanup actions at the site. Subsequently, the Port located the Independent Cleanup Action Report (Kleinfelder 1993) prepared for the site. A review of the report indicated that excavation activities were carried out at the site to remove drums, debris, soil and a concrete structure located near the southwestern portion of the MSRC facility. Soil excavation was continued to a maximum depth of approximately 22 ft BGS and confirmation soil samples were collected from the extent of the excavation area. Laboratory analysis of the confirmation soil samples indicated that the excavation action had achieved soil cleanup standards for petroleum impacts. The excavation included the offsite disposal of approximately 966 tons of material. During excavation activities, groundwater was encountered at a depth of approximately 6 ft BGS. No groundwater samples were collected for analysis.

Port of Everett Property - 1100 13th Street - Ecology files indicate that three USTs, utilized to store fuel, were removed from the site in June 1991. The removed tanks reportedly consisted of one 1,000-gal UST used to store gasoline, one 500-gal UST used to store gasoline, and one 300-gal UST used to store diesel. The tanks were removed by A-1. A letter report prepared by A-1 and received by Ecology in August 1991 indicated that a "slight sheen" was observed on the water in the UST excavation area, resulting in the excavation of "approximately 50 yards" of material that was "placed in a berm yard and aerated (sic)". The excavated soil was reportedly treated and then "placed on port property to the north of this site". The letter report also indicated that "water was pumped from the excavated area and disposed of through Vintage Oil, Anacortes". Laboratory analytical reports and correspondence from Ecology regarding the soil disposition or determination that no further action was required at the site were not identified in the Ecology files. The site currently appears to be a fenced storage yard leased by Everett Bayside Marine.

Port of Everett Property - 1720 W. Marine View Drive - An Ecology file reviewed for the property titled "Waste Streams for Reporting Years: 1993 to 1995" listed the site as a small quantity generator/marine cargo handling for the following items; parts and carburetor cleaner, latex paint and paint solvent, waste acetone and vinyl chloride, ethylene glycol, benzene, oil, tetrachloroethylene, tar, and mineral spirits. No violations were reported in the files reviewed.

Port of Everett Boatyard - 609 14th Street - Ecology files indicate that five USTs, utilized to store fuel, were removed from the site in June 1992. The removed tanks reportedly consisted of one 10,000-gal gasoline UST, two 10,000-gal diesel USTs, one 4,000-gal gasoline UST, and one 5,000-gal gasoline UST. The tanks were removed by A-1. A letter report prepared by A-1 and received by Ecology in July 1992 indicated that the USTs were in good condition at the time of removal and were properly disposed or recycled at offsite facilities. The A-1 report noted that confirmation soil and water samples collected from the UST excavation did not contain "contaminates", however, visual evidence of "contamination" was observed around the UST fill pipes. Approximately "80 yards" of soil was removed from around the fill pipes and placed in a "bermyard" north of 13th Street and allowed to aerate. No information was provided in the Ecology file indicating the final disposition of the aerated soil or subsequent correspondence from Ecology indicating that no further action was necessary for the site.

Puget Sound Truck Lines - 615 13th Street - Ecology files indicate that two USTs, utilized to store diesel fuel, were removed from the site in September 1990. The removed USTs reportedly consisted of one 10,000-gal tank and one 4,000-gal tank. The USTs were removed by Applied Geotechnology, Inc. (AGI). A letter report prepared by AGI and received by Ecology in June 1991 indicated that the USTs were in good condition and soil analytical results caused the additional excavation of soil near the southeast corner of the UST excavation area. The material removed from the additional excavation (approximately 140 yd³) in the southeast corner of the UST pit was reportedly stockpiled and treated on site with land farm methods. After the stockpile material was sufficiently treated, according to analytical results, the material was graded back into the site. No information was provided in the Ecology file indicating the final disposition of the USTs or subsequent correspondence from Ecology indicating that no further action was necessary for the site.

According to an Ecology memo, a caller contacted Ecology and reported receiving an anonymous tip that a fuel spill had occurred October 8, 1991 at Puget Sound Truck Lines. According to the caller, one of the shutoff valves on the diesel AST broke and approximately 30 gal of fuel spilled on the ground. The caller stated that this type of spill was a frequent occurrence. The incident was investigated by Ecology personnel but records were not observed indicating additional action was taken.

WA DOT Norton Terminal - 1710 W. Marine View Drive - No Ecology files were identified for the site.

Based on the information reviewed in the Ecology files, further information regarding the status of UST removal activities may be required for the following sites:

- Everett Bayside Marina (a.k.a. Everett Boat House and Marina) - 1001 14th Street
- Port of Everett Property - 1100 13th Street
- Everett Fire Station #3 - 920 13th Street

- Puget Sound Truck Lines - 615 13th Street
- Port of Everett Boatyard - 609 14th Street.
- Ameron International – 1130 West Marine View Drive

The primary information required for these former UST sites related to the North Marina Redevelopment Project would be to: 1) determine if groundwater impact is present at the North Marina due to the products previously stored in the USTs, 2) determine if Ecology has issued correspondence indicating that no further action is warranted, 3) determine the final disposition of excavated soil that was treated on site. In addition, contradictory evidence appears for the potential presence of a UST at Fishermen's Boat Shop. The UST was reported in the EDR database search, but records of its existence or removal were not identified in Ecology files.

Based on the history of the Fishermen's Boat Shop, additional information should be gathered for the site to determine the need for additional remedial action relative to the environmental issues identified by Ecology in 1992 which appear to remain unresolved based on observation of the site.

The conditions observed at these sites and the potential need for additional information will be discussed in Section 6 of this report.

4.3 ADDITIONAL RECORDS REVIEWED

4.3.1 SEDIMENT SAMPLING REPORTS

Landau Associates reviewed a report titled *Puget Sound Dredged Disposal Analysis (PSDDA), Full Characterization for the 12th Street Marina* (Pentec 2001). The report summarizes the results of physical and chemical analyses of sediments collected within the dredge footprint of the Port of Everett proposed 12th Street Marina. Samples were collected from the 12th Street Waterway directly north of American Construction Company, Port of Everett Overflow Parking property, Puget Sound Trucking Company, Everett Engineering Building M11 and JL Brooks Welding. Features draining stormwater into the 12th Street Waterway from the subject properties include a swale that runs between American Construction Company and Puget Sound Trucking Company, a 6-inch concrete outfall and another outfall with an oil trap baffle, and a 14-inch concrete outfall. Three of the fourteen samples collected and analyzed during the Pentec study were obtained near the swale and three outfalls. According to the Pentec report for the 12th Street Marina, there were no exceedances of the Puget Sound Dredge Disposal Analysis (PSDDA) screening levels, bioaccumulation triggers and maximum levels for sediments collected from the proposed Port 12th Street marina dredging project.

Landau Associates also reviewed a report titled *Puget Sound Dredged Disposal Analysis, Full Characterization for the Port of Everett Marina, 10th Street Boat Launch, and Jetty Island Boat Dock* (Pentec 2000). The report includes the results of physical and chemical analyses of sediments collected at several areas at the Port of Everett in preparation of potential dredging projects. Relative to the North Marina Redevelopment Project, four sediment core samples were collected in the vicinity of the North Marina boat slips. The sediment sample locations were identified to be near stormwater discharge points that convey water from several boat maintenance areas (including Fishermen's Boat Shop) adjacent to the North Marina. The four sediment core samples were combined into one composite sample for analysis of metals. Although elevated concentrations of several metals (copper, lead, and nickel) were reported to be present in the composite sediment sample, the PSDDA screening levels were not exceeded. It is our understanding that dredging was completed or is presently underway for the North Marina boat slips.

5.0 PROPERTIES RECONNAISSANCE

On June 28 and July 3, 2001, Landau Associates personnel conducted reconnaissance of the subject properties, and adjacent properties, to visually assess current land use activities and environmental conditions. Landau Associates personnel were escorted during the site reconnaissance activities by representatives of the various businesses observed. The reconnaissance was documented with photographs (Appendix G), as permitted by the site representatives.

5.1 THE NORTH MARINA PROPERTIES

Facilities located on Port property that were observed during the site reconnaissance were as follows:

Facility Identification	Site Address
American Boiler Works	1332 West Marine View Drive
American Construction Company	411 13 th Street
Ameron International	1130 West Marine View Drive, Suite 101 (observed on November 19, 2001)
Churchill Brothers Marine Canvas	1130 West Marine View Drive, Suite C
Collins Building	1210 West Marine View Drive
Dunlop Industrial Hardware	1130 West Marine View Drive, Suite D
Everett Bayside Marina	1001 14 th Street
Everett Engineering Building M11	731 13 th Street
Everett Engineering, Inc.	1420 West Marine View Drive
Everett Fire Museum	1002 14 th Street
Everett Fire Station #3	920 13 th Street
Fishermen's Boat Shop	1016 14 th Street
Former Coast Guard Station	14 th Street (near Yacht Basin Marina)
Harbor Marine Maintenance Boat Repair Building	14 th Street (West of Port Boatyard)
Harbor Marine Maintenance Main Building	1402 West Marine View Drive
JL Brooks Welding	915 13 th Street
Jordan Park	14 th Street (near former Coast Guard Station)
L & M Marine Service	999 14 th Street

Marine Spill Response Corporation	1105 13 th Street
Milltown Sailing Association	410 14 th Street
Net Sheds	West Marine View Drive
North Marina Boat Slips	South of 14 th Street
North Marina Supplemental Area	Accessible Via 10 th Street
Nugget Boat Works	931 13 th Street
Port of Everett Marine View Reception and Conference Center	404 14 th Street
Port of Everett Overflow Parking Lot	13 th Street, East of Puget Sound Truck Lines
Port of Everett Property (current storage yard for Everett Bayside Marina)	1100 13 th Street
Port of Everett Marina Maintenance Facility	1208 W. Marine View Drive
Port of Everett Boatyard	609 14 th Street
Puget Sound Truck Lines	615 13 th Street
Sail Loft	14 th Street
Sandy's Boat House	1230 West Marine View Drive
Sanger Marine	949 14 th Street
Quality Seafoods	West Marine View Drive
Sunset Body Works	1130 West Marine View Drive, Suite B
Sunset Yacht Brokerage	14 th Street
Washington Belt and Drive Systems	1234 West Marine View Drive.

In general, the following observations were made during the site reconnaissance:

- Observed properties were being used for boat sales, boat repair, boat storage, boat maintenance, boat docking, marine support services, industrial metals fabrication, boiler manufacturing, truck maintenance, and storage of industrial equipment and machinery. Most properties on the northern half of the North Marina property consisted of buildings with gravel lots and properties on the southern half consisted mostly of buildings with asphalt-paved surfaces. Runoff from gravel and paved areas and building roofs is directed to storm sewer catch basins that are connected to outfalls emptying into Port Gardner Bay to the west, the boat moorage area to the south, and the 12th Street Waterway to the north.
- Buildings observed at the subject properties range in age from the early 1900s to 1990s and vary from wooden warehouse-type structures to buildings constructed of steel frames and roofs with concrete floors.
- Many of the structures were constructed prior to 1975 (Table 4) and therefore should be considered for the potential to contain asbestos containing materials (ACMs). ACMs were used in the construction of buildings after 1975, however, the time period from 1940 to 1975

is generally considered as the period when ACMs were most heavily utilized. Suspected ACMs observed included insulation material, floor tiles, ceiling tiles, and pipe wrap material. According to Mr. Bob McChesney of the Port, ACMs have been confirmed in the Port Marine View Reception and Conference Center.

- USTs and/or leaking underground storage tanks (LUSTs) were noted in Ecology records to have been decommissioned from seven of the subject properties [Everett Fire Station #3, Fishermen's Boat Shop, Everett Bayside Marina, Puget Sound Truck Lines, Centrecon (Ameron International), Port Boatyard, and Port of Everett Property at 1100 13th Street]. However, the former location of these tanks was not readily apparent at many of these facilities as it has been up to 10 years since the USTs were removed. The former UST location at the Port property at 1100 13th Street currently appears to be the northwestern portion of the Everett Bayside Marina facility.
- One active UST was observed in use at the Port Boatyard. Leak detection monitoring wells appeared to be installed adjacent to the UST; however, records regarding the installation or monitoring of the UST were not available from the Port. According to Bob McChesney of the Port (Appendix F), the UST has leak detection, spill control, and corrosion protection in accordance with current regulations; however, the date of installation is unknown.
- The presence of a UST at Fishermen's Boat Shop was not confirmed. Fishermen's Boat Shop representatives (Kevin Quigley and Dick Eitel) did not have any knowledge regarding the current or former existence of a UST at the facility.
- Possible UST vent and product pipes were observed at the JL Brooks Welding (formerly Chuck's Boat Hospital) site. No records reviewed by Landau Associates indicated the presence of a UST at the site and the site representative (Don Stoltz) had no knowledge of a tank being present at the site in the past.
- Aboveground storage tanks (ASTs) storing diesel, gasoline, waste oil, hydraulic oil, or fuel oil, were observed at thirteen sites (American Boiler Works, American Construction Company, Ameron International, Collins Building, Everett Bayside Marina, Everett Engineering Building M11, Everett Engineering, Inc., Everett Fire Station #3, Fishermen's Boat Shop, Port overflow parking lot, Port Marina Maintenance Facility, Puget Sound Truck Lines, and Sandy's Boat House). Visibly stained soils were observed in the vicinity of the ASTs at Everett Engineering, Inc., Puget Sound Truck Lines, Port overflow parking lot, American Boiler Works, and American Construction Company.
- Potential hazardous waste products, including solvents, paints, new and used motor oil, antifreeze/coolants, and hydraulic oil were stored in cabinets, in drums or in ASTs at several of the sites. Boat cleaning and repair products, including paints, thinners, fiberglass resins, and epoxies were also noted at several properties. Visual surface stains were observed in the storage or usage areas of these materials at American Boiler Works, American Construction Company, Ameron International, Everett Bayside Marina, Everett Engineering Building M11, Everett Engineering, Inc., Fishermen's Boat Shop, Harbor Marine Maintenance Boat Servicing Building, Port Boatyard, and Puget Sound Truck Lines.
- Sandblast grit and paint chips were noted at Fishermen's Boat Shop and Everett Engineering Building M11.

- Creosote-treated timbers were observed at Fishermen's Boat Shop and at American Construction Company.
- The North Marina Supplemental Area was observed to be a vacant piece of property used for recreation adjacent to the north side of the 12th Street Waterway.

The observations made during the site reconnaissance at the facilities located on Port property are summarized in Table 4.

5.2 ADJACENT PROPERTIES

As part of the site reconnaissance, Landau Associates also observed adjacent properties listed in the EDR database to assess current land use activities and environmental conditions. Specifically, Landau Associates personnel observed TC Systems, O&W Glass, and Performance Marine. Based on the site reconnaissance, the following observations were recorded:

- An AST was observed at Performance Marine. The AST was utilized to store waste oil and, according to site personnel, the contents are removed and disposed by Safety Kleen (a waste recycler), as needed.
- Metals finishing processes, including painting and grinding, are completed at TC Systems. The waste material generated is contained onsite in wastewater ASTs. The wastewater is allowed to settle and then discharges to the sanitary sewer system under permit with the City of Everett.

Table 5 presents the results of the site reconnaissance for the adjacent properties. Based on the site reconnaissance, there were no other conditions of potential environmental concern identified on the surrounding properties.

6.0 CONCLUSIONS

It is our understanding that the North Marina Redevelopment Project could include additional dredging and filling of subtidal and intertidal areas and re-grading and construction in the upland areas of the subject properties. Environmental liabilities associated with the planned project would include potential exposure of construction workers and the public to contaminants during and after the redevelopment process; the potential remedial costs (e.g., excavation and disposal costs) associated with addressing environmental liabilities to accommodate redevelopment activities; and possible land use limitations on the properties to be redeveloped due to environmental impacts. Based on these considerations and the information provided within this report, we have classified the potential environmental risks for the North Marina Redevelopment Project into the following three classifications:

- *High Risk* – Indicating that confirmed environmental impacts have been documented at the site and the corrective action to address these impacts either has not been completed or has not been adequately documented.
- *Moderate Risk* – Indicating that either 1) environmental impacts have been documented and addressed at a site but final notification from the regulatory agency has not been documented to indicate that no further action is necessary or, 2) previously undocumented environmental impacts were observed by field observations but would likely have nominal impact on the redevelopment project.
- *Low Risk* – Indicating that a confirmed environmental impact has been addressed to the satisfaction of the regulatory agency or no environmental impacts were observed during site reconnaissance that would likely present an environmental risk or be the subject of regulatory enforcement actions.

Based on these classifications for risks at the subject properties, our determinations of risk relative to the sites discussed in this report are as follows:

High Risk Issues

- Buildings located within the project area should be considered for the presence of suspected ACMs and lead-based paint. In the event that buildings require demolition during the redevelopment project, the individual buildings should be inspected by certified personnel and samples of building materials should be analyzed to determine the presence or absence of ACM and lead-based paint.
- ACMs have been confirmed to be present at the Port of Everett Marine View Reception and Conference Center. Should the redevelopment project include the disturbance of the confirmed ACM, the material will need to be properly removed and disposed by trained personnel.

- Sediments and water collected by storm sewer piping in impacted areas and with the potential to discharge to surface water may cause regulatory criteria for sediment and/or surface water quality to be exceeded. Although the Port has implemented a sediment sampling and analysis program for areas that have been recently dredged or are scheduled to be dredged in the future, it appears that some of the stormwater discharge outfalls with the potential to drain water and sediments from impacted upland areas were not included in the sediment sampling program. Specific stormwater discharge locations that may discharge impacted sediments and water, and that have not been addressed by the sediment sampling program, include the following:
 - 6-inch diameter PVC discharge pipe located west of Fishermen's Boat Shop because it potentially discharges from the ground surface at the facility, which was observed to have a large quantity of sandblast grit and potentially oil-impacted sediments
 - 10-inch diameter concrete discharge pipe located south of the Port Boatyard because it potentially discharges from the ground surface at the facility, which was observed to have surface staining from paints
 - 10-inch diameter concrete discharge pipe located south of the Harbor Marine Maintenance Boat Servicing Building because it potentially discharges sediments from the area around that building; the area around the building was an active boat maintenance area with the potential for uninterrupted flow of paint, solvents, and grit directly to the storm sewer
 - 4-inch diameter corrugated metal discharge piping located at the western terminus of 13th Street because it has the potential to discharge from American Construction, which was confirmed to have stained surface soil and several piles of creosote coated timbers.

Dependent on future dredging plans in the vicinity of the outfalls identified above, it may be advisable to collect and analyze sediments near the outfalls for comparison to DMMP criteria or the Sediment Management Standards (SMS; WAC 173-204).

- Groundwater in the vicinity of the sites identified as being impacted during the removal of USTs may need to be evaluated. The former UST sites confirmed to be impacted include Ameron International, Everett Bayside Marina, Fire Station #3, Port property at 1100 13th Street (currently a storage yard for Everett Bayside Marina), Port Boatyard, and Puget Sound Truck Lines. Potential groundwater impacts include volatile organic compounds, petroleum hydrocarbons, polycyclic aromatic hydrocarbons, and metals.
- Surface and subsurface assessment may need to be evaluated at Fishermen's Boat Shop to determine the nature and extent of impact from the current and past operations at the site. Visual observations and record reviews indicate that this site will likely have a significant volume of impacted upland soil and subtidal sediment that would require special handling (e.g. disposal as dangerous waste) if the site were to be redeveloped. In addition, it may be advisable to evaluate the groundwater at Fisherman's Boat Shop. Potential impacts to soil, sediment, and groundwater would include metals, organotins, volatile organic compounds, and polycyclic aromatic hydrocarbons.

Moderate Risk Issues

- Incomplete records exist for the final disposition of excavated soils generated from UST removal activities that were subsequently treated. Port personnel have indicated that some of this material may have been deposited in the area immediately east of the 12th Street Waterway. This area is currently occupied by the Port Marina Maintenance Facility. Field screening or laboratory testing of the soil for petroleum hydrocarbons at the Port Marina Maintenance Facility may be advisable to determine the potential concentration, of petroleum hydrocarbons in subsurface soil prior to redevelopment of this area.
- Records were not identified that indicate that Ecology has reviewed the data submitted for the UST removal sites and will require no further action relative to the remediation of these sites. These “closure” letters should have been issued to the tank owner or the contractor/consultant that performed the work. The closure letters should be obtained and properly filed for future reference. In the event that the closure letters are not found, they should be requested from Ecology.
- An independent cleanup action was reportedly completed in 1993 to remove petroleum impacted material adjacent to the MSRC facility. According to soil analytical data collected from the extent of the excavation completed during the cleanup action, the petroleum impacted material was effectively removed from the area. However, no groundwater samples were collected to determine if groundwater was impacted in excess of applicable cleanup standards. It may be advisable to assess groundwater in the vicinity of the former excavation area.
- Small surface stains were observed to be present at the following facilities during site reconnaissance activities:
 - Ameron International
 - Collins Building
 - Everett Bayside Marina
 - Everett Engineering Building M11
 - Everett Engineering, Inc.
 - Fishermen’s Boat Shop
 - Harbor Marine Maintenance Boat Repair Building
 - Port of Everett Overflow Parking Lot
 - Port of Everett Boatyard
 - Puget Sound Truck Lines.

The impacted soil media associated with the small surface stains at these sites is expected to be minimal (less than 50 total yd³ per site)

- A potential UST vent line and product piping was identified at JL Brooks Welding. Determining the presence or absence of a UST in that location could likely be accomplished with a magnetometer.

- Sandblast grit exists in the yard north of Everett Engineering Building M11. This material may require analysis to determine if it needs to be disposed as a dangerous waste.
- Records regarding product inventory and leak monitoring should be maintained for the UST at the Port Boatyard to determine if the UST has potentially leaked product.
- A subsurface assessment may be advisable at the American Construction Company property. The site was not documented in the EDR database search, however site reconnaissance noted the presence of petroleum storage tanks, drums potentially containing hazardous materials, and several piles of creosote treated timber.
- Railroad spurs were identified in historical documents to be located adjacent to 13th and 14th Streets. No confirmed impacts were identified relative to the railroad spurs, however, the potential exists that the rail spurs were utilized for rail car cleaning and engine fueling and/or maintenance. Therefore, a moderate potential risk would be present in the vicinity of the rail spurs.

Low Risk Issues

The remaining sites evaluated in the preparation of this report would be categorized as low risk sites, with the possible exception of asbestos and lead-based paint issues. These sites are as follows:

- Churchill Brothers Marine Canvas
- Dunlop Industrial Hardware
- Former Coast Guard Station
- Jordan Park
- L & M Marine Service
- Milltown Sailing Association
- Net Sheds
- North Marina Supplemental Area
- Nugget Boat Works
- Port of Everett Marina Maintenance Facility
- Sail Loft
- Sandy's Boat House
- Sanger Marine
- Quality Seafoods
- Sunset Body Works
- Sunset Yacht Brokerage
- Washington Belt and Drive Systems.

7.0 USE OF THIS REPORT

This Phase I ESA was undertaken and this report prepared for the exclusive use of Maritime Trust, the Port of Everett, their legal representatives, and their authorized users for specific application to the subject properties for the North Marina Redevelopment Project. It is intended to provide the authorized users with an understanding of the potential environmental liabilities associated with the properties 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 their sole risk.

This report is based on telephone interviews and observations and information obtained during two visits to the subject properties and is based solely on the condition of the properties on those days observed, 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 they have not been contradicted by observations during the properties 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. The manner in which the findings and conclusions presented are addressed for the North Marina Redevelopment Project will be at the discretion of the authorized users and may be based on the development plans for the site, as well as other factors.

Landau Associates has performed the services and made the findings in accordance with generally accepted practices for Phase I ESAs in effect at the time and place the services were performed. 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 properties. It must also be understood that changing circumstances in the environment and use of the properties can alter the conclusions and findings contained in this report.

This document has been prepared under the supervision and direction of the following key staff:

LANDAU ASSOCIATES, INC.

By:


George C. Iftner
Senior Staff Scientist

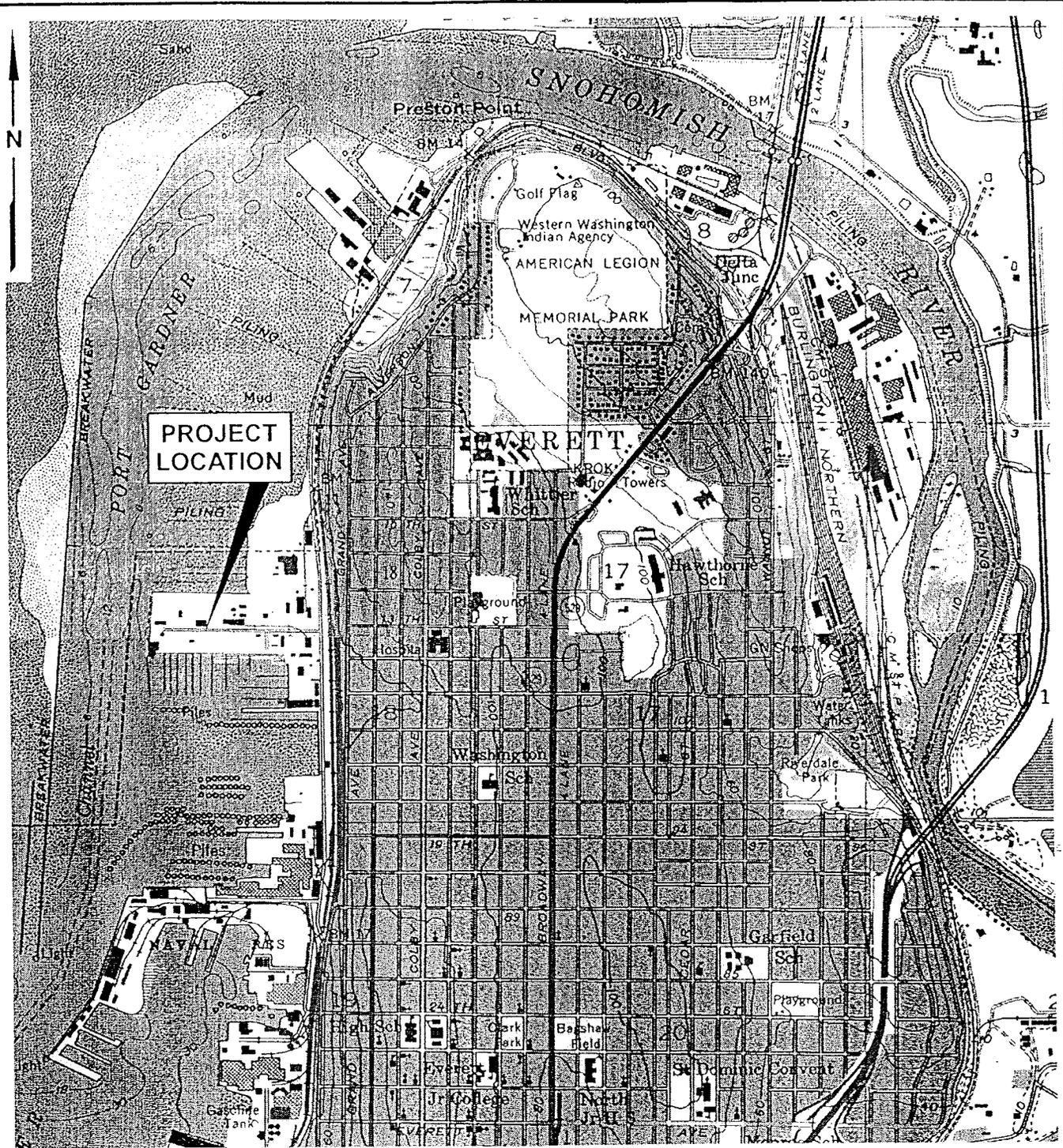
and


Martin T. Powers, P.E.
Senior Engineer

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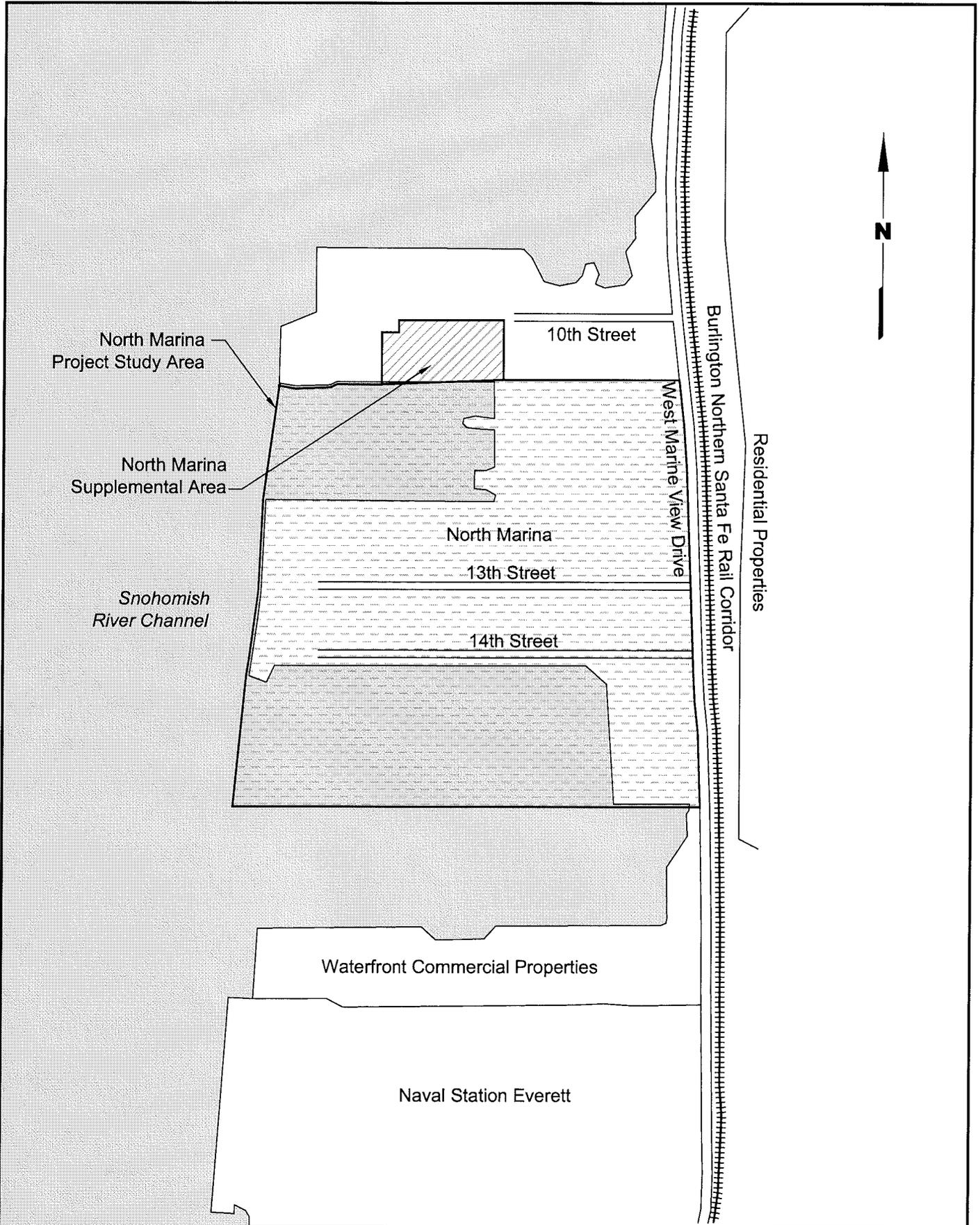


Map from Maptech Terrain Navigator 1998

Not To Scale



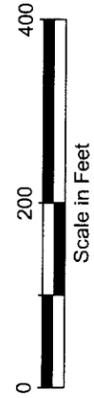
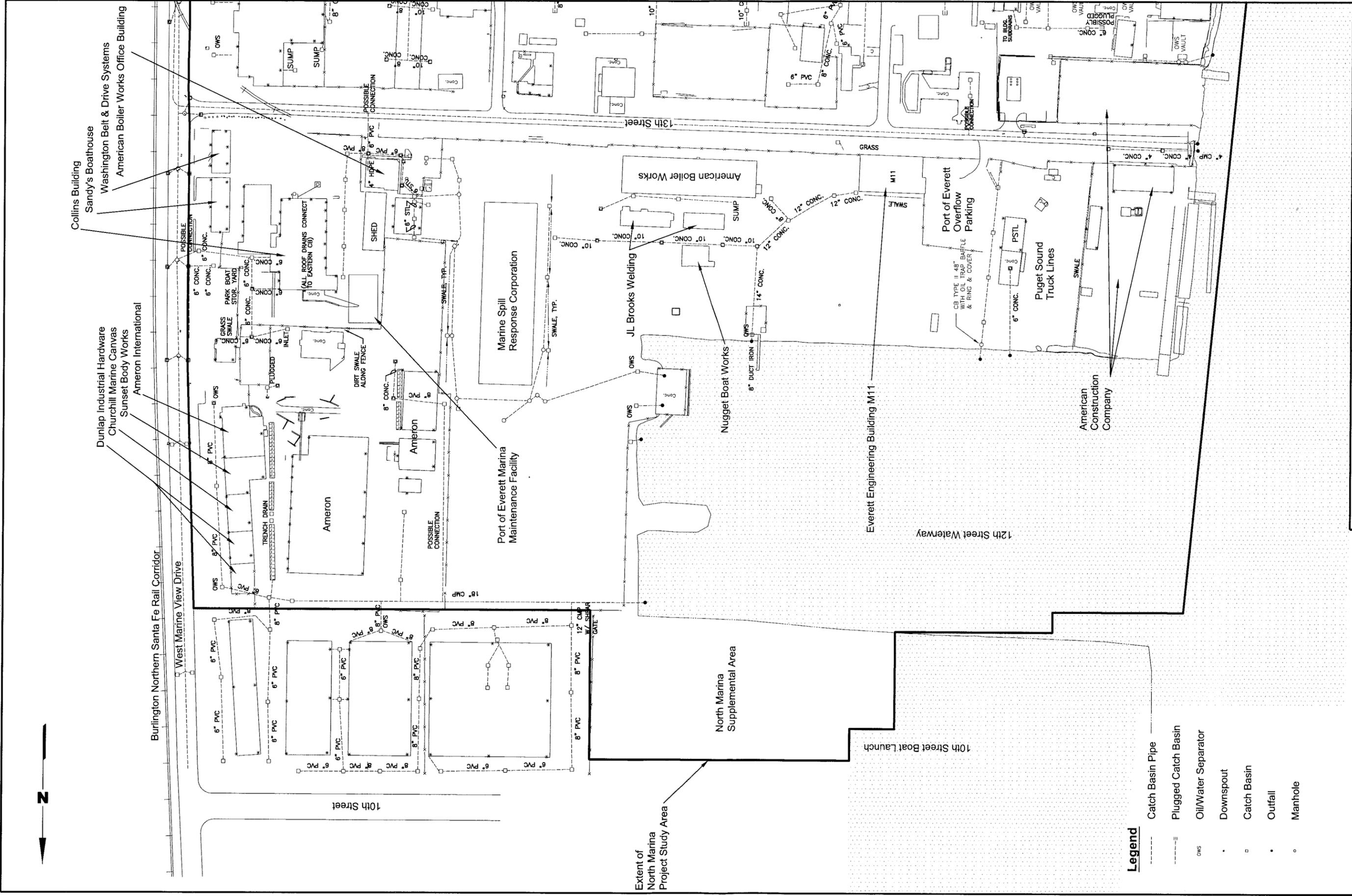
Port of Everett\North Marina\Phase I\ESA\T:\16521001\1020\Phase I\ESA\Fig2.dwg (A) *Figure 2* 8/9/2001



Port of Everett-North Marina
Everett, Washington

Site Location Map

Figure
2



Port of Everett-North Marina
Everett, Washington

Site Map - North Section of
North Marina Project Area

Figure
3a



Legend

- Catch Basin Pipe
- Plugged Catch Basin
- OWS
- Downspout
- Catch Basin
- Outfall
- Manhole

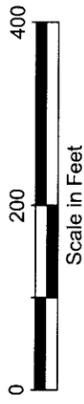


TABLE 1
SUMMARY OF AERIAL PHOTOGRAPHS REVIEWED
NORTH MARINA ESA

Year	Observations
1947	Nearly the entire North Marina exists as open water. A lumber mill, railroad spur and log rafts exist at 14 th Street on a pier; other mills exist at 10 th Street and between 11 th and 12 th Streets. The Collins Building and Fishermen's Boat Shop original building exist at their present locations.
1965	The North Marina is filled in and partially developed and boat docks exist on the south side of 14 th Street. American Boiler Works, American Construction Company, Collins Building second warehouse, Everett Bayside Marina boat storage building, Everett Engineering Building M11, the first Everett Engineering main building, Everett Fire Museum, Harbor Marine Maintenance, JL Brooks Welding, and the Puget Sound Truck Lines exist. Several boats are being repaired in Fishermen's Boat Shop boat yard. The yard behind Everett Engineering Building M11 is used as log storage for the lumber mills at 10 th Street. The mill between 11 th and 12 th Streets burned down prior to 1965 and the land is vacant. The park and boat launch area west of 10 th Street are not yet filled in. Several piers exist along 14 th Street for docking private boats. A second railroad spur exists along the north side of 13 th Street. Other land in the area is vacant.
1969	West Marine View Drive has been expanded to four lanes and the railroad spur on 14 th Street has been removed. The mill at 10 th Street appears to have burned down and log piles are absent from the land north of JL Brooks Welding and Everett Engineering Building M11. A warehouse building exists on the east portion of the Marine Spill Response Corporation (MSRC) property. The Port Marine View Reception and Conference Center and the 14 th Street Coast Guard Station are present and the Everett Fire Station #3 is under construction.
1974	The Ameron International warehouse, Sandy's Boat House and Washington Belt & Drive Systems buildings exist. The park next to the Coast Guard Station has been developed. The western portion of the MSRC property is being used for pole storage. A second Everett Bayside Marina building exists. The boat launch and parkland north of the 12 th Street Barge Channel appears to be partially filled in.
1984	Two buildings exist in the south lot of American Construction Company and two other buildings also exist on the north portion of the Everett Engineering Building M11 property. The westernmost JL Brooks Welding building is larger and three buildings exist on the MSRC property. The Ameron International office building (also Sunset Body Works, etc.) exists and the Fishermen's Boat Shop and Everett Engineering main buildings have been expanded. Several boats are present on the Port of Everett Yacht Basin and Marina property. The boat launch and park north of the 12 th Street Barge Channel is developed and is in use.
1991	A large diesel AST is visible on the Puget Sound Truck Lines property. Machinery or equipment is being stored on the Port of Everett property west of Everett Engineering Building M11. The Harbor Marine Maintenance boat servicing building exists adjacent to the Port of Everett Yacht Basin and Marina. Several boats exist in the lot north of JL Brooks Welding. The rail spur along the north side of 13 th Street appears to have been abandoned.
1995	The Port of Everett Overflow Parking Lot is present east of Puget Sound Truck Lines. The Port of Everett Vehicle Maintenance building exists west of the Collins Building.

TABLE 2
SUMMARY OF REGULATORY DATABASE SEARCH RESULTS
NORTH MARINA ESA

Database	Search Radius (Miles)	Number of Sites Identified
NPL	1¼	None
CORRACTS	1¼	None
CERCLIS	¾	1
RCRIS – TSD	¾	None
LG GEN	½	2
SM GEN	½	9
ERNS	¼	9
CSCSL	1¼	7
State Landfill	¾	1
LUST	¾	4
UST	½	8
FINDS	¼	9
TRIS	¼	1
FTTS	¼	1
WA ICR	¾	5

NPL	EPA – National Priorities List
CORRACTS	EPA – Resource Conservation and Recovery Act Corrective Actions and associated treatment, storage, disposal facilities
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System – sites currently or formerly under review by EPA
RCRIS - TSD	RCRA permitted treatment, storage, disposal facilities
LG GEN	RCRA registered large generators of hazardous waste
SM GEN	RCRA registered small generators of hazardous waste
ERNS	EPA – Emergency Response Notification System of spills or releases
CSCSL	State Confirmed and Suspected Contaminated Sites List
State Landfill	Solid Waste Landfill Facilities List – permitted as solid waste landfills, incinerators, or transfer stations
LUST	Leaking Underground Storage Tank database
UST	Underground Storage Tank database
FINDS	Facility Index System
TRIS	Toxic Chemical Release Inventory System
FTTS	Federal tracking system for pesticide enforcement actions and compliance activities
WA ICR	State Independent Cleanup Reports

TABLE 3
SUMMARY OF SITES IDENTIFIED IN EDR REPORT WITH POTENTIAL
TO IMPACT THE SUBJECT PROPERTIES
NORTH MARINA ESA

Site Name	Approximate Distance/Direction From Subject Property (Miles) ⁽¹⁾	Summary
American Boiler Works	Subject Property	SQG, FINDS, TRIS, FTTS – Site reconnaissance not completed.
Ameron International (Centrecon, Inc.)	Subject Property	FINDS, UST – Former tenant, Centrecon, Inc., was listed. One UST was decommissioned.
Everett Bayside Marina (Everett Boathouse and Marina, Inc.)	Subject Property	LUST, UST, WA ICR – Former tenant, Everett Boathouse and Marina, Inc., was listed. Two USTs decommissioned. Site clean up completed April, 2000.
Everett Engineering Building M11	Subject Property	SQG, FINDS – No violations reported. However, oil-stained ground and grit blast observed extensively onsite.
Everett Engineering, Inc.	Subject Property	SQG – Cutting oil and lube oil used onsite.
Everett Fire Station #3	Subject Property	SQG, UST – One UST decommissioned. Small quantity of oil surfactant stored onsite. Site appears well maintained.
Fishermen's Boat Shop	Subject Property	SQG, FINDS, UST, CSCSL – One UST decommissioned. Metals and organic compounds confirmed above MTCA cleanup levels.
Harbor Marine Maintenance (Everett Port Marina Support Services)	Subject Property	SQG, FINDS – Former tenant, Everett Port Marina Support Services, was listed. No violations reported. Paint and fiberglass products currently used onsite within 50 ft of catch basins.
JL Brooks Welding (Chuck's Boat Hospital)	Subject Property	LQG – Former tenant, Chuck's Boat Hospital, was listed. Possible UST observed onsite. Site currently appears well maintained.
O & W Glass	¼ - ½ Mile NE (up/crossgradient)	SQG, FINDS – No violations reported.
Performance Marine, inc.	¼ - ½ Mile NNE (up/crossgradient)	SQG, FINDS – No Violations reported.
Port of Everett	¼ - ½ Mile SSE (up/crossgradient)	SQG, FINDS – No violations reported. Ecology files list the site as a SQG for various solvents.
Port of Everett Yacht Basin and Marina	Subject Property	UST – Five USTs decommissioned. One UST currently in use onsite. Paint and boat cleaning and repair chemicals in use onsite within 100 ft of catch basins.
Port of Everett Property (1100 13 th Street)	Subject Property	LUST, UST – Three USTs decommissioned. Site reported cleaned up in June 1995.
Providence Medical Center	¼ - ½ Mile E (up/crossgradient)	UST – No violations reported. One UST removed and one closed in place.
Puget Sound Truck Lines	Subject Property	LUST, UST, CSCSL, WA ICR – Two USTs decommissioned. Site reported cleaned up in June 1995.
TC Systems	¼ - ½ Mile NE (up/crossgradient)	FINDS, LQG – 16 violations listed; most recent was June, 1998.
WA DOT Norton Terminal	¼ - ½ Mile SSE (up/crossgradient)	SQG – No violations reported.

TABLE 3
SUMMARY OF SITES IDENTIFIED IN EDR REPORT WITH POTENTIAL
TO IMPACT THE SUBJECT PROPERTIES
NORTH MARINA ESA

LUST	Leaking Underground Storage Tank database
UST	Underground Storage Tank database
LQG	RCRA registered large quantity generators of hazardous waste
SQG	RCRA registered small quantity generators of hazardous waste.
WA ICR	State list of sites undergoing independent remedial action
CSCSL	State list of Confirmed and Suspected Contaminated Sites
FINDS	Facility Index System
TRIS	Toxic Chemical Release Inventory System
FTTS	Federal tracking system for pesticide enforcement actions and compliance activities

(1) The property address 1111 13th Street lies at the approximate center of the North Marina and was used as the focal point for the regulatory database search.

**TABLE 4
PORT OF EVERETT - NORTH MARINA
PORT PROPERTIES RECONNAISSANCE RESULTS
NORTH MARINA ESA**

Site Identification	Site Address	Year Established and Current Facility Use	Age of Site Buildings	Past Facility Use(s)	Reason for Investigation	Findings of Investigation
Port of Everett - Marina Maintenance Facility	1208 West Marine View Drive	1992 - Maintenance Storage Facility and Base for Personnel	1992	Log Yard	Drive-by inspection noted potential chemical storage issues.	Exterior storage of used anti-freeze, transmission fluid, hydraulic fluid (drums), waste storage area (oil filters, batteries, gasoline cans, propane, etc.), three used oil ASTs and one unused former UST (50 gal); Interior Storage of motor oil and hydraulic oil (ASTs), and chemicals stored in paint cabinets, solvent cabinets, pesticide/herbicide cabinet, grease storage cabinet, etc.; aerial electrical transformers present near northeast property corner. Site appears well maintained.
JL Brooks Welding	915 13th Street	1986 - Structural Steel Fabrication	Built prior to 1965	Chuck's Boat Hospital	Listed as LQG site. Site contact believes LQG status attributable to former Chuck's Boat Hospital.	Possible UST vent and product pipes located at east end of Bldg. M-14; paints, thinners and hydraulic oil present in paint shed at east end of main building; aerial transformers present to west of main building. Site appears well maintained.
Everett Fire Station #3	920 13th Street	Fire Station	1970	Vacant prior to 1969	Listed as former UST and SQG site. Ecology files show that one 1,000-gal diesel UST was removed in 1993.	One diesel AST currently in use. AST has approximate capacity of 1,000-gal and is located south of building; oil surfactant in flammables storage locker. Site appears well maintained.
American Boiler Works	1332 West Marine View Drive (Plant No. 1) and 801 13th Street (Plant No. 2).	Custom Steel Fabrication	Built prior to 1969.	Boiler Fabrication	Listed as a SQG.	Painting and sandblasting activities occur in Plant No. 2; Paint and paint thinner stored in 5-gal and 55-gal containers at Plant 2. Sandblast grit and paint thinners reused onsite. AST containing MEK is located outside to the west of Plant No. 2. Solids from used paints and thinners placed in drums for disposal. MEK, hydraulic oil, paint, and isopropanol stored in 55 gal drums at Plant 1. Petroleum stained soil observed outside compressor shed at Plant 2. Potentially stressed vegetation observed near MEK AST at Plant 2. Both plants are heated with natural gas or electric heating systems.
Fishermen's Boat Shop	1016 14th Street	Boat cleaning, sandblasting, welding and repair	1940's, '50s and '60s	Same as present	Listed as former UST, SQG and CSCSL site. Leaded gasoline UST reported removed. Ecology citations for noncompliance, various issues in 1992. Unconfirmed independent cleanup reported to have occurred in 1988-89.	Vegetable oil covered timbers and grit blast in boat yard; few drums of tar oil solvents and paint; outdoor paint storage shed with ground stains; 500-gal heating oil AST west side of building; 50-gal AST for steam boiler; suspect ACM ceiling tiles, drop ceiling and roof insulation. Ecology files cite issues with sandblast grit, copper, lead, zinc, isocyanate, MEK and various solvents and discharge of stormwater from the site into the harbor. Site is not well maintained.
Everett Engineering Building M 11	731 13th Street	Industrial Equipment and machinery Storage, Vehicle Maintenance Shop	Built prior to 1965	Fiberglass boat repair	Listed as a SQG	One 500-gal waste oil AST, 55-gal drums and 5-gal buckets containing hydraulic oil, "dirty diesel fuel", industrial enamel, etc. located in building and in small shed outside by north building door. Oil and paint-stained concrete floor throughout building and near AST. Heavily oil-stained gravel outside door near AST, in spots throughout north yard and on asphalt driveway to the east. Grit blast in building by AST and in north yard. Catch basin and trench drain by NE corner of building lie near AST. Per Mr. Hartle, "several hundred asphalt ASTs were stored on north side of north yard" (Appendix F). Aerial electrical transformers near northeast building corner. Site is not well maintained.
Everett Engineering, Inc.	1420 West Marine View Drive	1968 - Machine Fabrication	1967 and 1980s	Formerly Roulstone Associates Boatyard	Listed as a SQG. Listing is for cutting oil/solvents and lube oil.	Cutting oil/solvents and lube oil used in shop and stored in flammables closet; solvent AST captures solvents used in parts cleaning basin. Site appears fairly well maintained with minor stains on concrete floor areas.
Harbor Marine Maintenance	1402 West Marine View Drive (Main Building) and 14th Street (Boat Repair Building)	1990 - Boat Store and Boat Repair	1950s	Boat Yard	Listed as a SQG. Listing is for paints, solvents, etc.	55-gal drums of fiberglass resin, various paint products including strippers and thinners, fuel storage cabinet all located in boat repair building 1 block west of main building. Paint stains noted on asphalt, and storm sewer catch basins were noted close to boat repair building. One small solvent tank located in main building engine maintenance workshop. Possible suspect ACMs in main building. The boat repair building area not well maintained.
Everett Bayside Marina	1001 14th Street	1992 - Boat Sales and Maintenance	1968	Same as present	Listed as former LUST site. Ecology files show that two gasoline USTs were removed in 1991. Soils were treated onsite and then placed in north part of property. Reported cleaned up April 2000.	Paint booth; paint, waste antifreeze, gear oil and used boat batteries in shop area of main building; two 55-gal drums (gasoline and diesel) in flammables shed; three 150-gal waste oil ASTs north of main building; empty oil barrels and empty tank near west and north fence respectively. Possible suspect ACMs, floor and ceiling tiles in sales area. Site is fairly well maintained.
Puget Sound Truck Lines	615 13th Street	Truck Refueling and Maintenance	1963	Formerly Hickey Company Trucking	Listed as former LUST site. Ecology files show that two diesel USTs were removed in 1990. 140 yd ³ of soil were treated onsite. Site reported cleaned up June 1995.	Large (10,000-gal) diesel fuel AST west of shop building with fuel stains on gravel ground surface by dispensers. Three 55-gal drums of lube oil, transmission fluid and antifreeze in shop. Motor oil AST in shop and 500-gal waste oil AST just outside to the north. One 275-gal motor oil AST and ground stains beside small building south of main building. Waste oil stains at east edge of site "came from tanks stored on the adjacent Port property to the east" (per George at PSTL). Hydraulic oil stains observed on gravel in northeast corner of lot. Possible suspect ACMs in office area of site building. Ecology records indicate that fuel spills have occurred at the site. Site is not well maintained.

**TABLE 4
PORT OF EVERETT - NORTH MARINA
PORT PROPERTIES RECONNAISSANCE RESULTS
NORTH MARINA ESA**

Site Identification	Site Address	Year Established and Current Facility Use	Age of Site Buildings	Past Facility Use(s)	Reason for Investigation	Findings of Investigation
Ameron International	1130 West Marine View Drive, Suite 101	Concrete pole manufacturers.	1972	Formerly Centrecon	Property is located within area of potential Port redevelopment project.	The following information was obtained during a site visit on 11/19/01: The four site buildings are used for concrete pole manufacturing, painting, finishing and administrative uses. One diesel UST has been removed from the property. The fuel dispenser associated with the UST remains in place. Paint products and concrete additives are stored onsite in 1, 5, 30,55 and 100-gallon containers; lubricants are stored in 55-gal drums; and hydraulic oil is stored in a 350 gallon AST. Wastewater is treated for high pH and discharged to the sanitary sewer. Storm drainage at the site is poor. Waste concrete material is formed into "ecology blocks" and temporarily stored on site. Several areas of staining (oil, laquers, paint) were observed in building interior concrete floors.
Sunset Body Works	1130 West Marine View Drive, Suite B	1988 - Truck Collision Repair, Subleased from Ameron	Built prior to 1974		Listed as former UST site. One UST reported removed.	Paint and autobody repair products such as epoxy, etc. stored in drums. Large paint booth with air filtration system. No floor drains present in building. Site appears well maintained.
Churchill Brothers Marine Canvas	1130 West Marine View Drive, Suite C	Subleased from Ameron	Built prior to 1974		Property is located within area of potential Port redevelopment project.	Site reconnaissance was not conducted. Business type was not considered a liability concern.
Dunlap Industrial Hardware	1130 West Marine View Drive, Suite D	Subleased from Ameron	Built prior to 1974		Property is located within area of potential Port redevelopment project.	Site reconnaissance was not conducted. Business type was not considered a liability concern.
American Construction Company	411 13th Street	1950s - Pile Driving, Dredging and Pier Construction	1950s		Drive-by inspection noted potential chemical storage issues.	North storage yard: Two 5,000-gal ASTs, one diesel and one gasoline, present onsite with unlined dike and one 500-gal waste oil AST. Numerous creosote-coated poles and scrap timbers. Stains on ground near ASTs. Roughly 50 drums containing motor oil, used antifreeze and hydraulic oil along east property fence. South storage yard: some stains on ground surface. Site is moderately well maintained.
Port of Everett Marine View Reception & Conference Center	404 14th Street	Conference Center	Built prior to 1969.		Building is located within area of potential Port redevelopment project.	Confirmed ACMs are present in conference center building per phone interview with Bob McChesney on 6/25/01 (Appendix F). Site appears well maintained.
Marine Spill Response Corporation	1105 13th Street	Marine Spill Cleanup Services	Site office building built prior to 1974		Building is located within area of potential Port redevelopment project.	Site reconnaissance was not conducted on building interior. Building exterior appeared well maintained.
Former Coast Guard Station	14th Street	Coast Guard Station, being decommissioned	Built prior to 1969.		Drive-by inspection indicated potential prior onsite petroleum storage or use.	Bob McChesney of the Port stated that the fuel storage sheds at the site are empty and will be demolished. Phillip Lewis with the US Coast Guard Civil Engineering Unit stated that the Coast Guard never used nor installed an UST at the site and their ship was refueled offsite. Mr. Lewis also stated that the fuel sheds are empty and are scheduled to be demolished. Site appears well maintained.
Port of Everett Boatyard	609 14th Street	Lot used by public for boat cleaning and repair.	No site buildings present nor shown in historical photographs.		Site is listed in Ecology database as having 2 diesel and 3 gasoline USTs removed in 1992. One unleaded gasoline UST currently in use. Site was reported clean.	Wooden and fiberglass boat cleaning and repair activities observed indicate possible use of cleaning agents, epoxy, resins, paints and thinners, etc. Tarps were in place under each boat in gravel lot but were exposed to rainfall. Storm drains are located within 100 feet of the boatyard. One UST with observation wells is located in the northeast corner of the property. Site appears moderately well maintained.
Port of Everett Overflow Parking Lot	13th Street, East of Puget Sound Truck Lines	Overflow parking.	No site buildings present nor shown in historic photos.		Property is located within area of potential Port redevelopment project.	Empty waste oil ASTs and three empty, portable tanks for boat sewage removal, stored near north and east fences on gravel lot. Site appears moderately well maintained.
Washington Belt & Drive Systems	1234 West Marine View Drive	1975 - Distributors of Power Transmission Products	Built prior to 1974		Property is located within area of potential Port redevelopment project.	Mr. Randy Conlin stated that there are no manufacturing activities performed at the site and no USTs have existed at the site to his knowledge. Site reconnaissance was not completed.
Sandy's Boat House	1230 West Marine View Drive	1991 - Boat Sales and Outboard Engine Repair	Built prior to 1974	Kenworth truck repair shop.	Property is located within area of potential Port redevelopment project.	Mr. Joel Musgrave stated that there is one waste oil AST in use at the site and no USTs have been used onsite to his knowledge. Engine maintenance products such as motor oil, etc. are used at the site.
Collins Building	1210 West Marine View Drive	Warehouse	Built prior to 1947	Casket Manufacturing	Property is located within area of potential Port redevelopment project. Listed as possible future historical site.	A fuel oil AST in concrete dike is located between main warehouse and secondary warehouse used to feed boiler. Possible suspect ACMs present in structure housing boiler.
Port of Everett North Marina Supplemental Property	North of 12th Street Barge Channel, accessible via 10th Street	Park and Overflow Parking for Boat Launch	No site buildings present nor shown in historic photos.	Log Yard	Property is located within area of potential Port redevelopment project.	Empty grass-covered lot. Site appears well maintained.

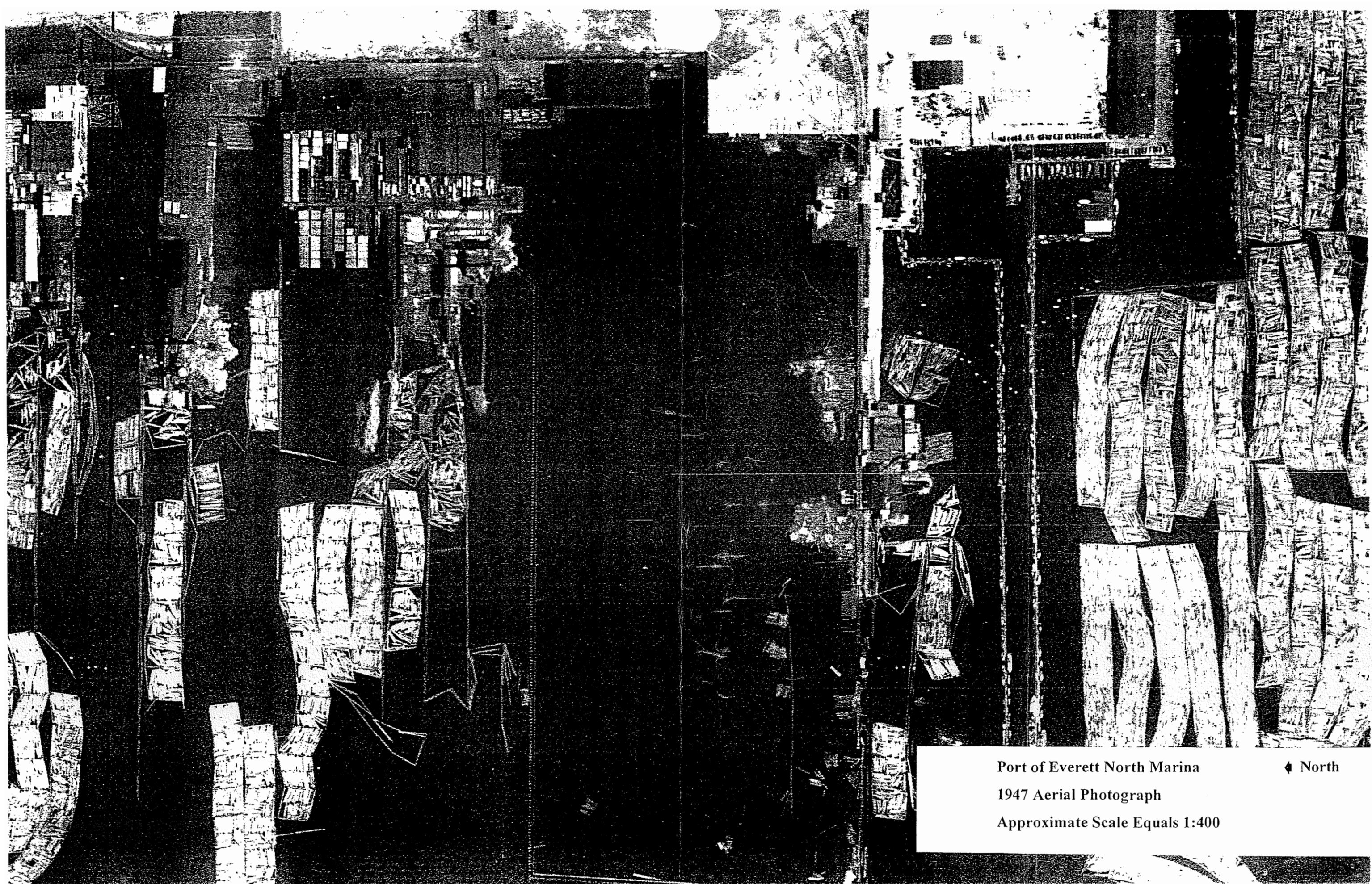
**TABLE 4
PORT OF EVERETT - NORTH MARINA
PORT PROPERTIES RECONNAISSANCE RESULTS
NORTH MARINA ESA**

Site Identification	Site Address	Year Established and Current Facility Use	Age of Site Buildings	Past Facility Use(s)	Reason for Investigation	Findings of Investigation
Port of Everett Property	1100 13th Street	Unknown	No site buildings present nor shown in historic photos.	Unknown	Ecology database shows that two gasoline and one diesel USTs were removed in 1991. 50 yd ³ of soil were treated onsite.	Site appears to be used as a boat storage yard for Everett Bayside Marina.
Nugget Boat Works	931 13th Street	Boat repair activities observed onsite.	Built prior to 1965.	Unknown	Property is located within area of potential Port redevelopment project.	Site appeared well maintained.
Milltown Sailing Association	410 14th Street	Unknown - Hobby Club	Built prior to 1969.	Unknown	Property is located within area of potential Port redevelopment project.	Site reconnaissance was not completed. Business type was not considered a liability concern.
Sail Loft	14th Street	Unknown - Sail Supplies	Built after 1974.	Unknown	Property is located within area of potential Port redevelopment project.	Site reconnaissance was not completed. Business type was not considered a liability concern.
Sanger Marine	949 14th Street	Boat repair activities observed onsite.	Built after 1974.	Unknown	Property is located within area of potential Port redevelopment project.	Site appeared well maintained.
Jim's L & M Marine Service	999 14th Street	Minor boat repair activities observed onsite.	Built after 1974.	Unknown	Property is located within area of potential Port redevelopment project.	Site appeared well maintained.
Sunset Yacht Brokerage	14th Street	Unknown - Yacht Sales	Built after 1974.	Unknown	Property is located within area of potential Port redevelopment project.	Site reconnaissance was not completed. Business type was not considered a liability concern.
Quality Seafoods	West Marine View Drive	Seller of fresh seafood products.	Built prior to 1965.	Unknown	Property is located within area of potential Port redevelopment project.	Site reconnaissance was not completed. Business type was not considered a liability concern.
Net Sheds	West Marine View Drive	Warehouse used for storage of fishing nets and gear.	Built prior to 1947.	Unknown	Property is located within area of potential Port redevelopment project.	Site reconnaissance was not completed. Business type was not considered a liability concern.
Everett Fire Museum	1002 14th Street	Fire Museum	Built prior to 1965.	Unknown	Property is located within area of potential Port redevelopment project.	Site reconnaissance was not completed. Business type was not considered a liability concern.
Jordan Park	14th Street	Park	No site buildings present nor shown in historic photos.	Unknown	Property is located within area of potential Port redevelopment project.	Site appears to be a public park.

**TABLE 5
OFFSITE PROPERTIES RECONNAISSANCE RESULTS
NORTH MARINA ESA**

Site Identification	Site Address	Year Established and Current Facility Use	Age of Site Buildings	Past Facility Use(s)	Reason for Investigation	Findings of Investigation
TC Systems	1028 West Marine View Drive	1979 - Metal Finishing		Unknown	Listed as a LQG	Ms. Lisa Paterson provided the following information for the site: Paint products including used filters are disposed of from the site. metals are allowed to settle out of waste water contained onsite in ASTs prior to releasing water to city sewer under permit. Metals mentioned include, copper, lead and chromium. Site reconnaissance was not completed.
O & W Glass	1020 10th Street	Glass Fabrication		Unknown	Listed as a SQG	According to Mr. Knight, O & W Glass hasardous chemicals have been eliminated from their waste stream and they are no longer listed as a small quantity generator.
Performance Marine	930 West Marine Drive	Boat Sales and Minor Engine Maintenance -		Unknown	Listed as a SQG	One waste oil AST outside west wall of building with minor stains on ground surface. Small quantity of engine repair/cleaning products in shop area. Site appears well maintained.
WA DOT Norton Terminal	1710 West Marine View Drive	Historic Weyerhauser Building		Unknown	Listed as a RCRIS, SQG site.	A placard at the front entrance to the site buiding lists it as a historic Weyerhauser building. Evidence of activities related to the generation of hazardous waste was not observed. Reconnaissance of the site building was not conducted.
Port of Everett	1720 West Marine View Drive	Parking Lot		Marine cargo handling	Listed as a SWF/LF site.	The site was observed to be a parking lot. Evidence of the existence of a landfill was not observed.

Historic Aerial Photographs

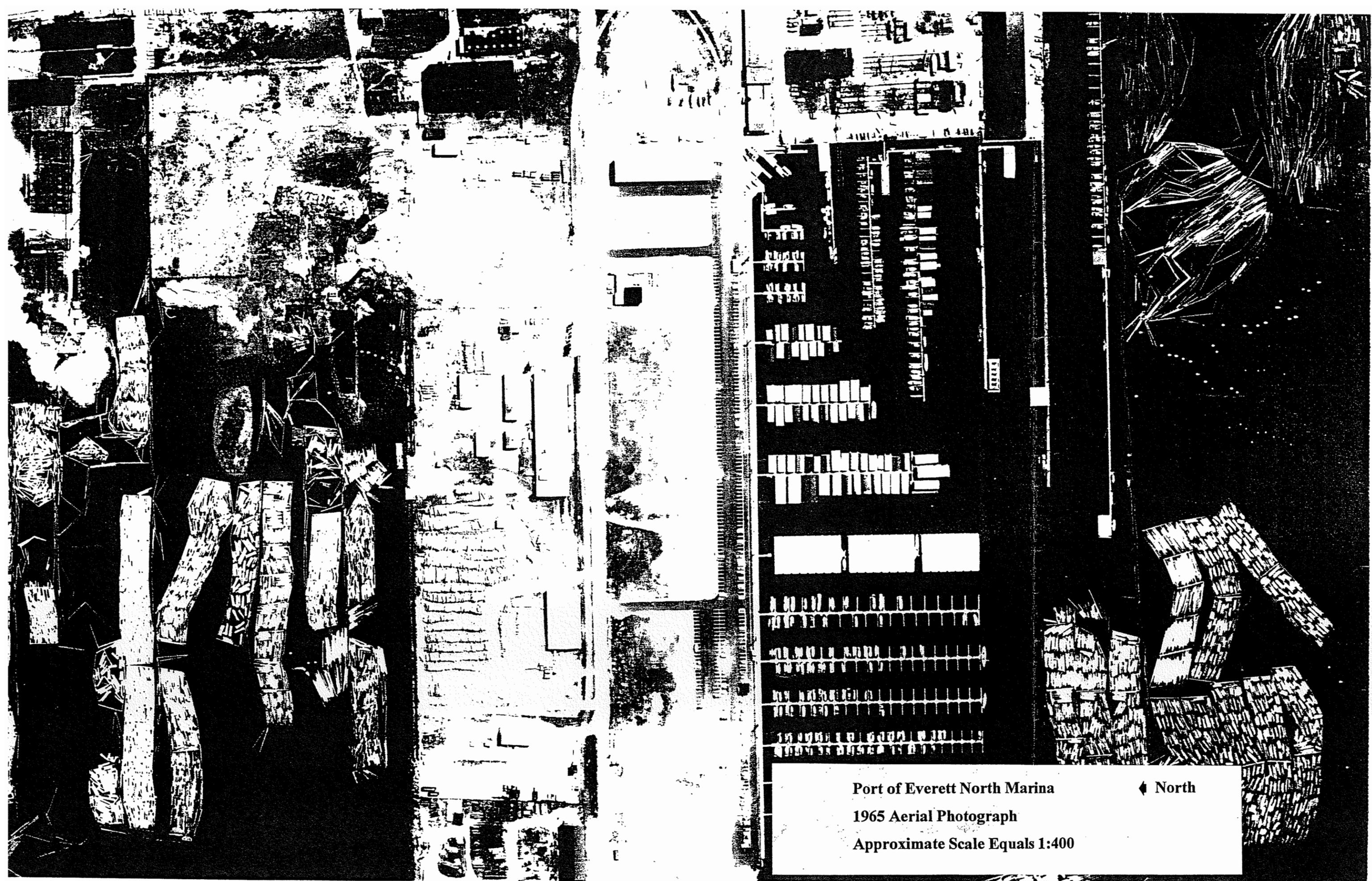


Port of Everett North Marina

◀ North

1947 Aerial Photograph

Approximate Scale Equals 1:400

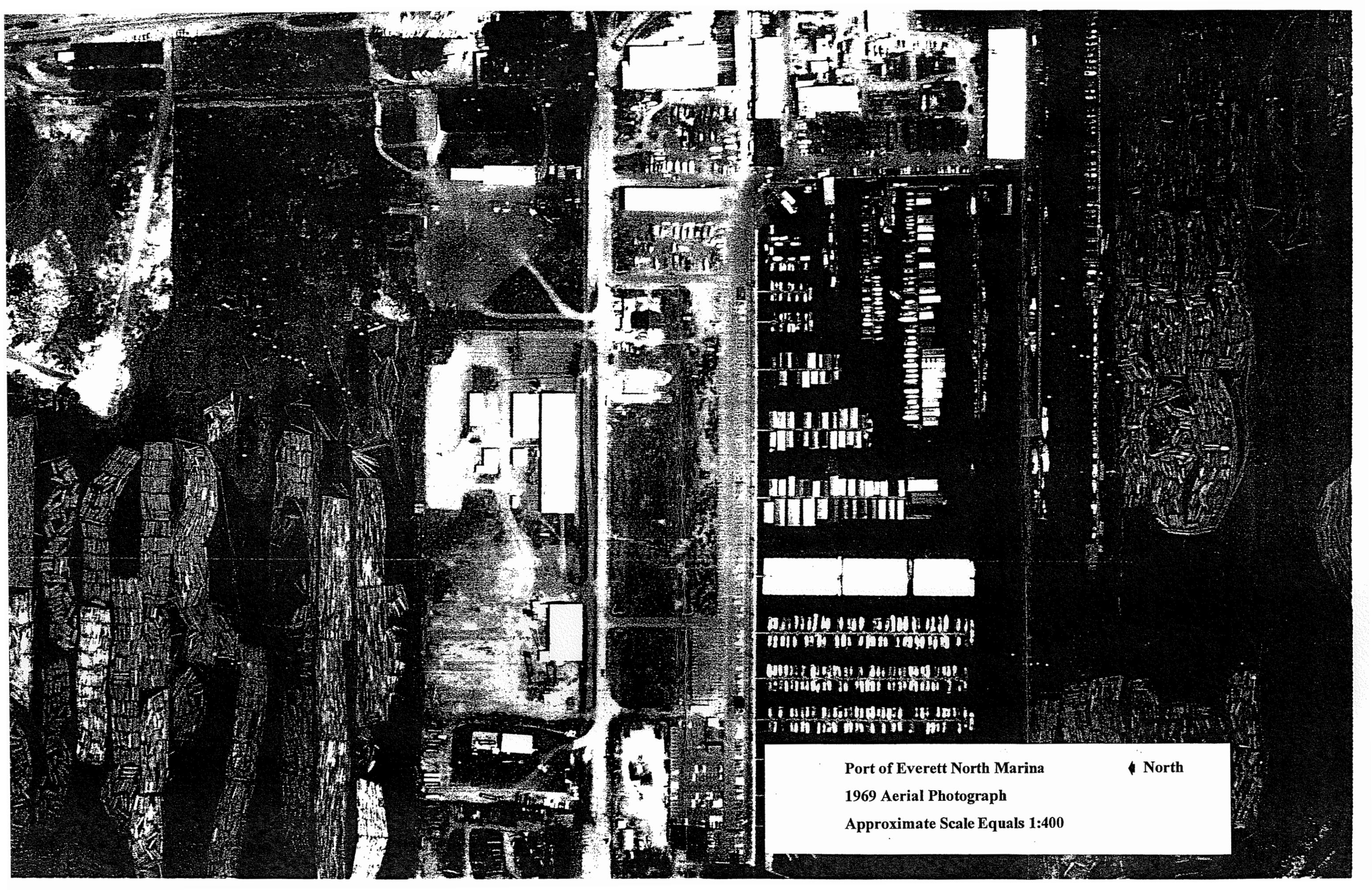


Port of Everett North Marina

◀ North

1965 Aerial Photograph

Approximate Scale Equals 1:400

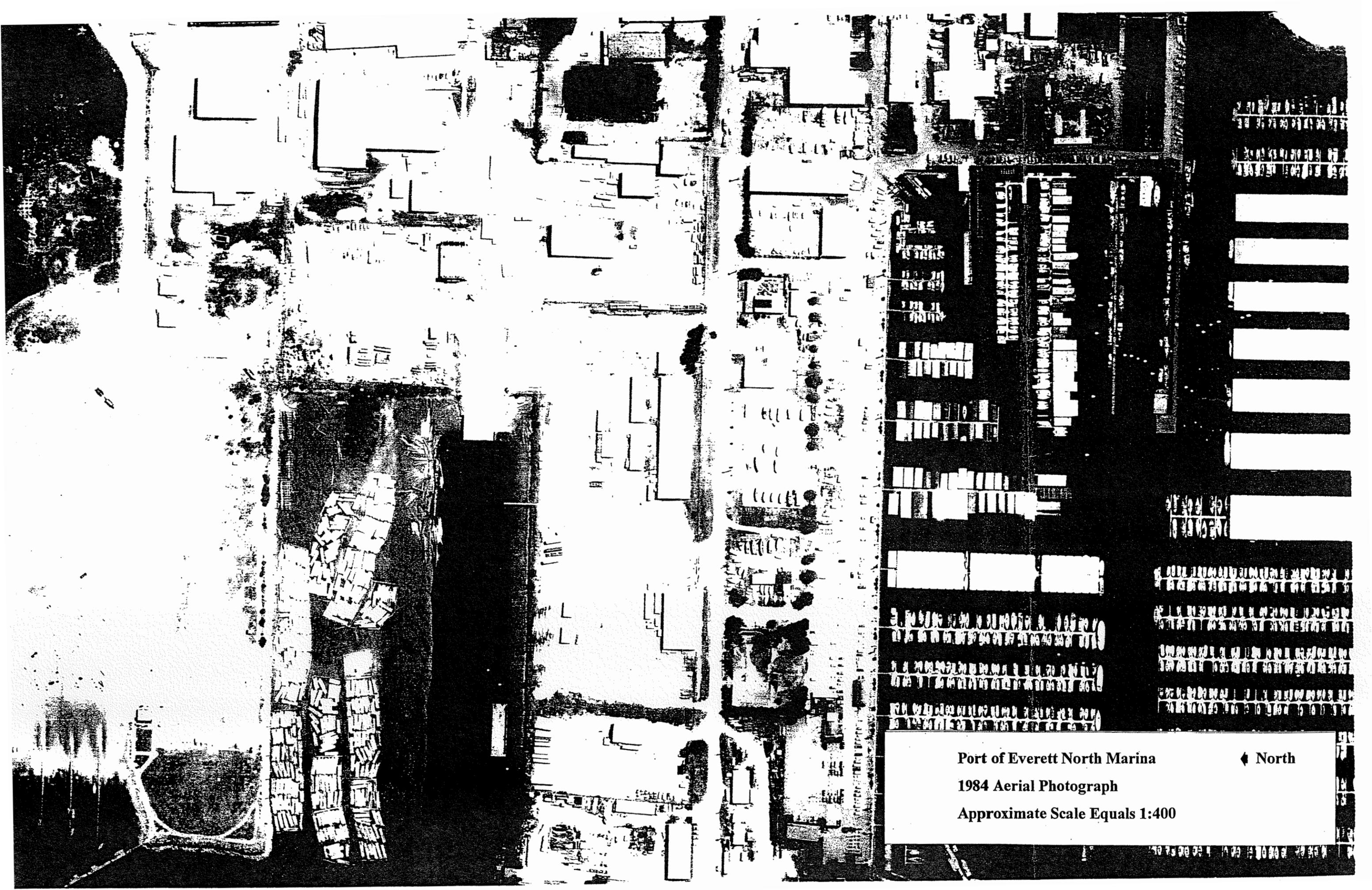


Port of Everett North Marina

◀ North

1969 Aerial Photograph

Approximate Scale Equals 1:400



Port of Everett North Marina

◀ North

1984 Aerial Photograph

Approximate Scale Equals 1:400

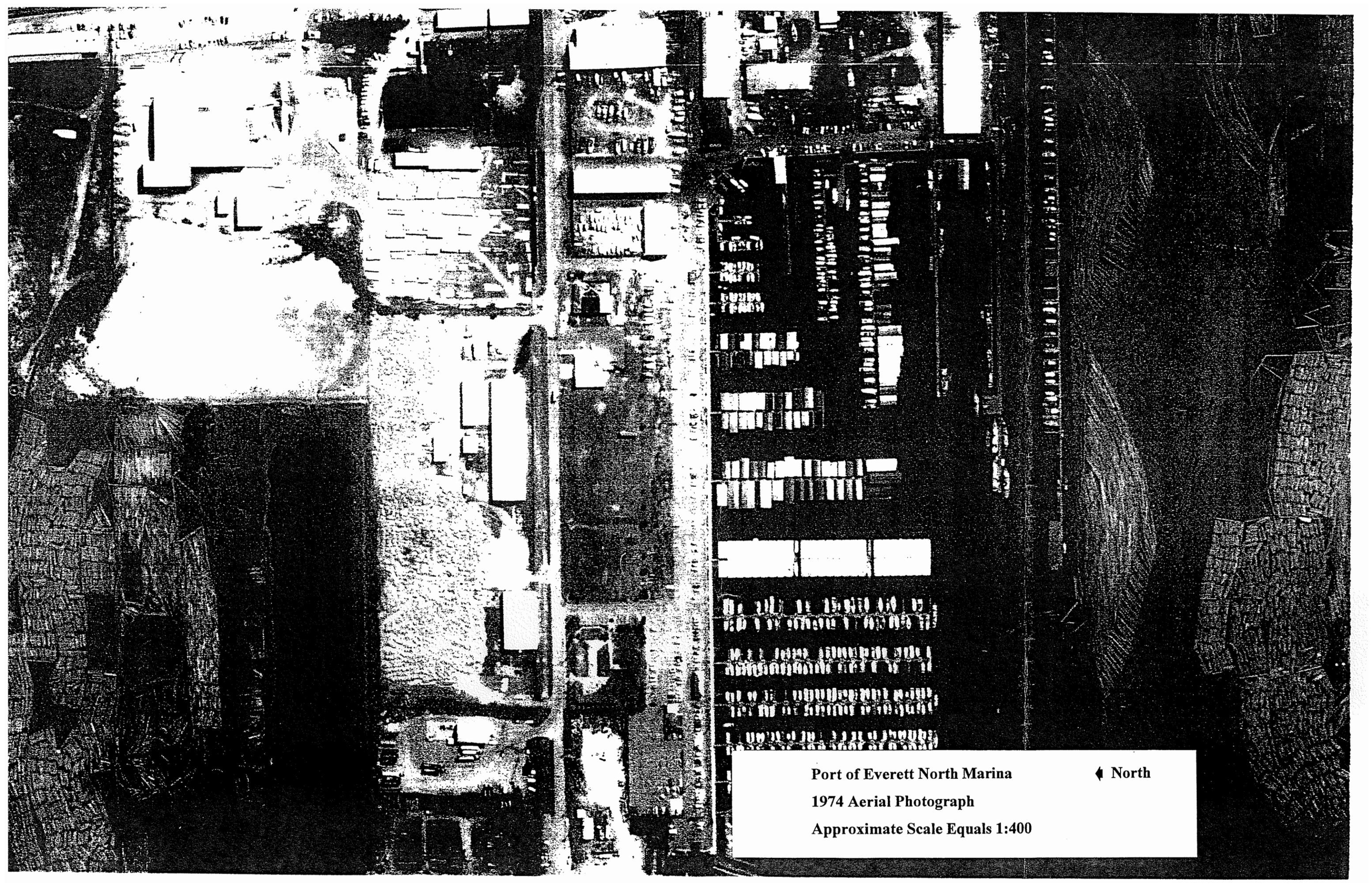


Port of Everett North Marina



1991 Aerial Photograph

Approximate Scale Equals 1:400

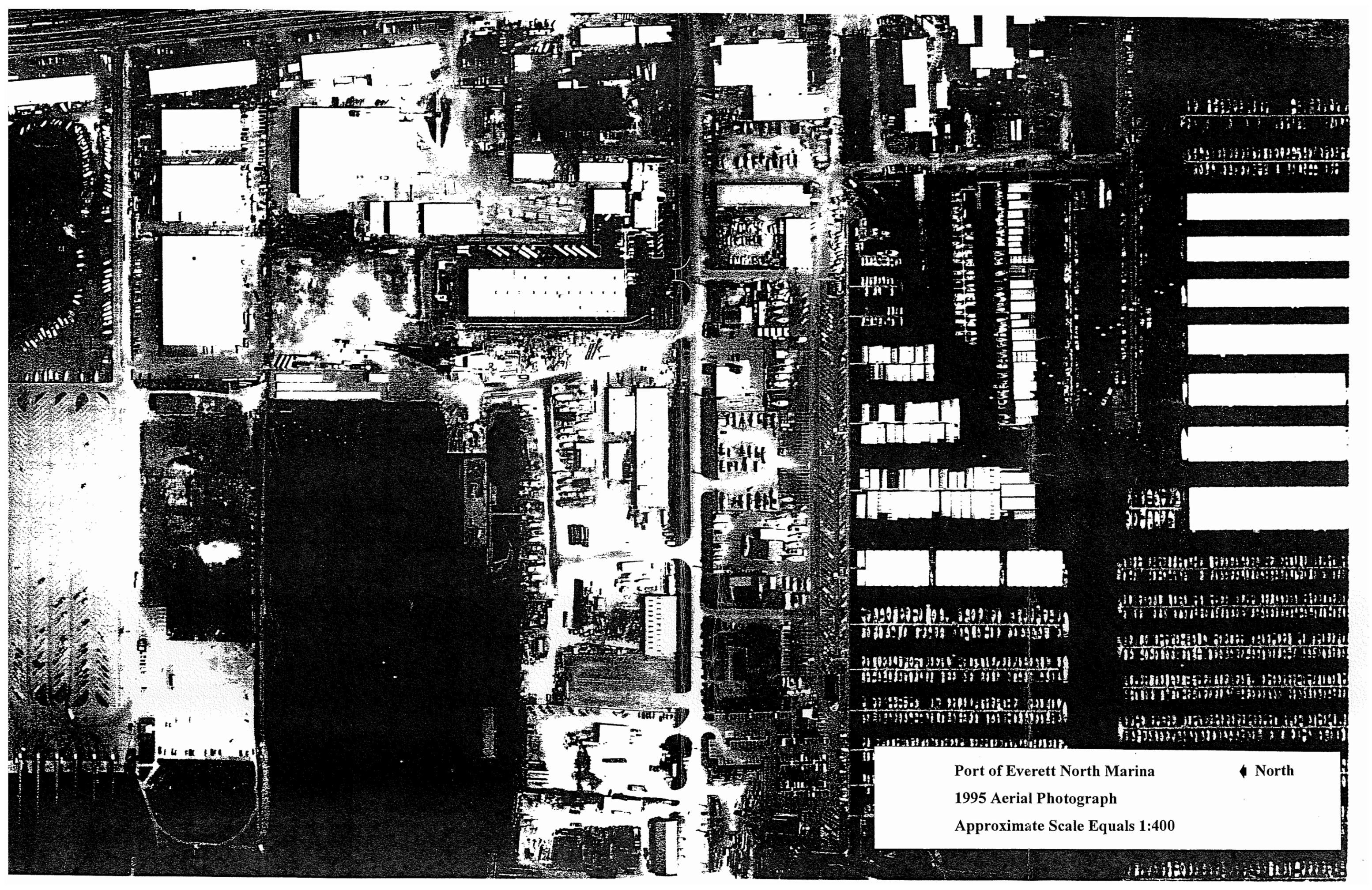


Port of Everett North Marina

◀ North

1974 Aerial Photograph

Approximate Scale Equals 1:400



Port of Everett North Marina

◀ North

1995 Aerial Photograph

Approximate Scale Equals 1:400

Historic Topographical Maps



**The EDR-Historical
Topographic Map
Report**

**Port of Everett, North Marina
1111 13th Street
Everett, WA 98201**

June 21, 2001

Inquiry Number: 646425-5

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

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802

Quadrangle Relation Chart

Inquiry # 6416425-5

Marysville, WA.
- Target

Everett, WA.
- Adjoining

Environmental Data Resources, Inc.

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, and its surrounding area, resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources*. *Reasonably ascertainable is defined as information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.2, the following *standard historical sources* may be used: aerial photographs, city directories, fire insurance maps, topographic maps, property tax files, land title records (although these cannot be the sole historical source consulted), building department records, or zoning and use records. ASTM E 1527-00 requires "*All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful.*" (ASTM E 1527-00, Section 7.3.2 page 11.)

EDR's Historical Topographic Map Report includes a search of available public and private color historical topographic map collections.

Topographic Maps

A topographic map (topo) is a color coded line-and-symbol representation of natural and selected artificial features plotted to a scale. Topos show the shape, elevation, and development of the terrain in precise detail by using contour lines and color coded symbols. Many features are shown by lines that may be straight, curved, solid, dashed, dotted, or in any combination. The colors of the lines usually indicate similar classes of information. For example, topographic contours (brown); lakes, streams, irrigation ditches, etc. (blue); land grids and important roads (red); secondary roads and trails, railroads, boundaries, etc. (black); and features that have been updated using aerial photography, but not field verified, such as disturbed land areas (e.g., gravel pits) and newly developed water bodies (purple).

For more than a century, the USGS has been creating and revising topographic maps for the entire country at a variety of scales. There are about 60,000 U.S. Geological Survey (USGS) produced topo maps covering the United States. Each map covers a specific quadrangle (quad) defined as a four-sided area bounded by latitude and longitude. Historical topographic maps are a valuable historical resource for documenting the prior use of a property and its surrounding area, and due to their frequent availability can be particularly helpful when other standard historical sources (such as city directories, fire insurance maps, or aerial photographs) are not reasonably ascertainable.

Please call EDR Nationwide Customer Service at
1-800-352-0050 (8am-8pm ET)
with questions or comments about your report.
Thank you for your business!

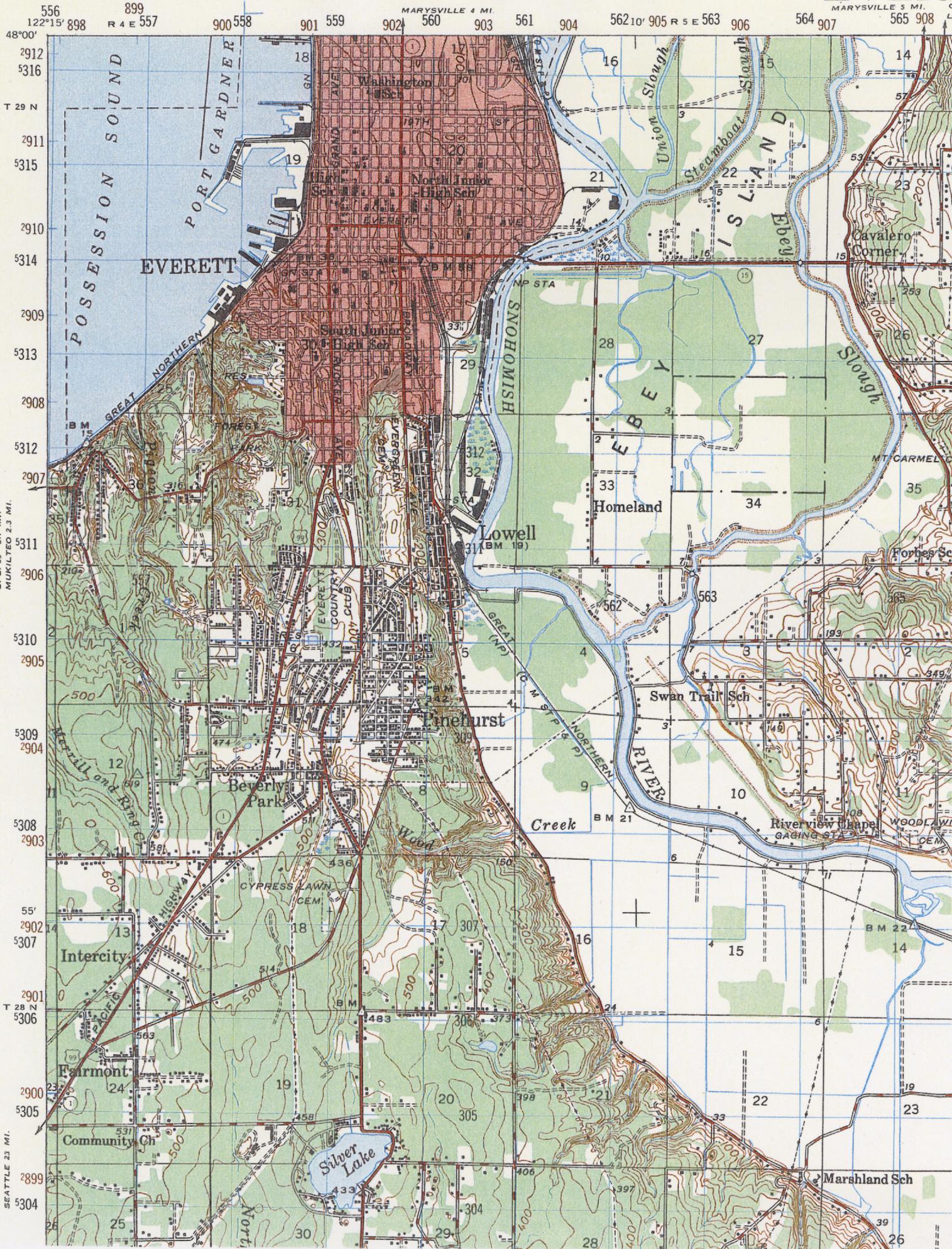
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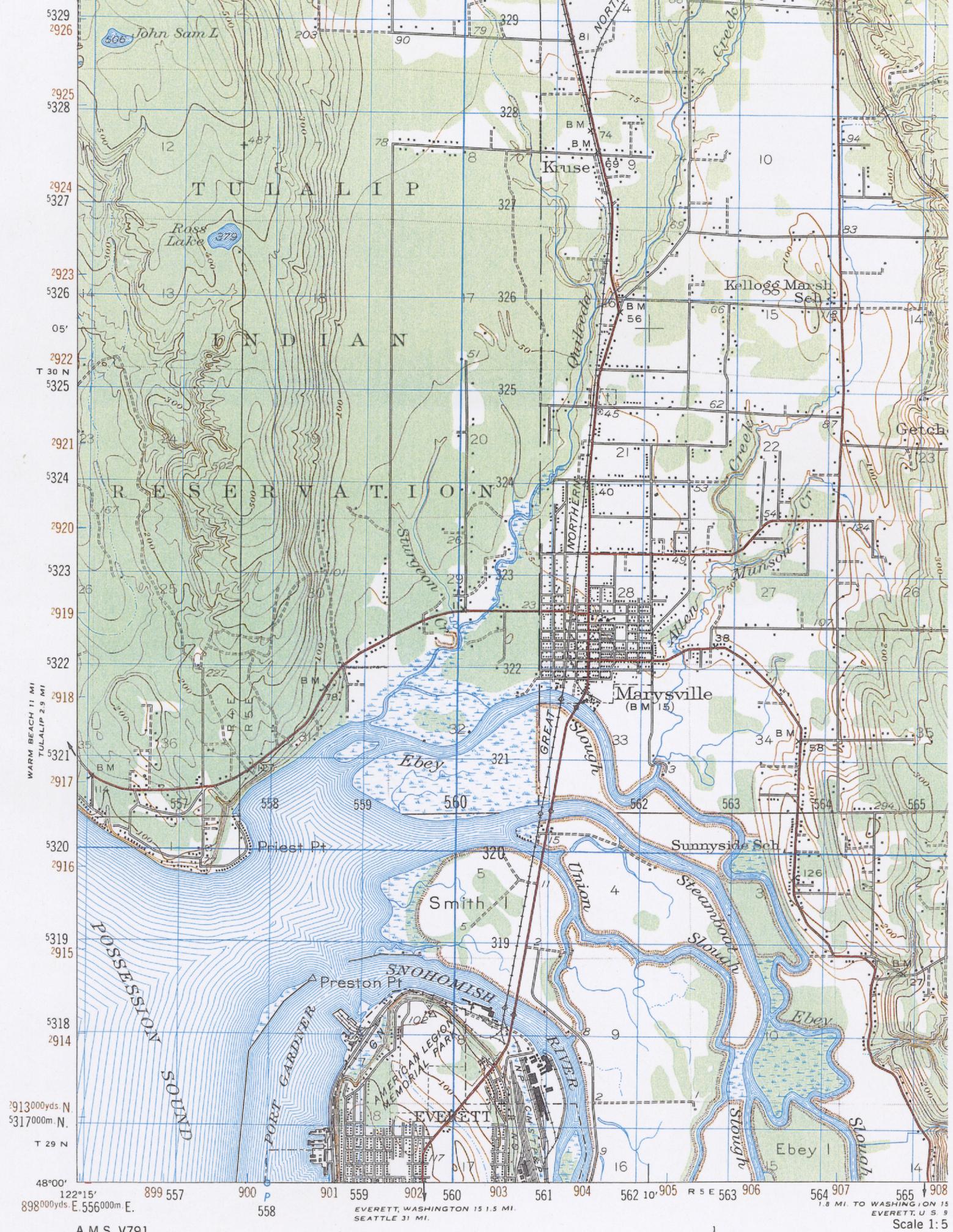
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U. S. 99 8.1 MI.
MUKILTEO 2.3 MI.

TACOMA 53 MI.
SEATTLE 23 MI.



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5317000m. N
T 29 N

48°00' 122°15' 899 557 900 P 901 559 902 560 903 561 904 562 10' 905 R 563 906 564 907 565 908
898000yds. E. 556000m. E.

EVERETT, WASHINGTON 15 1.5 MI.
SEATTLE 31 MI.

A.M.S. V791

Scale 1:5

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

122°15'
00"

R. 4 E. R. 5 E.

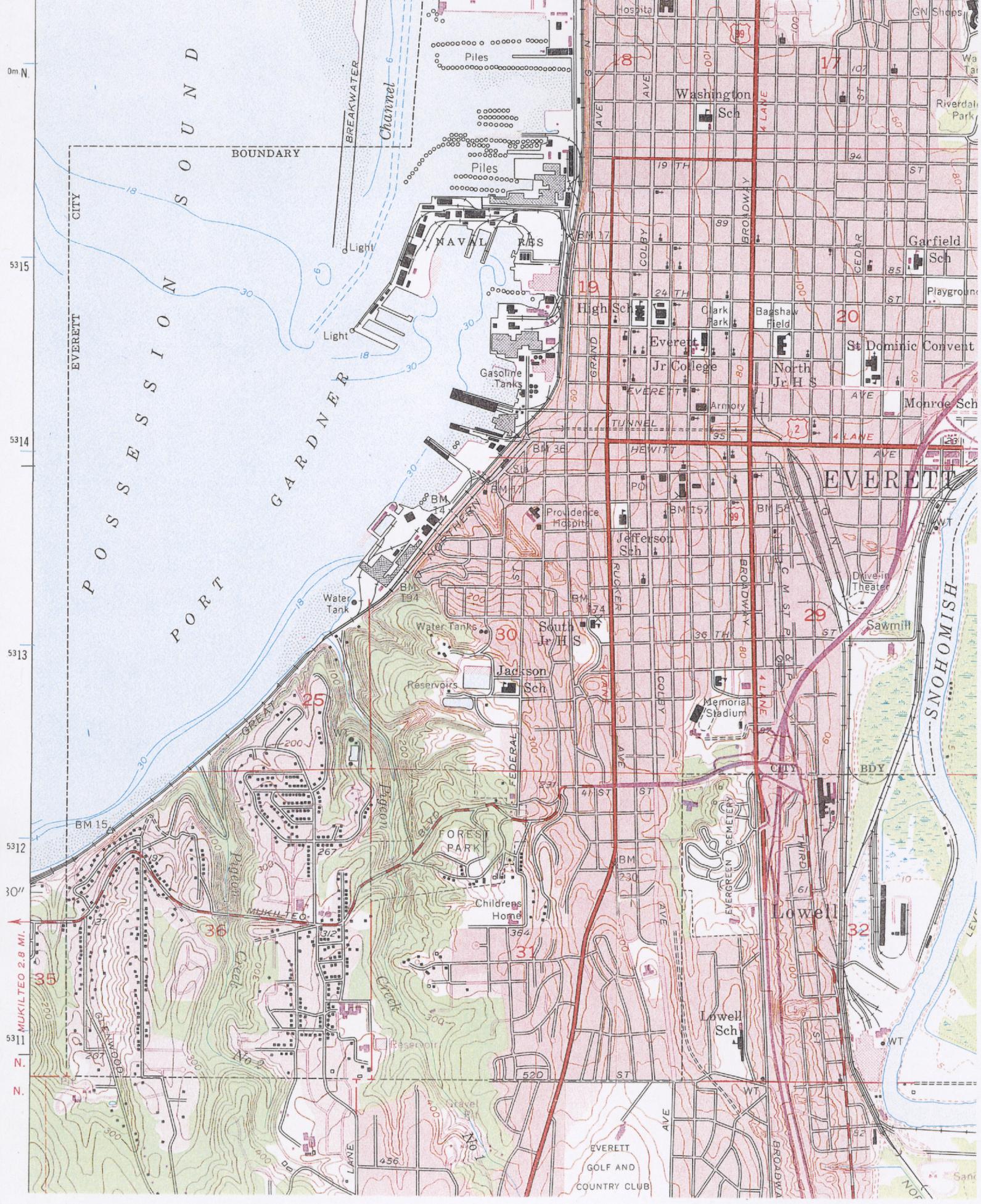
12/30"

MT. VERNON 31 MI.
MARYSVILLE 4.1 MI.
(MARYSVILLE 1:6



GEOLOGICAL SURVEY

122°15' 00" 557000m E. R. 4 E. R. 5 E. 12'30" MT. VERNON 31 MI. MARYSVILLE 4.1 MI. 1580 II SW (MARYSVILLE)



0m N
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5313
5312
30"
5311
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N.

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CITY
EVERETT
PORT GARDNER
SOUND

NAVAL RES
Piles
Light
Gasoline Tanks
Water Tank
Water Tanks
Reservoirs
FOREST PARK
Childrens Home
EVERETT
LOWELL
EVERETT GOLF AND COUNTRY CLUB

Hospital
Washington Sch
Garfield Sch
High Sch
Clark Park
Bagshaw Field
St Dominic Convent
North Jr H S
Monroe Sch
Jefferson Sch
RUCKER
Memorial Stadium
EVERGREEN CEMETERY
Lowell Sch

MT. VERNON 31 MI.
MARYSVILLE 4.1 MI.
1580 II SW (MARYSVILLE)

MUKILTEO 2.8 MI.

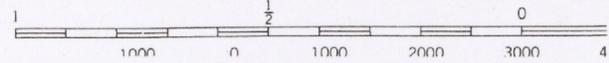


15' 557 558 1 660 000 FEET R 5 E. 12'30" LYNWOOD 15 MI. SEATTLE 30 MI. (EVERETT) 1579 1 NW

Mapped, edited, and published by the Geological Survey

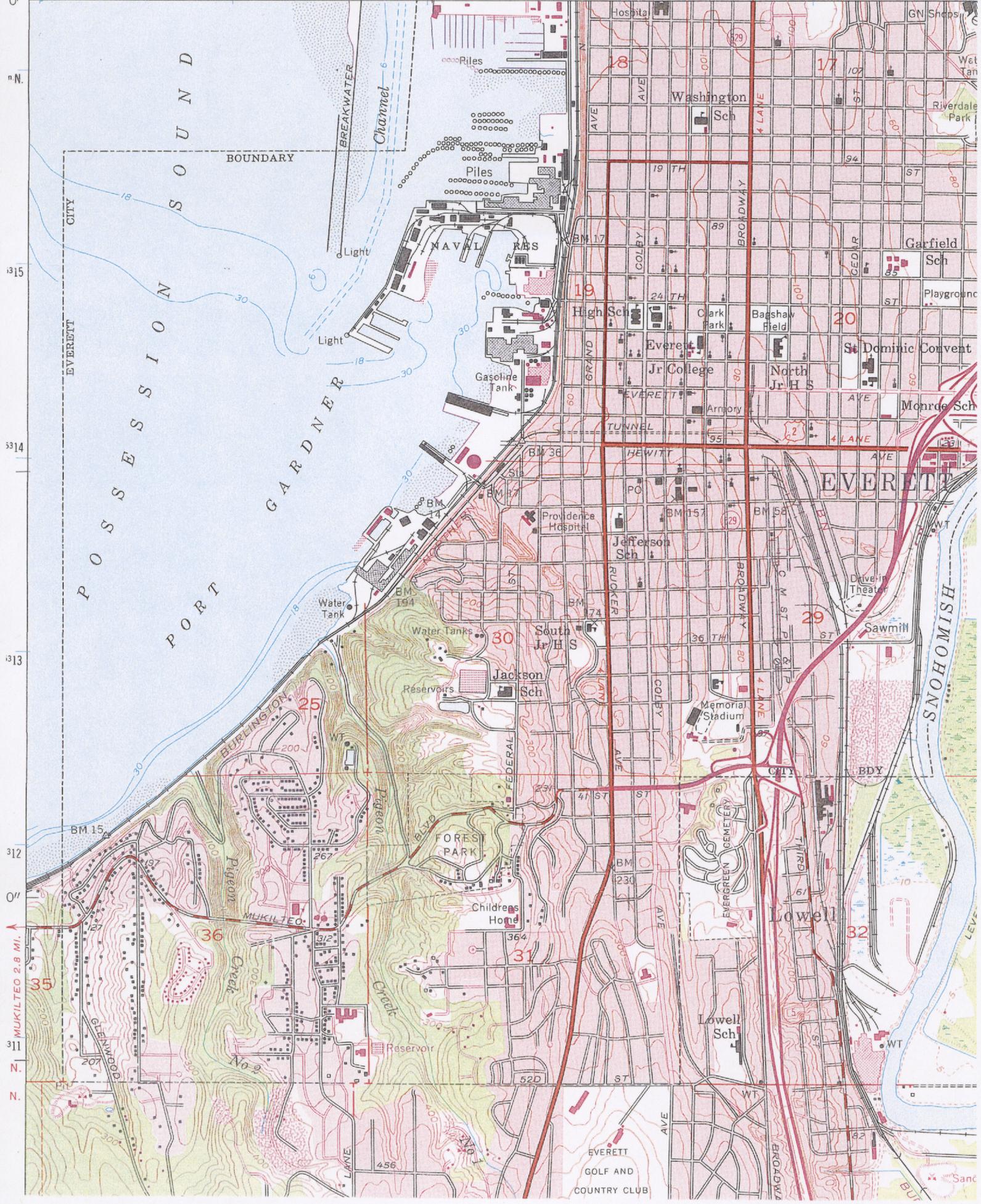
Control by USGS and USC&GS

SCALE 1:24 000



GEOLOGICAL SURVEY

122°15' 0" W 557000m E. R. 4 E. R. 5 E. 12'30" W MT. VERNON 31 MI. MARYSVILLE 4.1 MI. 1580 II SW (MARYSVILLE)



EVERETT CITY POSSESSION SOUND PORT GARDNER CHANNEL BREAKWATER LIGHT LIGHT PILES PILES NAVAL BASE GASOLINE TANK WATER TANK RESERVOIRS BURLINGTON MILKILTEO GLENWOOD

BOUNDARY

Washington Sch, Garfield Sch, St Dominic Convent, Monroe Sch, Jefferson Sch, South Jr HS, Jackson Sch, Childrens Home, Lowell Sch, Memorial Stadium, Providence Hospital, Everett Jr College, North Jr HS, Clark Park, Bagshaw Field, Hewitt Ave, Rucker Ave, Colby Ave, Everett Ave, Grand Ave, 19th St, 24th St, 29th St, 30th St, 31st St, 32nd St, 33rd St, 34th St, 35th St, 36th St, 37th St, 38th St, 39th St, 40th St, 41st St, 42nd St, 43rd St, 44th St, 45th St, 46th St, 47th St, 48th St, 49th St, 50th St, 51st St, 52nd St, 53rd St, 54th St, 55th St, 56th St, 57th St, 58th St, 59th St, 60th St, 61st St, 62nd St, 63rd St, 64th St, 65th St, 66th St, 67th St, 68th St, 69th St, 70th St, 71st St, 72nd St, 73rd St, 74th St, 75th St, 76th St, 77th St, 78th St, 79th St, 80th St, 81st St, 82nd St, 83rd St, 84th St, 85th St, 86th St, 87th St, 88th St, 89th St, 90th St, 91st St, 92nd St, 93rd St, 94th St, 95th St, 96th St, 97th St, 98th St, 99th St, 100th St, 101st St, 102nd St, 103rd St, 104th St, 105th St, 106th St, 107th St, 108th St, 109th St, 110th St, 111th St, 112th St, 113th St, 114th St, 115th St, 116th St, 117th St, 118th St, 119th St, 120th St, 121st St, 122nd St, 123rd St, 124th St, 125th St, 126th St, 127th St, 128th St, 129th St, 130th St, 131st St, 132nd St, 133rd St, 134th St, 135th St, 136th St, 137th St, 138th St, 139th St, 140th St, 141st St, 142nd St, 143rd St, 144th St, 145th St, 146th St, 147th St, 148th St, 149th St, 150th St, 151st St, 152nd St, 153rd St, 154th St, 155th St, 156th St, 157th St, 158th St, 159th St, 160th St, 161st St, 162nd St, 163rd St, 164th St, 165th St, 166th St, 167th St, 168th St, 169th St, 170th St, 171st St, 172nd St, 173rd St, 174th St, 175th St, 176th St, 177th St, 178th St, 179th St, 180th St, 181st St, 182nd St, 183rd St, 184th St, 185th St, 186th St, 187th St, 188th St, 189th St, 190th St, 191st St, 192nd St, 193rd St, 194th St, 195th St, 196th St, 197th St, 198th St, 199th St, 200th St

EVERETT, WASHINGTON

EVERETT GOLF AND COUNTRY CLUB

EVERETT CEMETERY

EVERETT JR COLLEGE

EVERETT HIGH SCHOOL

EVERETT JUNIOR HIGH SCHOOL

EVERETT SENIOR HIGH SCHOOL

EVERETT MIDDLE SCHOOL

EVERETT ELEMENTARY SCHOOLS

EVERETT PARKS AND RECREATION

EVERETT UTILITIES

EVERETT WATER TREATMENT PLANT

EVERETT SEWER TREATMENT PLANT

EVERETT WASTE TREATMENT PLANT

EVERETT LANDFILL

EVERETT INDUSTRIAL PARK

EVERETT BUSINESS DISTRICT

EVERETT HISTORIC DISTRICT

EVERETT ARTS DISTRICT

EVERETT CULTURAL DISTRICT

EVERETT COMMUNITY CENTER

EVERETT SENIOR CENTER

EVERETT YOUTH CENTER

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EVERETT FIRE DEPARTMENT

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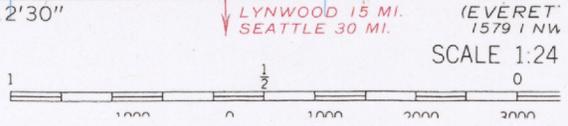
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 Control by USGS and USC&GS



Sanborn Fire Insurance Maps



"Linking Technology with Tradition"

Sanborn® Map Report

Ship to: Tim Syverson

Landau Associates, Inc.

130 Second Avenue

South Edmonds, WA 98020

1018313KID

425-778-0907

Order Date: 6/19/2001

Completion Date: 06/20/2001

Inquiry #: 646425.4S

P.O. #: NA

Site Name: Port of Everett, North Marina

Address: 1111 13th Street

City/State: Everett, WA 98201

Cross Streets:

Based on client-supplied information, fire insurance maps for the following years were identified

1902 - 1 - map

1914 - 2 - maps

1950 - 2 - maps

1957 - 2 - maps

1968 - 2 - maps

Total Maps: 9

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Organization of Electronic Sanborn Image File

- First Page Sanborn Map Report, listing years of coverage
- Second Page Electronic Sanborn Map Images USER'S GUIDE
- Third Page Oldest Sanborn Map Image
- Last Page Most recent Sanborn Map Image

Navigating the Electronic Sanborn Image File

- Open file on screen.
- Identify TP (Target Property) on the most recent map.
- Find TP on older printed images.
- To view the image more clearly, zoom to 250%.
 - 200-250% is the approximate equivalent scale of hardcopy Sanborn Maps.
 - Viewing above 400% will tend to pixelate the display.
- Zooming in on an image:
 - Click on the % in the lower left hand corner and type in ____%.
 - Use the magnifying tool and drag a box around the TP area.

Printing a Sanborn Map from the Electronic File

- EDR recommends printing all images at 300 dpi (300 dpi prints faster than 600 dpi).
- To print only the TP area, cut and paste the area from Adobe Acrobat to your word processor.

For Adobe Acrobat Version 3

- Go to the Menu Bar.
- Highlight 'Tools'.
- Highlight 'Select Graphics'.
- Draw a box around the area of interest.
- Go to the Menu Bar.
- Highlight 'Edit'.
- Highlight 'Copy'.
- Go to a word processor such as Microsoft Word and paste. Print from the word processor.

For Adobe Acrobat Version 4

- Go to the Menu Bar.
- Press and hold the 'T' button.
- Choose the Graphics Select Tool.
- Draw a box around the area of interest.
- Go to the Menu Bar.
- Highlight 'Edit'.
- Highlight 'Copy'.
- Go to a word processor such as Microsoft Word and paste. Print from the word processor.



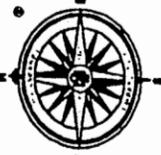
Text Select Tool (v)



Graphics Select Tool (v)

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- Images are grouped into one file, up to 2MB.
- In cases where in excess of 6-7 map years are available, the file size typically exceeds 2MB. In these cases, you will receive multiple files, labeled as 1 of 3, 2 of 3, etc. including all available map years.
- Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.



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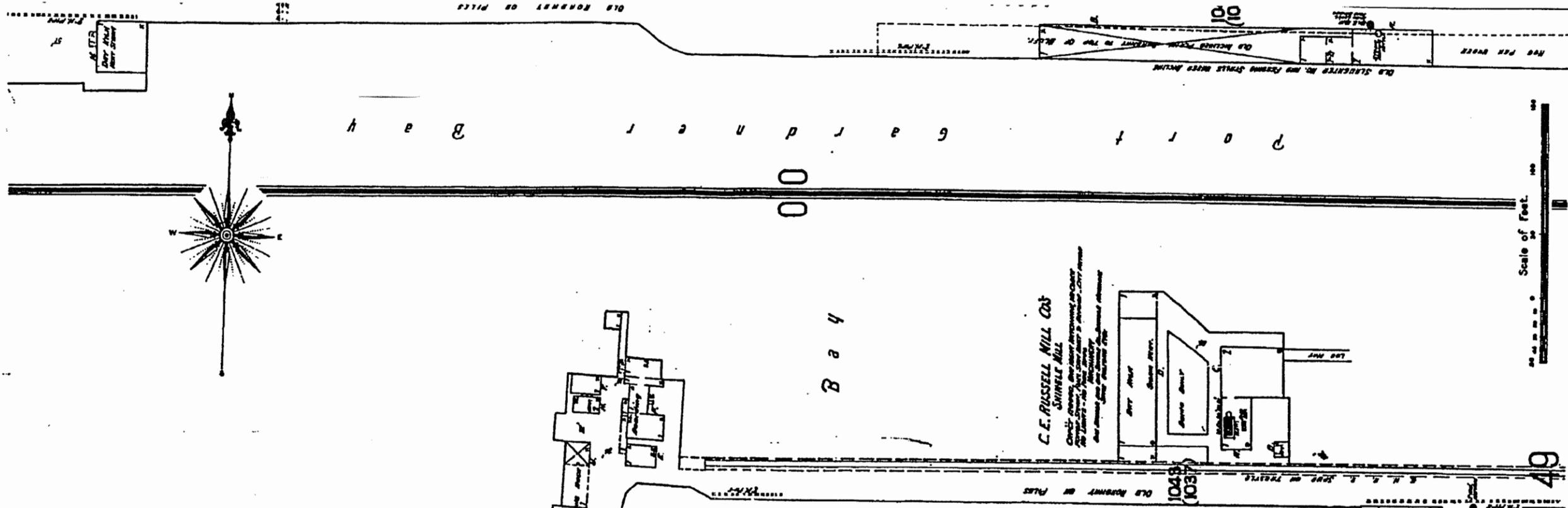
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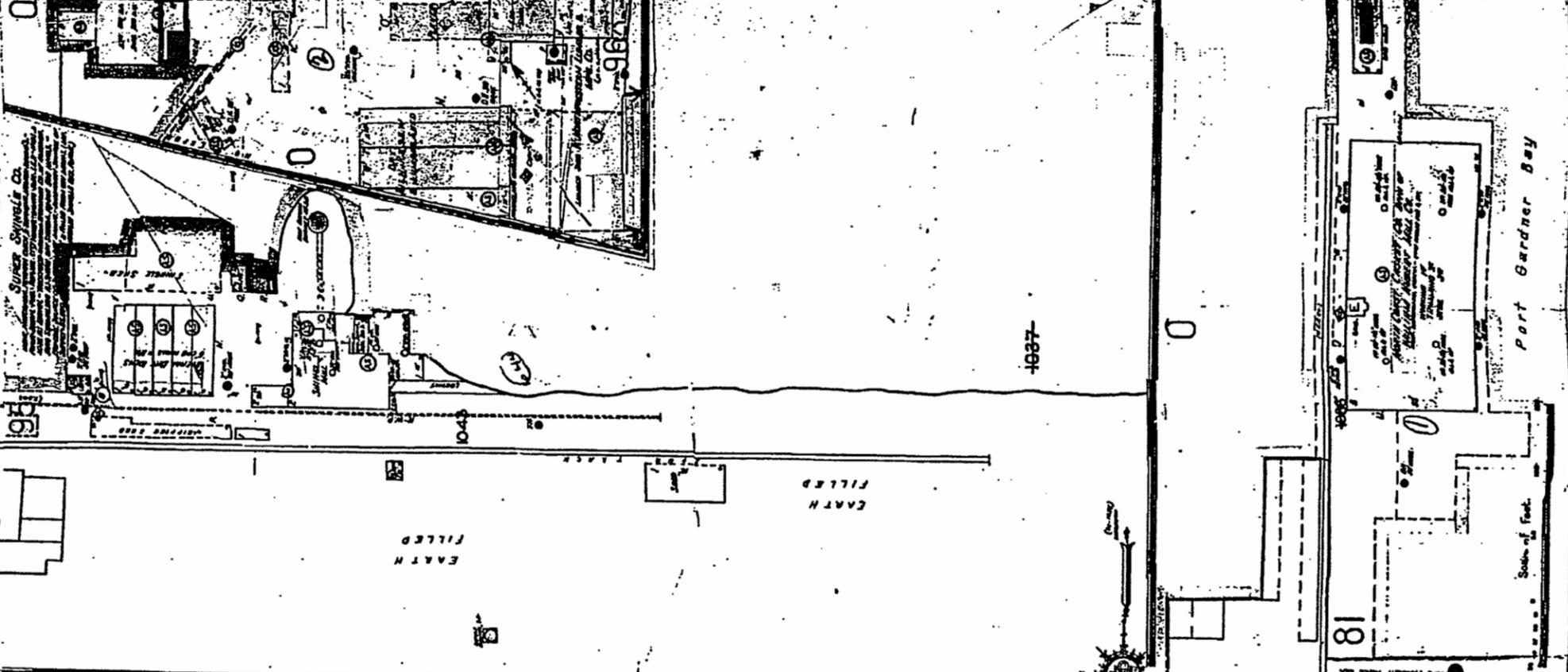
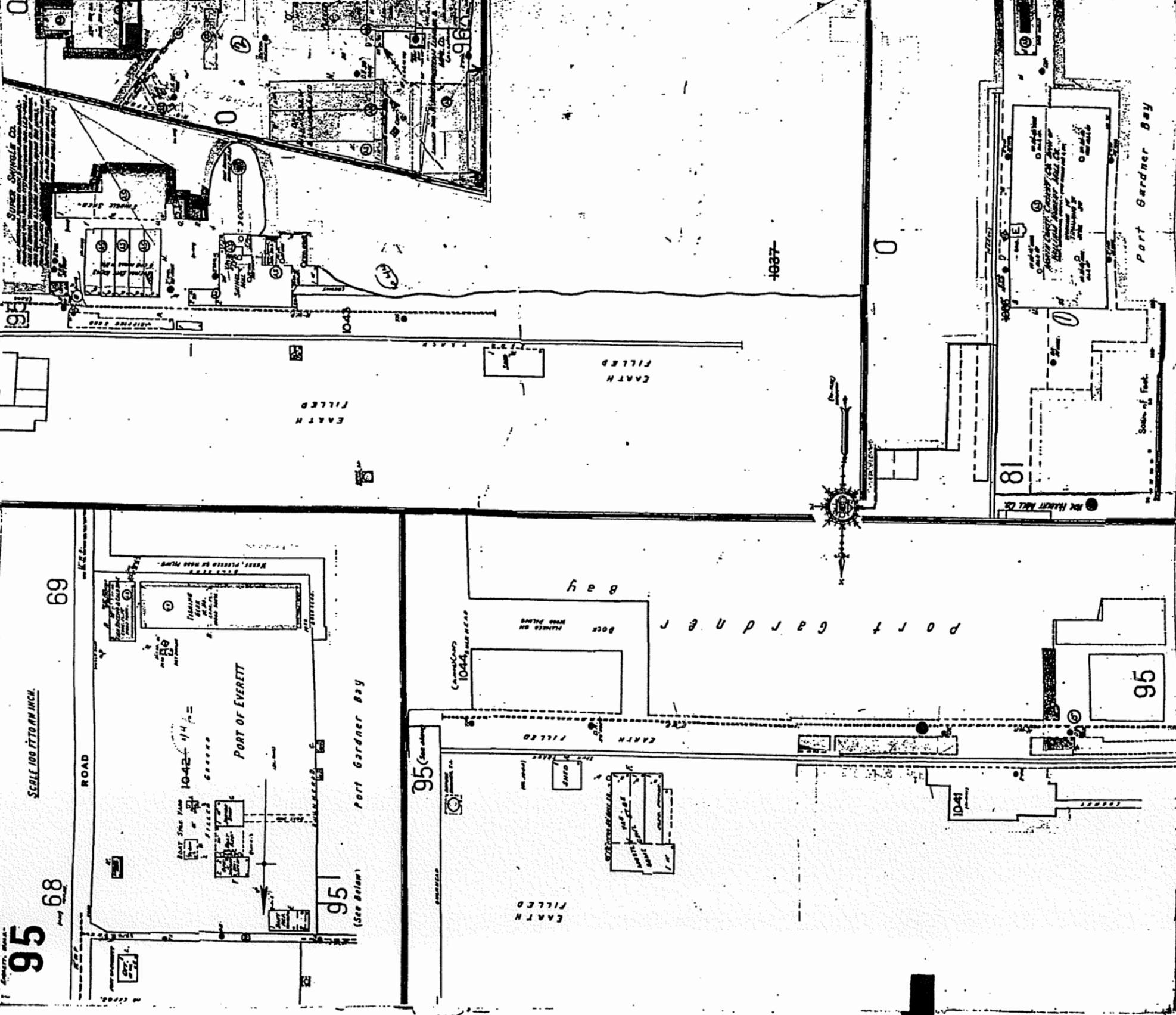
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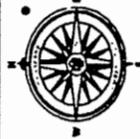


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WILLIAM HULBERT MILL CO'S
SAW PLANING & SHINGLE MILL

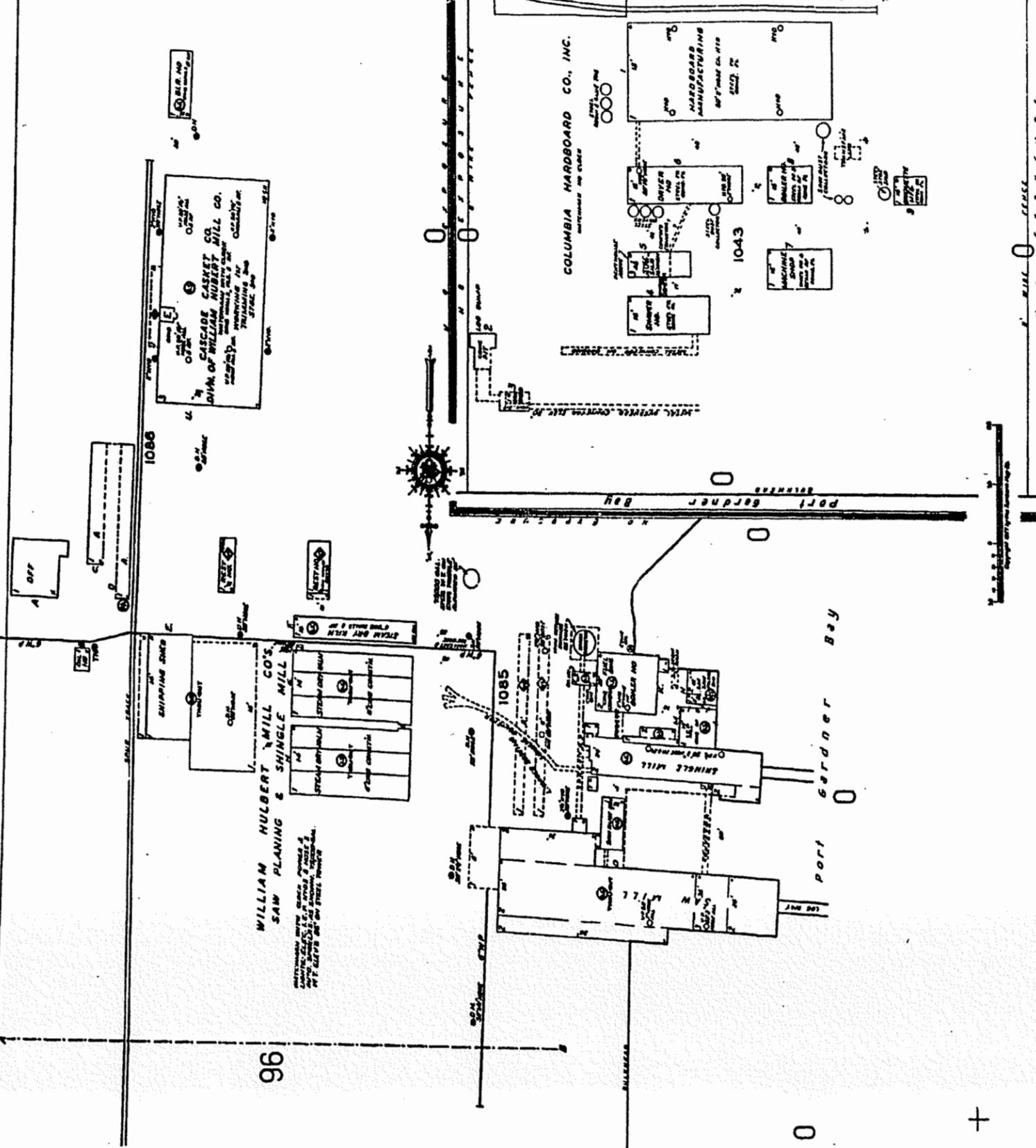
WILLIAM HULBERT MILL CO'S
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MILL BUILT BY W. H. HULBERT
IN 1885.

CASCADE CASSET CO
DIV. OF WILLIAM HULBERT MILL CO.
MILL BUILT BY W. H. HULBERT
IN 1885. MILL BUILT BY
W. H. HULBERT IN 1885.
MILL BUILT BY W. H. HULBERT
IN 1885.

COLUMBIA HARDBOARD CO., INC.

SHINGLE MILL
PORT Gardner Bay

1043





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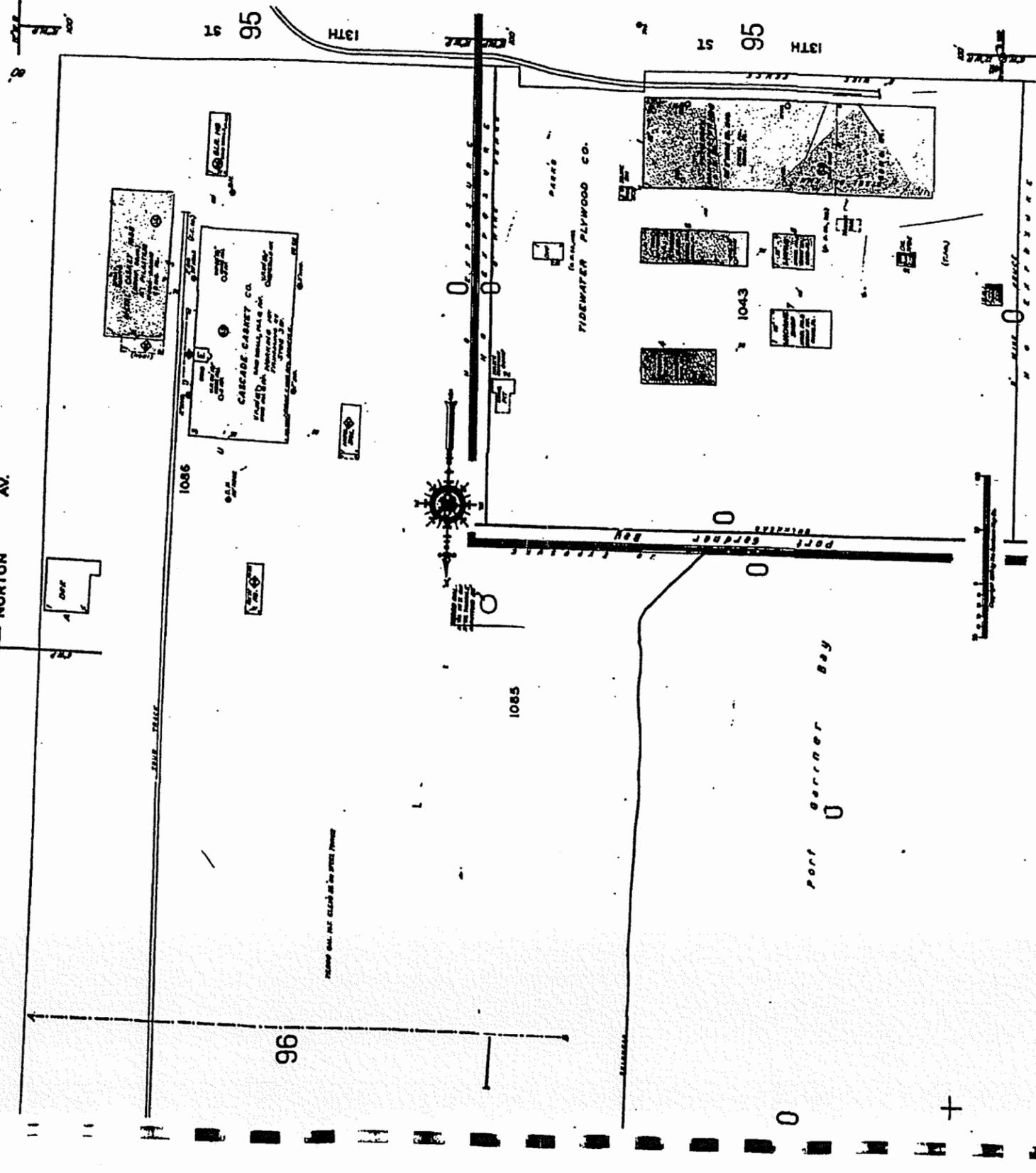
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PLANNED
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MAR. 1957

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Port Gardner Bay

TRAMP WALL NOT CLEAR OF THE SPACE THERE

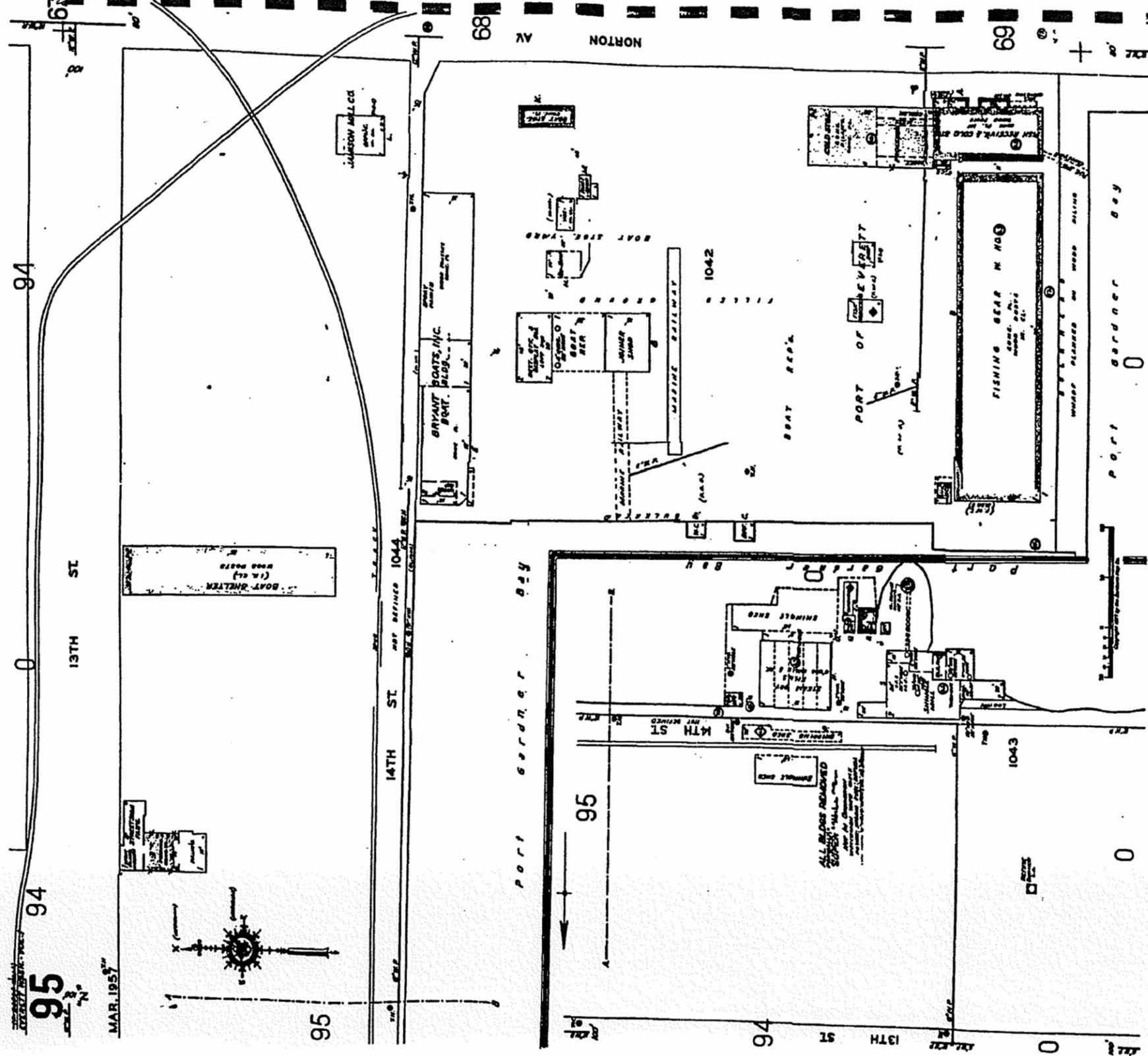


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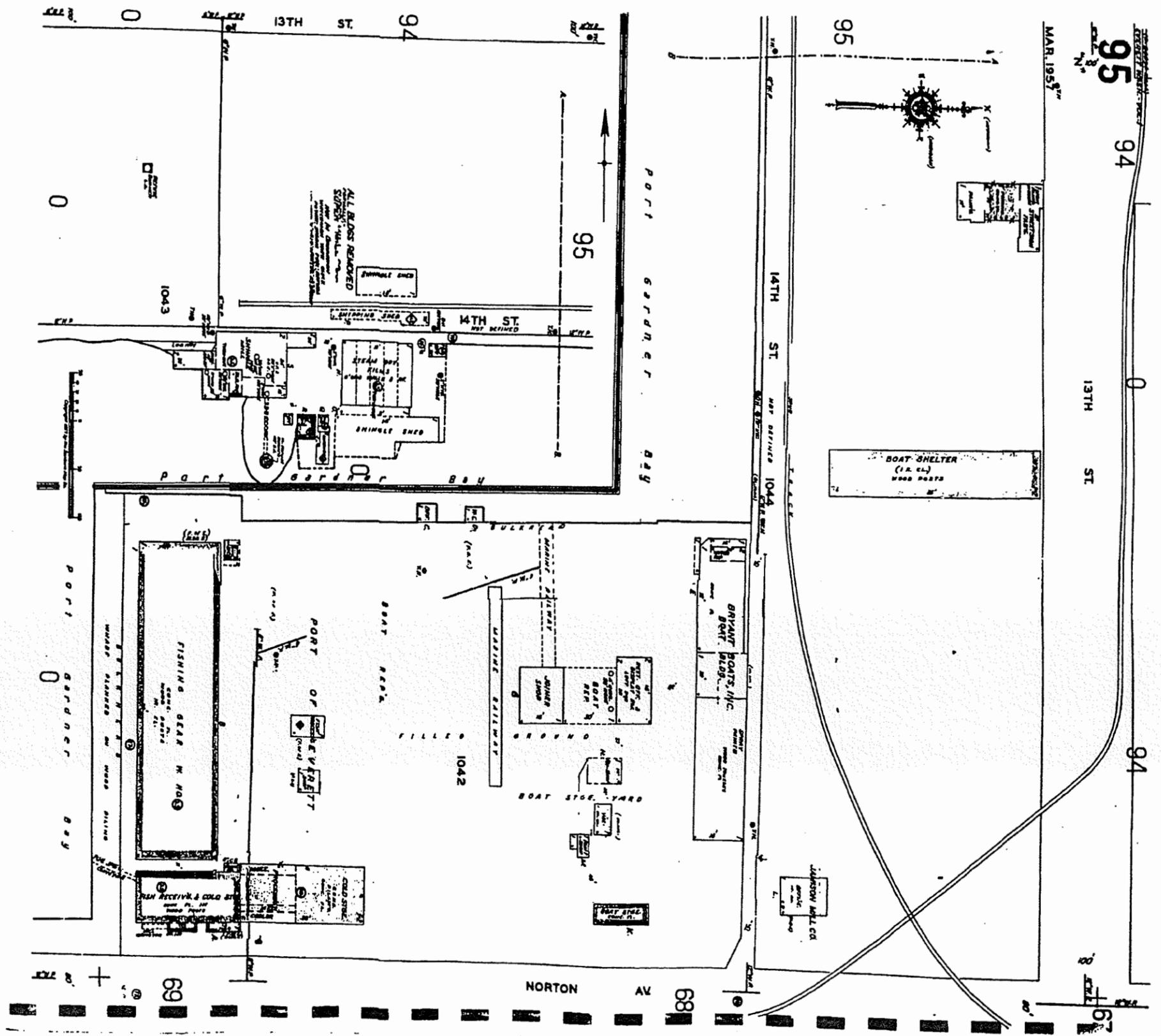


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APPENDIX D

EDR Report



The EDR Radius Map with GeoCheck[®]

**Port of Everett, North Marina
1111 13th Street
Everett, WA 98201**

Inquiry Number: 646425.3s

June 19, 2001

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

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

1111 13TH STREET
EVERETT, WA 98201

COORDINATES

Latitude (North): 48.000400 - 48° 0' 1.4"
Longitude (West): 122.217900 - 122° 13' 4.4"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 558342.3
UTM Y (Meters): 5316421.5

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2448122-A2 MARYSVILLE, WA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRIS-TSD..... Resource Conservation and Recovery Information System

STATE ASTM STANDARD

HSL..... Hazardous Sites List

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
Delisted NPL..... National Priority List Deletions
HMIRS..... Hazardous Materials Information Reporting System
MLTS..... Material Licensing Tracking System

EXECUTIVE SUMMARY

MINES	Mines Master Index File
NPL Liens	Federal Superfund Liens
PADS	PCB Activity Database System
RAATS	RCRA Administrative Action Tracking System
TSCA	Toxic Substances Control Act

STATE OR LOCAL ASTM SUPPLEMENTAL

EMI..... Washington Emissions Data System

EDR PROPRIETARY DATABASES

Coal Gas..... Former Manufactured Gas (Coal Gas) Sites

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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

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

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

FEDERAL ASTM STANDARD

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 03/16/2001 has revealed that there is 1 CERCLIS site within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>US NAVY STATION EVERETT</i>	<i>2000 W MARINE VIEW DR</i>	<i>1/2 - 1 SSE</i>	<i>35</i>	<i>27</i>

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

A review of the RCRIS-LQG list, as provided by EDR, and dated 06/21/2000 has revealed that there are 2 RCRIS-LQG 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>
<i>CHUCKS BOAT HOSPITAL</i>	<i>915 13TH ST</i>	<i>0 - 1/8 SE</i>	<i>A2</i>	<i>5</i>

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>TC SYSTEMS INC</i>	<i>1028 W MARINE VIEW DR</i>	<i>1/4 - 1/2NE</i>	<i>H28</i>	<i>20</i>

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

A review of the RCRIS-SQG list, as provided by EDR, and dated 06/21/2000 has revealed that there are 9 RCRIS-SQG 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>
<i>EVERETT FIRE DEPT 3</i>	<i>920 13TH ST</i>	<i>0 - 1/8 ESE</i>	<i>A3</i>	<i>5</i>
<i>FISHERMENS BOAT SHOP INC</i>	<i>1016 14TH ST</i>	<i>1/8 - 1/4SE</i>	<i>D16</i>	<i>13</i>
<i>EVERETT ENGINEERING BLDG M 11</i>	<i>800 BLOCK OF 13TH ST</i>	<i>1/8 - 1/4WSW</i>	<i>B18</i>	<i>17</i>
<i>AMERICAN BOILER WORKS INC</i>	<i>1332 W MARINE VIEW DR</i>	<i>1/8 - 1/4ESE</i>	<i>19</i>	<i>18</i>
<i>EVERETT PORT MARINA SUPPORT SV</i>	<i>1402 W MARINE VIEW DR</i>	<i>1/8 - 1/4ESE</i>	<i>F24</i>	<i>19</i>
<i>EVERETT ENGINEERING INC</i>	<i>1420 W MARINE VIEW DR</i>	<i>1/8 - 1/4ESE</i>	<i>F25</i>	<i>20</i>
<i>OW GLASS</i>	<i>1020 10TH ST</i>	<i>1/4 - 1/2NE</i>	<i>H29</i>	<i>24</i>
<i>PERFORMANCE MARINE INC</i>	<i>930 W MARINE VIEW DR</i>	<i>1/4 - 1/2NNE</i>	<i>30</i>	<i>25</i>
<i>WA DOT NORTON TERMINAL MV ELWH</i>	<i>1710 W MARINE VIEW DR</i>	<i>1/4 - 1/2SSE</i>	<i>I31</i>	<i>25</i>

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 08/08/2000 has revealed that there are 9 ERNS 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>
<i>SNOHOMISH RIVER MARINE FUEL DO</i>	<i>SNOHOMISH RIVER MARINE</i>	<i>1/8 - 1/4SSW</i>	<i>9</i>	<i>11</i>
<i>EVERETTE MARINA 1402 WEST MARI</i>	<i>EVERETTE MARINA 1402 WE</i>	<i>1/8 - 1/4SE</i>	<i>D11</i>	<i>11</i>
<i>1720 WEST MARINE VIEW DR SLIP</i>	<i>1720 WEST MARINE VIEW D</i>	<i>1/8 - 1/4SE</i>	<i>D12</i>	<i>12</i>
<i>1720 W MARINE VIEW DR NORTH SE</i>	<i>1720 W MARINE VIEW DR N</i>	<i>1/8 - 1/4SE</i>	<i>D13</i>	<i>12</i>
<i>1016 14TH ST 12TH ST PIER</i>	<i>1016 14TH ST 12TH ST PI</i>	<i>1/8 - 1/4SE</i>	<i>D17</i>	<i>17</i>
<i>1208 WEST MARINE VIEW DR</i>	<i>1208 WEST MARINE VIEW D</i>	<i>1/8 - 1/4ENE</i>	<i>E20</i>	<i>19</i>
<i>1208 WEST MARINE VIEW DR</i>	<i>1208 WEST MARINE VIEW D</i>	<i>1/8 - 1/4ENE</i>	<i>E21</i>	<i>19</i>
<i>1402 W MARINE VIEW DR</i>	<i>1402 W MARINE VIEW DR</i>	<i>1/8 - 1/4ESE</i>	<i>F22</i>	<i>19</i>
<i>1402 WEST MARINE VIEW DRIVE</i>	<i>1402 WEST MARINE VIEW D</i>	<i>1/8 - 1/4ESE</i>	<i>F23</i>	<i>19</i>

STATE ASTM STANDARD

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

A review of the CSCSL list, as provided by EDR, has revealed that there are 7 CSCSL sites within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>FISHERMENS BOAT SHOP INC</i>	<i>1016 14TH ST</i>	<i>1/8 - 1/4SE</i>	<i>D16</i>	<i>13</i>

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
US NAVY STATION EVERETT	2000 W MARINE VIEW DR	1/2 - 1 SSE	35	27
THE ALLEY SHOP	1321 BROADWAY	1/2 - 1 E	38	33
EVERETT LAUNDRY	1130 N BROADWAY	1/2 - 1 E	39	35
NORD DOOR/JELD-WEN OF EVERETT	300 W. MARINE VIEW DR.	1/2 - 1 NNE	40	36
WA DOT EVERETT MAINTENANCE FAC	709 N BROADWAY	1 - 2 ENE	41	39
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PUGET SOUND TRUCK LINES INC	615 13TH STREET	0 - 1/8 W	B7	7

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Ecology's Solid Waste Facilities Handbook.

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PORT OF EVERETT MRWF	1720 W MARINE VIEW DR	1/4 - 1/2 SSE	I32	25

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

A review of the LUST list, as provided by EDR, and dated 03/01/2001 has revealed that there are 4 LUST sites within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PORT OF EVERETT	1100 13TH ST	1/8 - 1/4 ESE	C8	10
EVERETT BOAT HOUSE & MARINA IN	1001 14TH ST	1/8 - 1/4 SE	D14	12
CC EVERETT COMMUNITY COLLEGE	801 WETMORE	1/2 - 1 NE	J36	31
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PUGET SOUND TRUCK LINES INC	615 13TH STREET	0 - 1/8 W	B7	7

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

A review of the UST list, as provided by EDR, and dated 03/01/2001 has revealed that there are 8 UST 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>
CITY OF EVERETT FIRE STATION #	920 13TH STREET	0 - 1/8 ESE	A4	5
PORT OF EVERETT	609 14TH ST	0 - 1/8 S	5	6
PORT OF EVERETT	1100 13TH ST	1/8 - 1/4 ESE	C8	10
EVERETT BOAT HOUSE & MARINA IN	1001 14TH ST	1/8 - 1/4 SE	D14	12
FISHERMENS BOAT SHOP INC	1016 14TH ST	1/8 - 1/4 SE	D16	13
CENTRECON, INC	1130 WEST MARINE VIEW D	1/8 - 1/4 NE	G26	20
PROVIDENCE GEN MED CTR	1321 COLBY AVE	1/4 - 1/2 E	33	26

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PUGET SOUND TRUCK LINES INC	615 13TH STREET	0 - 1/8 W	B7	7

FEDERAL ASTM SUPPLEMENTAL

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 07/07/2000 has revealed that there are 9 FINDS 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>
AMERICAN BOILER WORKS INC	801 13TH ST	0 - 1/8 SW	1	5
CHUCKS BOAT HOSPITAL	915 13TH ST	0 - 1/8 SE	A2	5
EVERETT FIRE DEPT 3	920 13TH ST	0 - 1/8 ESE	A3	5
FISHERMENS BOAT SHOP INC	1016 14TH ST	1/8 - 1/4 SE	D16	13
EVERETT ENGINEERING BLDG M 11	800 BLOCK OF 13TH ST	1/8 - 1/4 WSW	B18	17
AMERICAN BOILER WORKS INC	1332 W MARINE VIEW DR	1/8 - 1/4 ESE	19	18
EVERETT PORT MARINA SUPPORT SV	1402 W MARINE VIEW DR	1/8 - 1/4 ESE	F24	19
EVERETT ENGINEERING INC	1420 W MARINE VIEW DR	1/8 - 1/4 ESE	F25	20
AMERON INTL., POLE PROD. DIV.	1130 W. MARINE VIEW DR.	1/8 - 1/4 NE	G27	20

TRIS: The Toxic Chemical Release Inventory System identifies facilities that release toxic chemicals to the air, water, and land in reportable quantities under SARA Title III, Section 313. The source of this database is the U.S. EPA.

A review of the TRIS list, as provided by EDR, and dated 12/31/1997 has revealed that there is 1 TRIS site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
AMERICAN BOILER WORKS INC	1332 W MARINE VIEW DR	1/8 - 1/4 ESE	19	18

FTTS: FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

A review of the FTTS list, as provided by EDR, and dated 08/30/2000 has revealed that there is 1 FTTS site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
AMERICAN BOILER WORKS INC	1332 W MARINE VIEW DR	1/8 - 1/4 ESE	19	18

EXECUTIVE SUMMARY

STATE OR LOCAL ASTM SUPPLEMENTAL

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

A review of the WA ICR list, as provided by EDR, has revealed that there are 5 WA ICR sites within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PORT OF EVERETT	1105 13TH ST.	1/8 - 1/4 ESE	C10	11
EVERETT BOAT HOUSE - PORT OF E	1001 14TH ST.	1/8 - 1/4 SE	D15	12
NAVY HOMEPORT/EVERETT	1922 W. MARINE VIEW DR.	1/2 - 1 SSE	34	26
<i>EVERETT COMMUNITY COLLEGE</i>	<i>801 WETMORE AVE</i>	<i>1/2 - 1 NE</i>	<i>J37</i>	<i>32</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PUGET SOUND TRUCK EVERETT	615 13TH ST.	0 - 1/8 W	B6	7

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
PIONEER MARINE PLAZA	CSCSL
EVERETT WA LINE SEG 50 PRINTS 460-	UST, LUST
EVERETT CITY LEGION GOLF COURSE	RCRIS-SQG, FINDS
WDOE NRO PAINE FIELD PLANE CRASH	RCRIS-SQG, FINDS
EVERETT PORT MARINE TERMINAL	RCRIS-SQG, FINDS
WA DOT SR 529 BRG 10E & 10W	FINDS, RCRIS-LQG
14TH STREET F DOT NORTH	ERNS
ADJACENT TO THE PORT OF EVERETT PI	ERNS
CITY DOCK PIER NO.3 NORTH	ERNS
Q DOCK N AND Q DOCK S AT EVERETT M	ERNS
EVERETT MARINA	ERNS
EVERETT MARINA BERTH Q4	ERNS
EVERETT MARINA SLIP 50	ERNS
INTERSECTION OF 7TH AVE S.E. AND E	ERNS
NORTH MARINA F DOCK GATE	ERNS
NORTH MARINA COMMERCIAL FISHING DO	ERNS
SOUTH MARINA SEC F, 1700 W. MARINE	ERNS
NORTH MARINA FLOAT N 44	ERNS
MARINE VIEW DRIVE NORTH SECTION	ERNS
2000 WEST MARINE VIEW DRIVE PORT G	ERNS
2000 WEST MARINE VIEW DR PIER A PO	ERNS
NAVAL STATION MARINA	ERNS
NEAR 5307 S. 3RD AVE EAST EVERETT	ERNS
PIER ALPHA NAVSTA EVERETT	ERNS
PIER ALPHA USN STATION EVERETT	ERNS
PORT OF EVERETT DOCK H19 SOUTH	ERNS
PORT GARDNER BAY NAVSTA EVERETT-PI	ERNS
PORT GARDNER BAY, NAVSTA, OFF PIER	ERNS
PORT OF EVERETT 13TH STREET SLIP N	ERNS
PORT OF EVERETT MARINA	ERNS
PORT OF EVERETT PIER 3 SOUTH	ERNS
PORT OF EVERETT MARINA	ERNS
PORT OF EVERETT MARINA	ERNS
PORT OF EVERETT WEST OF SCOTT PAPE	ERNS
PORT OF EVERETT MARINA	ERNS
PORT OF EVERETT MARINA	ERNS
PORT OF EVERETT MARINA	ERNS
PORT OF EVERETT	ERNS
PORT GARDNER	ERNS
PORT OF EVERETT MARINA SLIP F32 SO	ERNS
PORT EVERETT MARINA	ERNS
PORT OF EVERETT MARINA DOCK I	ERNS
SEVERAL LOCATIONS IN EVERETT	ERNS
STEAMBOAT SLOUGH 2ND MARINA	ERNS
USN NAVAL STA EVERETT PIER A	ERNS
VISITOR PIER AT EVERETT HARBOR YAC	ERNS
NAVRESCEN EVERETT WA	FINDS
EVERETT BAYSIDE MARINE	FINDS
EVERETT, CITY OF	FINDS
EVERETT TRANSFER DEPOT	WA ICR
COLBY SQUARE OLD GAS STATION	WA ICR
CITY OF EVERETT NORTHEAST VIEW PAR	WA ICR
EAST MARINE VIEW DR. & LEGION MEMO	WA ICR
RIVERSIDE INDUSTRIAL PARK	WA ICR
UNOCAL #6943	WA ICR
Y & F PROPERTY	WA ICR

OVERVIEW MAP - 646425.3s - Landau Associates, Inc.



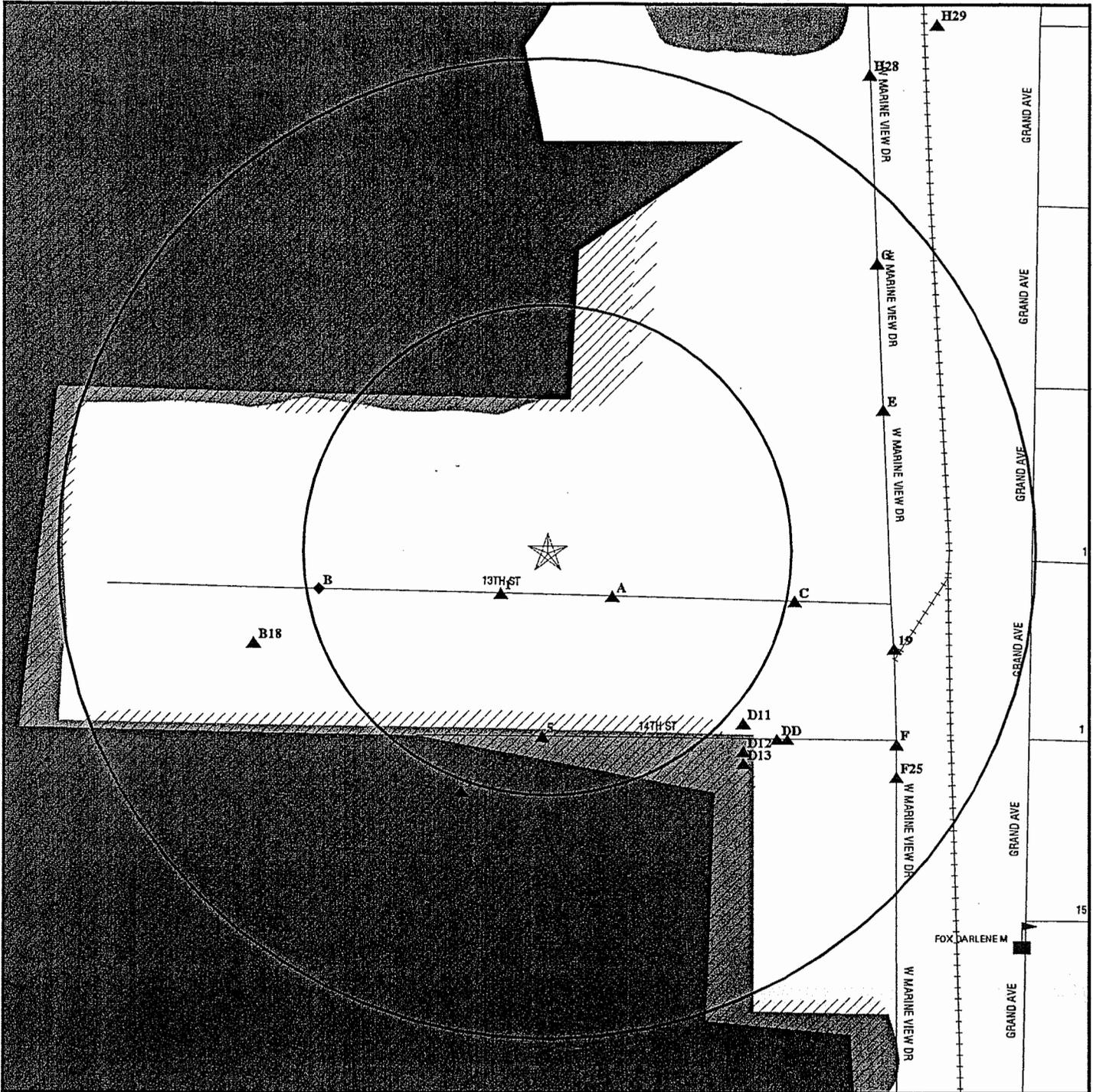
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- ▨ National Priority List Sites
- ▨ Landfill Sites

- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- ▨ Wetlands



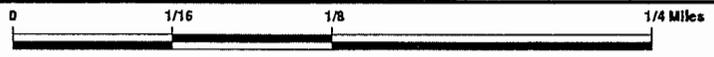
TARGET PROPERTY:	Port of Everett, North Marina	CUSTOMER:	Landau Associates, Inc.
ADDRESS:	1111 13th Street	CONTACT:	Tim Syverson
CITY/STATE/ZIP:	Everett WA 98201	INQUIRY #:	646425.3s
LAT/LONG:	48.0004 / 122.2179	DATE:	June 19, 2001 10:03 am

DETAIL MAP - 646425.3s - Landau Associates, Inc.



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

- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▩ 500-year flood zone
- ▩ Wetlands



TARGET PROPERTY: Port of Everett, North Marina
 ADDRESS: 1111 13th Street
 CITY/STATE/ZIP: Everett WA 98201
 LAT/LONG: 48.0004 / 122.2179

CUSTOMER: Landau Associates, Inc.
 CONTACT: Tim Syverson
 INQUIRY #: 646425.3s
 DATE: June 19, 2001 10:05 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
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.250	0	0	0	0	0	0
Proposed NPL		1.250	0	0	0	0	0	0
CERCLIS		0.750	0	0	0	1	NR	1
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.250	0	0	0	0	0	0
RCRIS-TSD		0.750	0	0	0	0	NR	0
RCRIS Lg. Quan. Gen.		0.500	1	0	1	NR	NR	2
RCRIS Sm. Quan. Gen.		0.500	1	5	3	NR	NR	9
ERNS		0.250	0	9	NR	NR	NR	9
<u>STATE ASTM STANDARD</u>								
CSCSL		1.250	1	1	0	4	1	7
HSL		1.250	0	0	0	0	0	0
State Landfill		0.750	0	0	1	0	NR	1
LUST		0.750	1	2	0	1	NR	4
UST		0.500	3	4	1	NR	NR	8
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.250	0	0	0	0	0	0
ROD		1.250	0	0	0	0	0	0
Delisted NPL		1.250	0	0	0	0	0	0
FINDS		0.250	3	6	NR	NR	NR	9
HMIRS		0.250	0	0	NR	NR	NR	0
MLTS		0.250	0	0	NR	NR	NR	0
MINES		0.500	0	0	0	NR	NR	0
NPL Liens		0.250	0	0	NR	NR	NR	0
PADS		0.250	0	0	NR	NR	NR	0
RAATS		0.250	0	0	NR	NR	NR	0
TRIS		0.250	0	1	NR	NR	NR	1
TSCA		0.250	0	0	NR	NR	NR	0
FTTS		0.250	0	1	NR	NR	NR	1
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
WA ICR		0.750	1	2	0	2	NR	5
WA Emissions		0.250	0	0	NR	NR	NR	0
<u>EDR PROPRIETARY DATABASES</u>								
Coal Gas		1.250	0	0	0	0	0	0
AQUIFLOW - see EDR Physical Setting Source Addendum								

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

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

1
SW
< 1/8
171
Higher

AMERICAN BOILER WORKS INC
801 13TH ST
EVERETT, WA 98201

FINDS 1003034533
WA0002349819

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)

A2
SE
< 1/8
213
Higher

CHUCKS BOAT HOSPITAL
915 13TH ST
EVERETT, WA 98201

FINDS 1001126055
RCRIS-LQG WAR000011379

Site 1 of 3 in cluster A

RCRIS:
Owner: EVERETT PORT
(425) 259-3164
Contact: BOB MCCHESENEY
(425) 259-3164
Record Date: 10/03/1996
Classification: Large Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

A3
ESE
< 1/8
227
Higher

EVERETT FIRE DEPT 3
920 13TH ST
EVERETT, WA 98201

RCRIS-SQG 1000659532
FINDS WAD988492062

Site 2 of 3 in cluster A

RCRIS:
Owner: WA ECY
(360) 555-1212
Contact: KURT SMITH
(425) 649-7124
Record Date: Not reported
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

A4
ESE
< 1/8
227
Higher

CITY OF EVERETT FIRE STATION #3
920 13TH STREET
EVERETT, WA 98201

UST U000590431
N/A

Site 3 of 3 in cluster A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CITY OF EVERETT FIRE STATION #3 (Continued)

U000590431

UST:
Facility ID: 5728
Install Date: 1/1/71 00:00:00
Capacity: 111 to 1,100 Gallons
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

5
South
< 1/8
501
Higher

PORT OF EVERETT
609 14TH ST
EVERETT, WA 98201

UST U001124800
N/A

UST:
Facility ID: 7044
Install Date: 12/31/64 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 2
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7044
Install Date: 12/31/64 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 3
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7044
Install Date: 12/31/64 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 7044
Install Date: 12/31/64 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 4
Tank Material: Steel-Unprotected
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PORT OF EVERETT (Continued)

U001124800

Facility ID: 7044
Install Date: 12/31/64 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 5
Tank Material: Steel-Unprotected
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 7044
Install Date: 9/20/91 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Operational
Tank Name: 6
Tank Material: Coated Steel
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

B6
West
< 1/8
628
Lower

PUGET SOUND TRUCK EVERETT
615 13TH ST.
EVERETT, WA 98201

WA ICR S103508757
N/A

Site 1 of 3 in cluster B

WA ICR:

Date Ecology Received Report: 06/12/1991
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Not reported
Site Register Issue: 92-01
County Code: 31.00000
Contact: Not reported
Report Title: Not reported

B7
West
< 1/8
628
Lower

PUGET SOUND TRUCK LINES INC
615 13TH STREET
EVERETT, WA 98201

UST U001125155
LUST N/A
CSCSL

Site 2 of 3 in cluster B

SHWS:

Facility ID: 2809
Responsible Unit: NW
Latitude: 48 0 0
Longitude: 122 13 12
Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Ground Water
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

PUGET SOUND TRUCK LINES INC (Continued)

U001125155

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

Facility ID: 2809
Responsible Unit: NW
Latitude: 48 0 0
Longitude: 122 13 12

Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)

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

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Surface Water

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

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

Facility ID: 2809
Responsible Unit: NW
Latitude: 48 0 0
Longitude: 122 13 12

Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PUGET SOUND TRUCK LINES INC (Continued)

U001125155

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

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

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

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

LUST:

Facility ID:	7819	Ecology Region:	North Western
Release ID:	1909	Release Date:	1/16/91 0:00
Release Status:	REPORTED CLEANED UP	Status Date:	6/1/95 0:00
Alternate Name:	PUGET SOUND TRUCK EVERETT		
Affected Media:	SOIL		

Facility ID:	7819	Ecology Region:	North Western
Release ID:	1909	Release Date:	1/16/91 0:00
Release Status:	CLEANUP STARTED	Status Date:	1/16/91 0:00
Alternate Name:	PUGET SOUND TRUCK EVERETT		
Affected Media:	SOIL		

UST:

Facility ID:	7819
Install Date:	12/31/64 00:00:00
Capacity:	Not reported
Status:	Removed
Tank Name:	1
Tank Material:	Steel-Unprotected
Substance:	Not reported
Compartment #:	1
Ecology Region:	North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PUGET SOUND TRUCK LINES INC (Continued)

U001125155

Facility ID: 7819
Install Date: 12/31/64 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 2
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

C8
ESE
1/8-1/4
681
Higher

PORT OF EVERETT
1100 13TH ST
EVERETT, WA 9
Site 1 of 2 in cluster C

UST U001128234
LUST N/A

LUST:

Facility ID: 101153 Ecology Region: North Western
Release ID: 4704 Release Date: 8/26/91 0:00
Release Status: REPORTED CLEANED UP Status Date: 6/1/95 0:00
Alternate Name: PORT OF EVERETT 13TH ST
Affected Media: SOIL

Facility ID: 101153 Ecology Region: North Western
Release ID: 4704 Release Date: 8/26/91 0:00
Release Status: CLEANUP STARTED Status Date: 8/26/91 0:00
Alternate Name: PORT OF EVERETT 13TH ST
Affected Media: SOIL

UST:

Facility ID: 101153
Install Date: 12/31/64 00:00:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Tank Material: Not reported
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 101153
Install Date: 12/31/64 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 2
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PORT OF EVERETT (Continued)

U001128234

Facility ID: 101153
Install Date: 12/31/64 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 3
Tank Material: Not reported
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

9
SSW
1/8-1/4
690
Higher

SNOHOMISH RIVER MARINE FUEL DOCK, 800 14TH ST
SNOHOMISH RIVER MARINE FUEL DOCK, 800 14TH ST
EVERETT, WA

ERNS 8851928
N/A

C10
ESE
1/8-1/4
690
Higher

PORT OF EVERETT
1105 13TH ST.
EVERETT, WA 98201
Site 2 of 2 in cluster C

WA ICR S103508147
N/A

WA ICR:
Date Ecology Received Report: 09/27/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-10
County Code: 31.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 12/29/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 93-18
County Code: 31.00000
Contact: Not reported
Report Title: Not reported

D11
SE
1/8-1/4
704
Higher

EVERETTE MARINA 1402 WEST MARINE VIEW DR NORTH MARINA DOCK I
EVERETTE MARINA 1402 WEST MARINE VIEW DR NORTH MARINA DOCK I
EVERETT, WA
Site 1 of 7 in cluster D

ERNS 98431740
N/A

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EPA ID Number
 EDR ID Number

D12 **1720 WEST MARINE VIEW DR SLIP C-22 NORTH**
SE **1720 WEST MARINE VIEW DR SLIP C-22 NORTH**
1/8-1/4 **EVERETT, WA**
756
Higher **Site 2 of 7 in cluster D**

ERNS **97406222**
N/A

D13 **1720 W MARINE VIEW DR NORTH SECTION**
SE **1720 W MARINE VIEW DR NORTH SECTION**
1/8-1/4 **EVERT, WA 98206**
780
Higher **Site 3 of 7 in cluster D**

ERNS **92255991**
N/A

D14 **EVERETT BOAT HOUSE & MARINA INC**
SE **1001 14TH ST**
1/8-1/4 **EVERETT, WA 98201**
801
Higher **Site 4 of 7 in cluster D**

LUST **1000659690**
UST **N/A**

LUST:

Facility ID:	9632	Ecology Region:	North Western
Release ID:	1940	Release Date:	2/6/91 0:00
Release Status:	REPORTED CLEANED UP	Status Date:	4/20/00 0:00
Alternate Name:	EVERETT BOATHOUSE		
Affected Media:	SOIL		

Facility ID:	9632	Ecology Region:	North Western
Release ID:	1940	Release Date:	2/6/91 0:00
Release Status:	CLEANUP STARTED	Status Date:	8/23/91 0:00
Alternate Name:	EVERETT BOATHOUSE		
Affected Media:	SOIL		

UST:

Facility ID: 9632
 Install Date: 12/31/64 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 1
 Tank Material: Steel-Unprotected
 Substance: LEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 9632
 Install Date: 12/31/64 00:00:00
 Capacity: 111 to 1,100 Gallons
 Status: Removed
 Tank Name: 2
 Tank Material: Steel-Unprotected
 Substance: LEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

D15 **EVERETT BOAT HOUSE - PORT OF EVERETT**
SE **1001 14TH ST.**
1/8-1/4 **EVERETT, WA 98201**
801
Higher **Site 5 of 7 in cluster D**

WA ICR **S103506787**
N/A

WA ICR:

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EVERETT BOAT HOUSE - PORT OF EVERETT (Continued)

S103506787

Date Ecology Received Report: 03/20/1991
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Groundwater, Soil
 Cause of Contamination: Tank
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 91-26
 County Code: 31.00000
 Contact: Not reported
 Report Title: Not reported

**D16
 SE
 1/8-1/4
 822
 Higher**

**FISHERMENS BOAT SHOP INC
 1016 14TH ST
 EVERETT, WA 98201**

**RCRIS-SQG 1000232093
 FINDS WAD988469706
 UST
 CSCSL**

Site 6 of 7 in cluster D

RCRIS:

Owner: FISHERMENS BOAT SHOP INC
 Contact: NICK EITEL
 (425) 259-0137

Record Date: 12/31/1998

Classification: Not reported

Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated: Not reported
 Area of Violation: Generator-All Requirements
 Date Violation Determined: 07/10/1992
 Priority of Violation: Low
 Schedule Date to Achieve Compliance: 08/14/1992
 Actual Date Achieved Compliance: 08/24/1992
 Enforcement Action: Written Informal
 Enforcement Action Date: 07/10/1992
 Proposed Monetary Penalty: Not reported
 Final Monetary Penalty: Not reported

Regulation Violated: Not reported
 Area of Violation: Generator-All Requirements
 Date Violation Determined: 07/10/1992
 Priority of Violation: Low
 Schedule Date to Achieve Compliance: 08/14/1992
 Actual Date Achieved Compliance: 09/18/1992
 Enforcement Action: Written Informal
 Enforcement Action Date: 07/10/1992
 Proposed Monetary Penalty: Not reported
 Final Monetary Penalty: Not reported

Regulation Violated: Not reported
 Area of Violation: Generator-All Requirements
 Date Violation Determined: 07/10/1992
 Priority of Violation: Low
 Schedule Date to Achieve Compliance: 08/14/1992
 Actual Date Achieved Compliance: 09/18/1992
 Enforcement Action: Written Informal
 Enforcement Action Date: 07/10/1992

Regulation Violated: Not reported
 Area of Violation: Generator-All Requirements
 Date Violation Determined: 07/10/1992
 Priority of Violation: Low
 Schedule Date to Achieve Compliance: 08/14/1992
 Actual Date Achieved Compliance: 09/18/1992
 Enforcement Action: Written Informal
 Enforcement Action Date: 07/10/1992

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FISHERMENS BOAT SHOP INC (Continued)

1000232093

Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	07/10/1992
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	08/04/1992
Actual Date Achieved Compliance:	08/04/1992
Enforcement Action:	Written Informal
Enforcement Action Date:	07/10/1992
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	07/10/1992
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	08/14/1992
Actual Date Achieved Compliance:	09/18/1992
Enforcement Action:	Written Informal
Enforcement Action Date:	07/10/1992
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported

There are 5 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	08/24/1992
	Generator-All Requirements	09/18/1992
	Generator-All Requirements	09/18/1992
	Generator-All Requirements	08/04/1992
	Generator-All Requirements	09/18/1992

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Permit Compliance System (PCS)

SHWS:

Facility ID: 2794
 Responsible Unit: NW
 Latitude: 47 59 56
 Longitude: 122 12 56
 Ecology Site Status relative to the MTCA cleanup process:
 Independent Remedial Action
 Independent Site Status - those sites undergoing an independent cleanup:
 Independent Site Assessment of Interim Remedial Action Report received
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
 3 - Moderate assessed risk to human health and to the environment
 Affected Media: Ground Water
 Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
 Base/Neutral/Acid Organics: Suspected to be present
 Halogenated Organic Compounds: Suspected to be present
 Horizontal Collection Method: 3
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FISHERMENS BOAT SHOP INC (Continued)

1000232093

Metals - Other non-priority pollutant metals:	Suspected to be present
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Suspected to be present
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2794
Responsible Unit: NW
Latitude: 47 59 56
Longitude: 122 12 56

Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received

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

Affected Media: Surface Water

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

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

Facility ID: 2794
Responsible Unit: NW
Latitude: 47 59 56
Longitude: 122 12 56

Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received

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

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FISHERMENS BOAT SHOP INC (Continued)

1000232093

Affected Media: Air
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals: Suspected to be present
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2794
Responsible Unit: NW
Latitude: 47 59 56
Longitude: 122 12 56

Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received

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

Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals: Confirmed above MTCA cleanup levels
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Suspected to be present
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2794

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FISHERMENS BOAT SHOP INC (Continued)

1000232093

Responsible Unit: NW
 Latitude: 47 59 56
 Longitude: 122 12 56
 Ecology Site Status relative to the MTCA cleanup process:
 Independent Remedial Action
 Independent Site Status - those sites undergoing an independent cleanup:
 Independent Site Assessment of Interim Remedial Action Report received
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
 3 - Moderate assessed risk to human health and to the environment
 Affected Media: Sediments
 Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations
 or manufacturing processes, certain contaminants are suspected to be present at the
 site
 Base/Neutral/Acid Organics: Suspected to be present
 Halogenated Organic Compounds: Suspected to be present
 Horizontal Collection Method: 3
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
 Metals - Other non-priority pollutant medals: Suspected to be present
 Polychlorinated biPhenyls (PCBs): Not reported
 Pesticides: Suspected to be present
 Petroleum Products: Not reported
 Phenolic Compounds: Not reported
 Non-Halogenated Solvents: Not reported
 Dioxin: Not reported
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported
 Reactive Wastes: Not reported
 Corrosive Wastes: Not reported
 Radioactive Wastes: Not reported
 Asbestos: Not reported
 Conventional Contaminants, Organic: Not reported
 Conventional Contaminants, Inorganic: Not reported

UST:

Facility ID: 972
 Install Date: 12/31/64 00:00:00
 Capacity: 111 to 1,100 Gallons
 Status: Removed
 Tank Name: 1
 Tank Material: Steel-Unprotected
 Substance: LEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

D17
 SE
 1/8-1/4
 822
 Higher

1016 14TH ST 12TH ST PIER
 1016 14TH ST 12TH ST PIER
 EVERETT, WA 98201
 Site 7 of 7 in cluster D

ERNS 93335561
 N/A

B18
 WSW
 1/8-1/4
 832
 Higher

EVERETT ENGINEERING BLDG M 11
 800 BLOCK OF 13TH ST
 EVERETT, WA 98201
 Site 3 of 3 in cluster B

RCRIS-SQG 1000838468
 FINDS WAD988512539

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

EVERETT ENGINEERING BLDG M 11 (Continued)

1000838468

RCRIS:

Owner: EVERETT ENGINEERING BLDG M11
(360) 555-1212
Contact: JOHN HARTLE
(425) 259-3117
Record Date: Not reported
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

19
ESE
1/8-1/4
971
Higher

AMERICAN BOILER WORKS INC
1332 W MARINE VIEW DR
EVERETT, WA 98201

RCRIS-SQG 1000360918
FINDS WAD009273194
TRIS
FTTS

FTTS:

Case Number: Not reported
Docket Number: 10-95-096-EPCRA
Complaint Issued: 09/20/1995
Complaint Closed: 01/11/1996
Abatement Amt: 0
Proposed Penalty: 13660
Final Assessment: 6062
Final Order Date: 01/11/1996
Close Date: 01/11/1996

FTTS:

Region: 10
Inspected Date: 01/18/1995
Insp Number: 01/18/1995
Violation occurred: Yes
Inspector: WONG
Investigation Type: EPCRA, Enforcement, Federal Conducted
Facility Function: Manufacturer
Investig Reason: Neutral Scheme, Region
Legislation Code: EPCRA

RCRIS:

Owner: AMERICAN BOILER WORKS INC
(425) 259-0834
Contact: MARK ACKERSON
(425) 259-0834
Record Date: 12/31/1999
Classification: Small Quantity Generator

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EPA ID Number

AMERICAN BOILER WORKS INC (Continued)

1000360918

Used Oil Recyc: No
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Enforcement Docket System (DOCKET)
 National Compliance Database (NCDB)

E20 ENE 1/8-1/4 982 Higher	1208 WEST MARINE VIEW DR 1208 WEST MARINE VIEW DR EVERETT, WA 98201 Site 1 of 2 in cluster E	ERNS	99637137 N/A
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E21 ENE 1/8-1/4 982 Higher	1208 WEST MARINE VIEW DR 1208 WEST MARINE VIEW DR EVERETT, WA 98201 Site 2 of 2 in cluster E	ERNS	99617329 N/A
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F22 ESE 1/8-1/4 1076 Higher	1402 W MARINE VIEW DR 1402 W MARINE VIEW DR EVERETT, WA 98206 Site 1 of 4 in cluster F	ERNS	93330397 N/A
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F23 ESE 1/8-1/4 1076 Higher	1402 WEST MARINE VIEW DRIVE 1402 WEST MARINE VIEW DRIVE EVERETT, WA Site 2 of 4 in cluster F	ERNS	90173622 N/A
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F24 ESE 1/8-1/4 1076 Higher	EVERETT PORT MARINA SUPPORT SVCS 1402 W MARINE VIEW DR EVERETT, WA 98201 Site 3 of 4 in cluster F	RCRIS-SQG FINDS	1001805458 WAH000001875
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RCRIS:
 Owner: EVERETT PORT
 (425) 259-6001

 Contact: BOB MCCHESENEY
 (425) 259-3164

 Record Date: 12/31/1998
 Classification: Not reported

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
EVERETT PORT MARINA SUPPORT SVCS (Continued)			1001805458
	Used Oil Recyc: No Violation Status: No violations found		
F25 ESE 1/8-1/4 1121 Higher	EVERETT ENGINEERING INC 1420 W MARINE VIEW DR EVERETT, WA 98201 Site 4 of 4 in cluster F RCRIS: Owner: EVERETT ENGINEERING INC Contact: JOHN HARTLE (425) 259-3117 Record Date: 12/31/1998 Classification: Conditionally Exempt Small Quantity Generator Used Oil Recyc: No Violation Status: No violations found	RCRIS-SQG FINDS	1000839070 WAD988519054
G26 NE 1/8-1/4 1179 Higher	CENTRECON, INC 1130 WEST MARINE VIEW DRIVE EVERETT, WA 98201 Site 1 of 2 in cluster G UST: Facility ID: 1963 Install Date: 12/31/64 00:00:00 Capacity: Not reported Status: Removed Tank Name: 1 Tank Material: Steel-Unprotected Substance: Not reported Compartment #: 1 Ecology Region: North Western	UST	U003026179 N/A
G27 NE 1/8-1/4 1179 Higher	AMERON INTL., POLE PROD. DIV. 1130 W. MARINE VIEW DR. EVERETT, WA 98201 Site 2 of 2 in cluster G	FINDS	1002657264 000006747128
H28 NE 1/4-1/2 1546 Higher	TC SYSTEMS INC 1028 W MARINE VIEW DR EVERETT, WA 98201 Site 1 of 2 in cluster H	FINDS RCRIS-LQG	1000138617 WAD088722947

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

TC SYSTEMS INC (Continued)

1000138617

RCRIS:

Owner: Dave Utick
 (323) 663-1261

Contact: LISA PATTERSON
 (425) 258-4055

Record Date: 12/31/1999

Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1997

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	28972.00	D007	73353.00
D008	28972.00	D035	25303.00
F002	459.00	F003	28972.00
F005	28972.00		

Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated: Not reported
 Area of Violation: Generator-All Requirements
 Date Violation Determined: 03/20/1997
 Priority of Violation: Low
 Schedule Date to Achieve Compliance: 05/09/1997
 Actual Date Achieved Compliance: 11/01/1997

Enforcement Action: Written Informal
 Enforcement Action Date: 04/16/1997
 Proposed Monetary Penalty: Not reported
 Final Monetary Penalty: Not reported

Regulation Violated: Not reported
 Area of Violation: Generator-All Requirements
 Date Violation Determined: 03/20/1997
 Priority of Violation: Low
 Schedule Date to Achieve Compliance: 05/09/1997
 Actual Date Achieved Compliance: 11/01/1997

Enforcement Action: Written Informal
 Enforcement Action Date: 04/16/1997
 Proposed Monetary Penalty: Not reported
 Final Monetary Penalty: Not reported

Regulation Violated: Not reported
 Area of Violation: Generator-All Requirements
 Date Violation Determined: 03/20/1997
 Priority of Violation: Low
 Schedule Date to Achieve Compliance: 05/09/1997
 Actual Date Achieved Compliance: 11/01/1997

Enforcement Action: Written Informal
 Enforcement Action Date: 04/16/1997
 Proposed Monetary Penalty: Not reported
 Final Monetary Penalty: Not reported

Regulation Violated: Not reported
 Area of Violation: Generator-All Requirements
 Date Violation Determined: 03/20/1997
 Priority of Violation: Low

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TC SYSTEMS INC (Continued)

1000138617

Schedule Date to Achieve Compliance: 05/09/1997
Actual Date Achieved Compliance: 03/01/1998
Enforcement Action: Written Informal
Enforcement Action Date: 04/16/1997
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported
Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 03/20/1997
Priority of Violation: Low
Schedule Date to Achieve Compliance: 05/09/1997
Actual Date Achieved Compliance: 11/01/1997
Enforcement Action: Written Informal
Enforcement Action Date: 04/16/1997
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported
Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 03/20/1997
Priority of Violation: Low
Schedule Date to Achieve Compliance: 05/09/1997
Actual Date Achieved Compliance: 11/01/1997
Enforcement Action: Written Informal
Enforcement Action Date: 04/16/1997
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported
Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 03/20/1997
Priority of Violation: Low
Schedule Date to Achieve Compliance: 05/09/1997
Actual Date Achieved Compliance: 11/01/1997
Enforcement Action: Written Informal
Enforcement Action Date: 04/16/1997
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported
Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 03/20/1997
Priority of Violation: Low
Schedule Date to Achieve Compliance: 05/09/1997
Actual Date Achieved Compliance: 04/08/1998
Enforcement Action: Written Informal
Enforcement Action Date: 04/16/1997
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported
Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 03/20/1997
Priority of Violation: Low
Schedule Date to Achieve Compliance: 05/09/1997
Actual Date Achieved Compliance: 03/01/1998

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TC SYSTEMS INC (Continued)

1000138617

Enforcement Action: Written Informal
Enforcement Action Date: 04/16/1997
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 03/20/1997
Priority of Violation: Low
Schedule Date to Achieve Compliance: 05/09/1997
Actual Date Achieved Compliance: 03/01/1998

Enforcement Action: Written Informal
Enforcement Action Date: 04/16/1997
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 03/20/1997
Priority of Violation: Low
Schedule Date to Achieve Compliance: 05/09/1997
Actual Date Achieved Compliance: 04/08/1998

Enforcement Action: Written Informal
Enforcement Action Date: 04/16/1997
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 03/20/1997
Priority of Violation: Low
Schedule Date to Achieve Compliance: 05/09/1997
Actual Date Achieved Compliance: 05/26/1997

Enforcement Action: Written Informal
Enforcement Action Date: 04/16/1997
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 06/02/1998
Priority of Violation: Low
Schedule Date to Achieve Compliance: 06/30/1998
Actual Date Achieved Compliance: 06/19/1998

Enforcement Action: Written Informal
Enforcement Action Date: 06/12/1998
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 06/02/1998
Priority of Violation: Low
Schedule Date to Achieve Compliance: 06/30/1998
Actual Date Achieved Compliance: 06/19/1998

Enforcement Action: Written Informal
Enforcement Action Date: 06/12/1998

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

TC SYSTEMS INC (Continued)

1000138617

Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	06/02/1998
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	06/30/1998
Actual Date Achieved Compliance:	06/19/1998
Enforcement Action:	Written Informal
Enforcement Action Date:	06/12/1998
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	06/02/1998
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	06/30/1998
Actual Date Achieved Compliance:	06/19/1998
Enforcement Action:	Written Informal
Enforcement Action Date:	06/12/1998
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	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 Evaluation Inspection (CEI)	Generator-All Requirements	06/19/1998
	Generator-All Requirements	06/19/1998
	Generator-All Requirements	06/19/1998
	Generator-All Requirements	06/19/1998
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	11/01/1997
	Generator-All Requirements	11/01/1997
	Generator-All Requirements	11/01/1997
	Generator-All Requirements	03/01/1998
	Generator-All Requirements	11/01/1997
	Generator-All Requirements	11/01/1997
	Generator-All Requirements	11/01/1997
	Generator-All Requirements	04/08/1998
	Generator-All Requirements	03/01/1998
	Generator-All Requirements	03/01/1998
	Generator-All Requirements	04/08/1998
	Generator-All Requirements	05/26/1997

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

H29 OW GLASS
 NE 1020 10TH ST
 1/4-1/2 EVERETT, WA 98201
 1760
 Higher Site 2 of 2 in cluster H

RCRIS-SQG 1000135796
 FINDS WAD982658197

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

OW GLASS (Continued)

1000135796

RCRIS:

Owner: OW GLASS
 (360) 555-1212

Contact: GREGORY KNIGHT
 (425) 339-2500

Record Date: Not reported

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

30
 NNE
 1/4-1/2
 1940
 Higher

PERFORMANCE MARINE INC
 930 W MARINE VIEW DR
 EVERETT, WA 98201

RCRIS-SQG 1000838866
 FINDS WAD988516704

RCRIS:

Owner: PERFORMANCE MARINE INC
 (360) 555-1212

Contact: WILLIAM HOOK
 (425) 258-9292

Record Date: 12/31/1995

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

I31
 SSE
 1/4-1/2
 2232
 Higher

WA DOT NORTON TERMINAL MV ELWHA
 1710 W MARINE VIEW DR
 EVERETT, WA 98201

RCRIS-SQG 1000658727
 FINDS WAD988483806

Site 1 of 2 in cluster I

RCRIS:

Owner: WA DOT
 (360) 555-1212

Contact: WAYNE CASPER
 (360) 780-3107

Record Date: Not reported

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

I32
 SSE
 1/4-1/2
 2280
 Higher

PORT OF EVERETT MRWF
 1720 W MARINE VIEW DR
 EVERETT, WA 98201

SWF/LF S104179632
 N/A

Site 2 of 2 in cluster I

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PORT OF EVERETT MRWF (Continued)

S104179632

LF:

Facility ID: Not reported
Contact: Not reported
Name Change: Not reported
Ownership: Not reported
Type: Not reported
Company: Not reported
Contact Title: Not reported
Facility Phone: Not reported
Facility Fax: Not reported
Class Code: Not reported
Class: Not reported
Class Comment: Not reported
Class Type: Not reported
Sec/Twn/Rng: Not reported
Status: Not reported
Region: SNOHOMISH
Description: Not reported

33
East
1/4-1/2
2352
Higher

PROVIDENCE GEN MED CTR
1321 COLBY AVE
EVERETT, WA 98201

UST U001124575
N/A

UST:

Facility ID: 6566
Install Date: 1/1/82 00:00:00
Capacity: 5,000 TO 9,999 GALLONS
Status: REMOVED
Tank Name: 1DIESEL
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 6566
Install Date: 12/31/64 00:00:00
Capacity: 2,001 TO 4,999 GALLONS
Status: CLOSED IN PLACE
Tank Name: 2DIESEL
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

34
SSE
1/2-1
3172
Higher

NAVY HOMEPORT/EVERETT
1922 W. MARINE VIEW DR.
EVERETT, WA 98201

WA ICR S104487145
N/A

WA ICR:

Date Ecology Received Report: 04/25/1994
Contaminants Found at Site: Polynuclear aromatic hydrocarbons
Petroleum products
Media Contaminated: Soil
Cause of Contamination: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

NAVY HOMEPORT/EVERETT (Continued)

S104487145

Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 93-23
 County Code: 31.00000
 Contact: Not reported
 Report Title: Not reported

35
 SSE
 1/2-1
 3542
 Higher

**US NAVY STATION EVERETT
 2000 W MARINE VIEW DR
 EVERETT, WA 98201**

**CERCLIS 1000660753
 FINDS WA2170000127
 RCRIS-LQG
 CSCSL**

CERCLIS Classification Data:

Site Incident Category: Not reported
 Ownership Status: Not reported
 Federal Facility: Not reported
 NPL Status: Not reported

CERCLIS Assessment History:

Assessment: DISCOVERY
 Assessment: PRELIMINARY ASSESSMENT
 Completed: 19920416
 Completed: 19950928

CERCLIS Site Status:

High

CERCLIS Alias Name(s):

USNAVY PUGET SOUND NAVAL STA:EVERETT

RCRIS:

Owner: USN
 (425) 304-3463
 Contact: MICHAEL MATTA
 (425) 304-3463
 Record Date: 12/31/1999
 Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1997

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	41141.70	D002	6491.00
D003	3574.00	D005	20100.00
D006	44324.00	D007	63086.00
D008	86671.80	D009	12173.00
D010	23.00	D011	5443.00
D018	11138.00	D025	10.00
D026	4.00	D035	19633.00
D039	4354.50	D040	108.00
F002	724.00	F003	3479.00
F005	1651.00	U002	376.00
U122	10.00	U154	9.00
U162	32.00	U210	2234.00

Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated: Not reported
 Area of Violation: Generator-All Requirements
 Date Violation Determined: 05/24/1996
 Priority of Violation: Low
 Schedule Date to Achieve Compliance: 08/16/1996
 Actual Date Achieved Compliance: 05/28/1996
 Enforcement Action: Written Informal

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

US NAVY STATION EVERETT (Continued)

1000660753

Enforcement Action Date: 05/24/1996
 Proposed Monetary Penalty: Not reported
 Final Monetary Penalty: Not reported
 Regulation Violated: Not reported
 Area of Violation: Generator-All Requirements
 Date Violation Determined: 03/17/1999
 Priority of Violation: Low
 Schedule Date to Achieve Compliance: 05/21/1999
 Actual Date Achieved Compliance: 05/11/1999
 Regulation Violated: Not reported
 Area of Violation: Generator-All Requirements
 Date Violation Determined: 03/17/1999
 Priority of Violation: Low
 Schedule Date to Achieve Compliance: 05/21/1999
 Actual Date Achieved Compliance: 03/17/1999
 Regulation Violated: Not reported
 Area of Violation: Generator-All Requirements
 Date Violation Determined: 03/17/1999
 Priority of Violation: Low
 Schedule Date to Achieve Compliance: 05/21/1999
 Actual Date Achieved Compliance: 05/20/1999

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

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	05/11/1999
	Generator-All Requirements	03/17/1999
	Generator-All Requirements	05/20/1999
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	05/28/1996

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Federal Facility Information System (FFIS)
 National Compliance Database (NCDB)

SHWS:

Facility ID: 2776
 Responsible Unit: NW
 Latitude: 47 59 30
 Longitude: 122 12 51
 Ecology Site Status relative to the MTCA cleanup process:
 Independent Remedial Action
 Independent Site Status - those sites undergoing an independent cleanup:
 Independent Site Assessment of Interim Remedial Action Report received
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
 Not reported
 Affected Media: Ground Water
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
 Horizontal Collection Method: 3
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
 Metals - Other non-priority pollutant medals: Not reported
 Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

US NAVY STATION EVERETT (Continued)

1000660753

Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Confirmed above MTCA cleanup levels
Non-Halogenated Solvents:	Confirmed above MTCA cleanup levels
Dioxin:	Suspected to be present
Polynuclear Aromatic Hydrocarbons (PAH):	Confirmed above MTCA cleanup levels
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Confirmed above MTCA cleanup levels
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2776
Responsible Unit: NW
Latitude: 47 59 30
Longitude: 122 12 51

Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

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

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

Facility ID: 2776
Responsible Unit: NW
Latitude: 47 59 30
Longitude: 122 12 51

Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

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

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

US NAVY STATION EVERETT (Continued)

1000660753

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

Facility ID: 2776
Responsible Unit: NW
Latitude: 47 59 30
Longitude: 122 12 51

Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

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

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

Facility ID: 2776
Responsible Unit: NW
Latitude: 47 59 30
Longitude: 122 12 51

Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

US NAVY STATION EVERETT (Continued)

1000660753

Independent Site Status - those sites undergoing an independent cleanup:
 Independent Site Assessment of Interim Remedial Action Report received
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
 Not reported

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

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

J36
 NE
 1/2-1
 3603
 Higher

CC EVERETT COMMUNITY COLLEGE
 801 WETMORE
 EVERETT, WA 98201

UST U001123099
 LUST N/A

Site 1 of 2 in cluster J

LUST:

Facility ID:	3266	Ecology Region:	North Western
Release ID:	459764	Release Date:	7/15/98 0:00
Release Status:	REPORTED CLEANED UP	Status Date:	7/15/98 0:00
Alternate Name:	Not reported		
Affected Media:	SOIL		

Facility ID:	3266	Ecology Region:	North Western
Release ID:	459764	Release Date:	7/15/98 0:00
Release Status:	CLEANUP STARTED	Status Date:	7/15/98 0:00
Alternate Name:	Not reported		
Affected Media:	SOIL		

Facility ID:	3266	Ecology Region:	North Western
Release ID:	1840	Release Date:	6/5/90 0:00
Release Status:	CLEANUP STARTED	Status Date:	6/1/95 0:00
Alternate Name:	EVERETT COMMUNITY COLLEGE		
Affected Media:	SOIL		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CC EVERETT COMMUNITY COLLEGE (Continued)

U001123099

UST:

Facility ID: 3266
Install Date: 12/31/64 00:00:00
Capacity: Not reported
Status: Exempt
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 3266
Install Date: 12/31/64 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Exempt
Tank Name: 2
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 3266
Install Date: 12/31/64 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 3
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3266
Install Date: 12/31/64 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 4
Tank Material: Steel-Unprotected
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 3266
Install Date: 12/31/64 00:00:00
Capacity: 111 to 1,100 Gallons
Status: Closed in Place
Tank Name: 5
Tank Material: Steel-Unprotected
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

J37 EVERETT COMMUNITY COLLEGE
NE 801 WETMORE AVE
1/2-1 EVERETT, WA 98201
3603
Higher Site 2 of 2 in cluster J

RCRIS-SQG 1000356785
FINDS WAD070974142
FTTS
WA ICR

FTTS:

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

EVERETT COMMUNITY COLLEGE (Continued)

1000356785

Region: 10
Inspected Date: 11/01/1990
Insp Number: 11/01/1990
Violation occurred: No
Inspector: MAULE
Investigation Type: Section 6 PCB State Conducted
Facility Function: User
Investig Reason: Neutral Scheme, Region
Legislation Code: TSCA

RCRIS:

Owner: EVERETT COMMUNITY COLLEGE
Contact: GEORGE OLSON
(425) 388-9113
Record Date: 12/31/1999
Classification: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1997

Waste	Quantity (Lbs)
D001	143.00

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

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

WA ICR:

Date Ecology Received Report: 01/09/1991
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 91-20
County Code: 31.00000
Contact: Not reported
Report Title: Not reported

38
East
1/2-1
4071
Higher

THE ALLEY SHOP
1321 BROADWAY
EVERETT, WA 98201

CSCSL S100080129
N/A

SHWS:

Facility ID: 2730
Responsible Unit: NW
Latitude: 47 59 59
Longitude: 122 12 5
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
5 - Lowest assessed risk to human health and to the environment

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

THE ALLEY SHOP (Continued)

S100080129

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

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

Facility ID: 2730
 Responsible Unit: NW
 Latitude: 47 59 59
 Longitude: 122 12 5

Ecology Site Status relative to the MTCA cleanup process:
 Ranked, Awaiting Remedial Action (RA)
 Independent Site Status - those sites undergoing an independent cleanup:
 Not reported

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

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

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

Facility ID: 2730

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

THE ALLEY SHOP (Continued)

S100080129

Responsible Unit: NW
 Latitude: 47 59 59
 Longitude: 122 12 5
 Ecology Site Status relative to the MTCA cleanup process:
 Ranked, Awaiting Remedial Action (RA)
 Independent Site Status - those sites undergoing an independent cleanup:
 Not reported
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
 5 - Lowest assessed risk to human health and to the environment
 Affected Media: Sediments
 Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations
 or manufacturing processes, certain contaminants are suspected to be present at the
 site
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Not reported
 Horizontal Collection Method: 3
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
 Metals - Other non-priority pollutant medals: Not reported
 Polychlorinated biPhenyls (PCBs): Not reported
 Pesticides: Not reported
 Petroleum Products: Suspected to be present
 Phenolic Compounds: Not reported
 Non-Halogenated Solvents: Suspected to be present
 Dioxin: Not reported
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported
 Reactive Wastes: Not reported
 Corrosive Wastes: Not reported
 Radioactive Wastes: Not reported
 Asbestos: Not reported
 Conventional Contaminants, Organic: Not reported
 Conventional Contaminants, Inorganic: Not reported

39
 East
 1/2-1
 4154
 Higher

EVERETT LAUNDRY
1130 N BROADWAY
EVERETT, WA 98201

RCRIS-SQG 1000892021
FINDS WA0000312983
CSCSL

RCRIS:
 Owner: HYO RYUNG INC
 (206) 762-8096
 Contact: CHONG JU LEE
 (206) 762-8096
 Record Date: 12/31/1998
 Classification: Not reported
 Used Oil Recyc: No
 Violation Status: No violations found

SHWS:
 Facility ID: 45998439
 Responsible Unit: NW
 Latitude: 48 0 8
 Longitude: 122 12 4
 Ecology Site Status relative to the MTCA cleanup process:
 Awaiting Site Hazard Assessment (SHA)
 Independent Site Status - those sites undergoing an independent cleanup:
 Independent Site Assessment of Interim Remedial Action Report received

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EVERETT LAUNDRY (Continued)

1000892021

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

Not reported

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

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

40
 NNE
 1/2-1
 5202
 Higher

NORD DOOR/JELD-WEN OF EVERETT
300 W. MARINE VIEW DR.
EVERETT, WA 98201

WA ICR 1000182531
 CSCSL N/A

SHWS:

Facility ID: 2757
 Responsible Unit: NW
 Latitude: 48 0 57
 Longitude: 122 12 28

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

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

5 - Lowest assessed risk to human health and to the environment

Affected Media: Ground Water

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

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

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

NORD DOOR/JELD-WEN OF EVERETT (Continued)

1000182531

Corrosive Wastes: Not reported
 Radioactive Wastes: Not reported
 Asbestos: Not reported
 Conventional Contaminants, Organic: Not reported
 Conventional Contaminants, Inorganic: Not reported

Facility ID: 2757
 Responsible Unit: NW
 Latitude: 48 0 57
 Longitude: 122 12 28

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

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

5 - Lowest assessed risk to human health and to the environment

Affected Media: Surface Water

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

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

Facility ID: 2757
 Responsible Unit: NW
 Latitude: 48 0 57
 Longitude: 122 12 28

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

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

5 - Lowest assessed risk to human health and to the environment

Affected Media: Air

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

Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
 Horizontal Collection Method: 3
 EPA Priority Pollutants - Metals and Cyanide: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

NORD DOOR/JELD-WEN OF EVERETT (Continued)

1000182531

Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2757
 Responsible Unit: NW
 Latitude: 48 0 57
 Longitude: 122 12 28

Ecology Site Status relative to the MTCA cleanup process:
 Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
 Independent Site Assessment of Interim Remedial Action Report received

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

Affected Media: Soil

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

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

Facility ID: 2757
 Responsible Unit: NW
 Latitude: 48 0 57
 Longitude: 122 12 28

Ecology Site Status relative to the MTCA cleanup process:
 Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
 Independent Site Assessment of Interim Remedial Action Report received

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

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

NORD DOOR/JELD-WEN OF EVERETT (Continued)

1000182531

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

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

WA ICR:

Date Ecology Received Report:	11/13/1991
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-24
County Code:	31.00000
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	02/14/1994
Contaminants Found at Site:	Total petroleum hydrocarbons
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Not reported
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-21
County Code:	31.00000
Contact:	Not reported
Report Title:	Not reported

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WA DOT EVERETT MAINTENANCE FACILITY
709 N BROADWAY
EVERETT, WA 98201

CSCSL S103398303
N/A

SHWS:

Facility ID: 54439972
Responsible Unit: NW
Latitude: 48 0 27
Longitude: 122 11 41
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WA DOT EVERETT MAINTENANCE FACILITY (Continued)

S103398303

Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Soil

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

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

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
EVERETT	99642274	14TH STREET F DOT NORTH	14TH STREET F DOT NORTH	98201	ERNS	
EVERETT	S10258268	PIONEER MARINE PLAZA	17TH ST / W MARINE VIEW DR	98201	CSCSL	2742
EVERETT	1003034822	NAVRESCEN EVERETT WA	23RD ST AND BAYSIDE AVE	98201	FINDS	
EVERETT	U003028874	EVERETT WA LINE SEG 50 PRINTS 460-461	MP.37 2ND SUB PACIFIC DIV	0	UST, LUJST	9415
EVERETT	S104485985	EVERETT TRANSFER DEPOT	3850 / 3862 RAILWAY AVE.	98201	WA ICR	
EVERETT	1001234146	WA DOT SR 529 BRG 10E & 10W	SR 529 MP 3.82 TO 4.84	98201	FINDS, RCRIS-LOG	
EVERETT	98508855	ADJACENT TO THE PORT OF EVERETT PIER 1,3, AND USN CARRIER PI	ADJACENT TO THE PORT OF EVERETT PIER 1,3, AND USN CARRIER PI		ERNS	
EVERETT	1000838420	EVERETT CITY LEGION GOLF COURSE	ALVERSON & W MARINE DR	98201	RCRIS-SQG, FINDS	
EVERETT	93311859	CITY DOCK PIER NO.3 NORTH	CITY DOCK PIER NO.3 NORTH		ERNS	
EVERETT	99619520	Q DOCK N AND Q DOCK S AT EVERETT MARINA	Q DOCK N AND Q DOCK S AT EVERETT MARINA		ERNS	
EVERETT	2000661067	EVERETT MARINA	1720 W MARINE VIEW D		ERNS	
EVERETT	99650289	EVERETT MARINA BERTH Q4	EVERETT MARINA BERTH Q4		ERNS	
EVERETT	98438150	EVERETT MARINA SLIP 50	EVERETT MARINA SLIP 50		ERNS	
EVERETT	S103506575	COLBY SQUARE OLD GAS STATION	EVERETT AND WETMORE	98201	WA ICR	
EVERETT	90176627	INTERSECTION OF 7TH AVE S.E. AND EVERETT MALL WAY	INTERSECTION OF 7TH AVE S.E. AND EVERETT MALL WAY		ERNS	
EVERETT	1002702518	EVERETT BAYSIDE MARINE	JEFF LALONE	98201	FINDS	
EVERETT	90184820	NORTH MARINA F DOCK GATE	NORTH MARINA F DOCK GATE		ERNS	
EVERETT	90181028	NORTH MARINA COMMERCIAL FISHING DOCK PORT OF EVERETT	NORTH MARINA COMMERCIAL FISHING DOCK PORT OF EVERETT		ERNS	
EVERETT	871545	SOUTH MARINA SEC F, 1700 W. MARINE DR	SOUTH MARINA SEC F, 1700 W. MARINE DR		ERNS	
EVERETT	98441581	NORTH MARINA FLOAT N 44	NORTH MARINA FLOAT N 44		ERNS	
EVERETT	2000855183	MARINE VIEW DRIVE NORTH SECTION	MARINE VIEW DRIVE NORTH SECTION		ERNS	
EVERETT	97415881	2000 WEST MARINE VIEW DRIVE PORT GARDNER BAY	2000 WEST MARINE VIEW DRIVE PORT GARDNER BAY		ERNS	
EVERETT	98450217	2000 WEST MARINE VIEW DR PIER A PORT GARDNER BAY	2000 WEST MARINE VIEW DR PIER A PORT GARDNER BAY		ERNS	
EVERETT	S103506512	CITY OF EVERETT NORTHEAST VIEW PARK	E. MARINE VIEW DR. (BETWEEN BUTLER AND 8TH ST.)	98201	WA ICR	
EVERETT	S103504805	EAST MARINE VIEW DR. & LEGION MEMORIAL GOLF COURSE	E. MARINE VIEW DR.	98201	WA ICR	
EVERETT	S104485251	RIVERSIDE INDUSTRIAL PARK	515 E. MARINE DR.	98206	WA ICR	
EVERETT	99612091	NAVAL STATION MARINA	NAVAL STATION MARINA		ERNS	
EVERETT	92278274	NEAR 5307 S. 3RD AVE EAST EVERETT -5100 S. 1ST AVE	NEAR 5307 S. 3RD AVE EAST EVERETT -5100 S. 1ST AVE		ERNS	
EVERETT	1001126020	WDOE NRO PAINE FIELD PLANE CRASH	E OF 39TH AVE SW & SR 526 N SH	98201	RCRIS-SQG, FINDS	
EVERETT	96512285	PIER ALPHA NAVSTA EVERETT	PIER ALPHA NAVSTA EVERETT		ERNS	
EVERETT	96504107	PIER ALPHA USN STATION EVERETT	PIER ALPHA USN STATION EVERETT		ERNS	
EVERETT	96517197	PORT OF EVERETT DOCK H19 SOUTH	PORT OF EVERETT DOCK H19 SOUTH		ERNS	
EVERETT	96517120	PORT GARDNER BAY NAVSTA EVERETT-PIER ALPHA	PORT GARDNER BAY NAVSTA EVERETT-PIER ALPHA		ERNS	

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
EVERETT	96516110	PORT GARDNER BAY, NAVSTA, OFF PIER ALPHA	PORT GARDNER BAY, NAVSTA, OFF PIER ALPI		ERNS	
EVERETT	93351082	PORT OF EVERETT 13TH STREET SLIP NO.NWA10	PORT OF EVERETT 13TH STREET SLIP NO.NWA10		ERNS	
EVERETT	93337322	PORT OF EVERETT MARINA	PORT OF EVERETT MARINA		ERNS	
EVERETT	93331453	PORT OF EVERETT PIER 3 SOUTH	PORT OF EVERETT PIER 3 SOUTH		ERNS	
EVERETT	91231838	PORT OF EVERETT MARINA	PORT OF EVERETT MARINA		ERNS	
EVERETT	91200328	PORT OF EVERETT MARINA	PORT OF EVERETT MARINA		ERNS	
EVERETT	90164917	PORT OF EVERETT WEST OF SCOTT PAPER MILL	PORT OF EVERETT WEST OF SCOTT PAPER IV		ERNS	
EVERETT	99628701	PORT OF EVERETT MARINA	PORT OF EVERETT MARINA		ERNS	
EVERETT	99610618	PORT OF EVERETT MARINA	PORT OF EVERETT MARINA		ERNS	
EVERETT	97408858	PORT OF EVERETT MARINA	PORT OF EVERETT MARINA		ERNS	
EVERETT	98462126	PORT OF EVERETT	PORT OF EVERETT		ERNS	
EVERETT	99637500	PORT GARDNER	PORT GARDNER		ERNS	
EVERETT	99638644	PORT OF EVERETT MARINA SLIP F32 SOUTH	PORT OF EVERETT MARINA SLIP F32 SOUTH		ERNS	
EVERETT	99618397	PORT OF EVERETT MARINA	PORT OF EVERETT MARINA		ERNS	
EVERETT	98435775	PORT OF EVERETT MARINA DOCK I	PORT OF EVERETT MARINA DOCK I		ERNS	
EVERETT	S104484613	UNOCAL #6943	1502 1/2 S. EVERETT MALL	98204	WA ICR	
EVERETT	90191056	SEVERAL LOCATIONS IN EVERETT	SEVERAL LOCATIONS IN EVERETT		ERNS	
EVERETT	S103511239	Y & F PROPERTY	3200 ST./RUCKER AVE.	98201	WA ICR	
EVERETT	98436103	STEAMBOAT SLOUGH 2ND MARINA	STEAMBOAT SLOUGH 2ND MARINA		ERNS	
EVERETT	1000885214	EVERETT PORT MARINE TERMINAL	3500 TERMINAL AVE	98201	RCRIS-SQG, FINDS	
EVERETT	96508719	USN NAVAL STA EVERETT PIER A	USN NAVAL STA EVERETT PIER A		ERNS	
EVERETT	92270008	VISITOR PIER AT EVERETT HARBOR YACHT CLUB	VISITOR PIER AT EVERETT HARBOR YACHT CLUB		ERNS	
EVERETT	1003034880	EVERETT, CITY OF	WASTEWATER TREATMENT PLANT		FINDS	

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
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14TH STREET F DOT NORTH
14TH STREET F DOT NORTH
EVERETT, WA 98201

ERNS 99642274
N/A

PIONEER MARINE PLAZA
17TH ST / W MARINE VIEW DR
EVERETT, WA 98201

CSCSL S102258268
N/A

SHWS:

Facility ID: 2742
Responsible Unit: NW
Latitude: 47 59 42
Longitude: 122 12 50

Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)

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

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

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

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

Facility ID: 2742
Responsible Unit: NW
Latitude: 47 59 42
Longitude: 122 12 50

Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)

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

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

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

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Not reported

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
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PIONEER MARINE PLAZA (Continued)		S102258268
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Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2742
 Responsible Unit: NW
 Latitude: 47 59 42
 Longitude: 122 12 50

Ecology Site Status relative to the MTCA cleanup process:
 Awaiting Site Hazard Assessment (SHA)
 Independent Site Status - those sites undergoing an independent cleanup:
 Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
 Not reported

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

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

Facility ID: 2742
 Responsible Unit: NW
 Latitude: 47 59 42
 Longitude: 122 12 50

Ecology Site Status relative to the MTCA cleanup process:
 Awaiting Site Hazard Assessment (SHA)
 Independent Site Status - those sites undergoing an independent cleanup:
 Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
 Not reported

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
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PIONEER MARINE PLAZA (Continued)		S102258268
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Affected Media: Sediments
 Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

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

NAVRESCEN EVERETT WA
 23RD ST AND BAYSIDE AVE
 EVERETT, WA 98201

FINDS 1003034822
 WA5170022979

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Federal Facility Information System (FFIS)

EVERETT WA LINE SEG 50 PRINTS 460-461
 MP.37 2ND SUB PACIFIC DIV
 EVERETT, WA 0

UST U003028874
 LUST N/A

UST:

Facility ID:	9415
Install Date:	12/31/64 00:00:00
Capacity:	Not reported
Status:	REMOVED
Tank Name:	EVE-6
Tank Material:	Not reported
Substance:	Not reported
Compartment #:	1
Ecology Region:	North Western

Facility ID:	9415
Install Date:	12/31/64 00:00:00
Capacity:	Not reported
Status:	REMOVED
Tank Name:	EVE-5
Tank Material:	Not reported
Substance:	HEATING FUEL
Compartment #:	1
Ecology Region:	North Western

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number	EPA ID Number
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EVERETT WA LINE SEG 50 PRINTS 460-461 (Continued)

U003028874

Facility ID: 9415
 Install Date: 12/31/64 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 1
 Tank Material: Steel-Unprotected
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 9415
 Install Date: 12/31/64 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 2
 Tank Material: Steel-Unprotected
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 9415
 Install Date: 12/31/64 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 4
 Tank Material: Steel-Unprotected
 Substance: Not reported
 Compartment #: 1
 Ecology Region: North Western

Facility ID: 9415
 Install Date: 12/31/64 00:00:00
 Capacity: Not reported
 Status: Removed
 Tank Name: 3
 Tank Material: Steel-Unprotected
 Substance: LEADED GASOLINE
 Compartment #: 1
 Ecology Region: North Western

LUST:

Facility ID:	9415	Ecology Region:	North Western
Release ID:	2153	Release Date:	4/3/91 0:00
Release Status:	CLEANUP STARTED	Status Date:	6/1/95 0:00
Alternate Name:	BURLINGTON NORTHERN RR EVERETT		
Affected Media:	SOIL		

Facility ID:	9415	Ecology Region:	North Western
Release ID:	2153	Release Date:	4/3/91 0:00
Release Status:	CLEANUP STARTED	Status Date:	6/1/95 0:00
Alternate Name:	BURLINGTON NORTHERN RR EVERETT		
Affected Media:	GROUND WATER		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
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EVERETT TRANSFER DEPOT
3850 / 3862 RAILWAY AVE.
EVERETT, WA 98201

WA ICR S104485985
N/A

WA ICR:
 Date Ecology Received Report: 04/24/2000
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Soil
 Cause of Contamination: Spill
 Region: North Western
 Type of Report Ecology Received: Final cleanup report
 Site Register Issue: 98-25
 County Code: 31.00000
 Contact: Not reported
 Report Title: Not reported

WA DOT SR 529 BRG 10E & 10W
SR 529 MP 3.82 TO 4.84
EVERETT, WA 98201

FINDS 1001234146
RCRIS-LQG WAH000005603

RCRIS:
 Owner: WA DOT
 (206) 768-5713
 Contact: STEPHEN STRASSMAN
 (206) 768-5713
 Record Date: 12/31/1998
 Classification: Large Quantity Generator
 Used Oil Recyc: No
 Violation Status: No violations found

ADJACENT TO THE PORT OF EVERETT PIER 1,3, AND USN CARRIER PI
ADJACENT TO THE PORT OF EVERETT PIER 1,3, AND USN CARRIER PI
EVERETT, WA

ERNS 96508855
N/A

EVERETT CITY LEGION GOLF COURSE
ALVERSON & W MARINE DR
EVERETT, WA 98201

RCRIS-SQG 1000838420
FINDS WAD988512018

RCRIS:
 Owner: EVERETT CITY
 (425) 259-0300
 Contact: BARRY MARTIN
 (425) 257-0300
 Record Date: 08/13/1997
 Classification: Not reported

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
EVERETT CITY LEGION GOLF COURSE (Continued) Used Oil Recyc: No Violation Status: No violations found		1000838420
CITY DOCK PIER NO.3 NORTH CITY DOCK PIER NO.3 NORTH EVERETT, WA	ERNS	93311859 N/A
Q DOCK N AND Q DOCK S AT EVERETT MARINA 1720 W MARINE VIEW D Q DOCK N AND Q DOCK S AT EVERETT MARINA 1720 W MARINE VIEW D EVERETT, WA	ERNS	99619520 N/A
EVERETT MARINA EVERETT MARINA EVERETT, WA	ERNS	2000661067 N/A
EVERETT MARINA BERTH Q4 EVERETT MARINA BERTH Q4 EVERETT, WA	ERNS	99650289 N/A
EVERETT MARINA SLIP 50 EVERETT MARINA SLIP 50 EVERETT, WA	ERNS	98438150 N/A
COLBY SQUARE OLD GAS STATION EVERETT AND WETMORE EVERETT, WA 98201	WA ICR	S103506575 N/A
WA ICR: Date Ecology Received Report: 03/31/1995 Contaminants Found at Site: Petroleum products Media Contaminated: Soil Cause of Contamination: Tank Region: North Western Type of Report Ecology Received: Interim cleanup report Site Register Issue: 94-03 County Code: 31.00000 Contact: Not reported Report Title: Not reported Date Ecology Received Report: 12/09/1991 Contaminants Found at Site: Petroleum products Media Contaminated: Soil Cause of Contamination: Tank Region: North Western Type of Report Ecology Received: Interim cleanup report Site Register Issue: 92-13 County Code: 31.00000 Contact: Not reported Report Title: Not reported		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
INTERSECTION OF 7TH AVE S.E. AND EVERETT MALL WAY INTERSECTION OF 7TH AVE S.E. AND EVERETT MALL WAY EVERETT, WA	ERNS	90176627 N/A
EVERETT BAYSIDE MARINE JEFF LALONE EVERETT, WA 98201 FINDS: Other Pertinent Environmental Activity Identified at Site: Permit Compliance System (PCS)	FINDS	1002702518 000007957624
NORTH MARINA F DOCK GATE NORTH MARINA F DOCK GATE EVERETT, WA	ERNS	90184820 N/A
NORTH MARINA COMMERCIAL FISHING DOCK PORT OF EVERETT NORTH MARINA COMMERCIAL FISHING DOCK PORT OF EVERETT EVERETT, WA	ERNS	90181028 N/A
SOUTH MARINA SEC F, 1700 W. MARINE DR SOUTH MARINA SEC F, 1700 W. MARINE DR EVERETT, WA	ERNS	871545 N/A
NORTH MARINA FLOAT N 44 NORTH MARINA FLOAT N 44 EVERETT, WA	ERNS	98441581 N/A
MARINE VIEW DRIVE NORTH SECTION MARINE VIEW DRIVE NORTH SECTION EVERETT, WA	ERNS	2000655183 N/A
2000 WEST MARINE VIEW DRIVE PORT GARDNER BAY 2000 WEST MARINE VIEW DRIVE PORT GARDNER BAY EVERETT, WA	ERNS	97415881 N/A
2000 WEST MARINE VIEW DR PIER A PORT GARDNER BAY 2000 WEST MARINE VIEW DR PIER A PORT GARDNER BAY EVERETT, WA	ERNS	98450217 N/A
CITY OF EVERETT NORTHEAST VIEW PARK E. MARINE VIEW DR. (BETWEEN BUTLER AND 8TH ST.) EVERETT, WA 98201 WA ICR: Date Ecology Received Report: 06/11/1993 Contaminants Found at Site: Metals Petroleum products Media Contaminated: Soil Cause of Contamination: Not reported Region: North Western Type of Report Ecology Received: Interim cleanup report	WA ICR	S103506512 N/A

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
CITY OF EVERETT NORTHEAST VIEW PARK (Continued)		S103506512
Site Register Issue: 93-05 County Code: 31.00000 Contact: Not reported Report Title: Not reported		
EAST MARINE VIEW DR. & LEGION MEMORIAL GOLF COURSE	WA ICR	S103504805
E. MARINE VIEW DR.		N/A
EVERETT, WA 98201		
WA ICR: Date Ecology Received Report: 12/21/1998 Contaminants Found at Site: Metals Media Contaminated: Soil Cause of Contamination: Not reported Region: North Western Type of Report Ecology Received: Final cleanup report Site Register Issue: 98-10 County Code: 31.00000 Contact: Not reported Report Title: Not reported		
RIVERSIDE INDUSTRIAL PARK	WA ICR	S104485251
515 E. MARINE DR.		N/A
EVERETT, WA 98206		
WA ICR: Date Ecology Received Report: Not reported Contaminants Found at Site: Metals Pesticides Petroleum products Media Contaminated: Not reported Cause of Contamination: Not reported Region: North Western Type of Report Ecology Received: Not reported Site Register Issue: Not reported County Code: 31.00000 Contact: Not reported Report Title: Not reported		
NAVAL STATION MARINA	ERNS	99612091
NAVAL STATION MARINA		N/A
EVERETT, WA		
NEAR 5307 S. 3RD AVE EAST EVERETT ~5100 S. 1ST AVE	ERNS	92278274
NEAR 5307 S. 3RD AVE EAST EVERETT ~5100 S. 1ST AVE		N/A
EVERETT, WA		
WDOE NRO PAINE FIELD PLANE CRASH	RCRIS-SQG	1001126020
E OF 39TH AVE SW & SR 526 N SH	FINDS	WAR000010934
EVERETT, WA 98201		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
WDOE NRO PAINE FIELD PLANE CRASH (Continued)		1001126020
RCRIS: Owner: WA ECY (360) 555-1212 Contact: DICK STOREY (425) 649-7116 Record Date: 10/29/1999 Classification: Not reported Used Oil Recyc: No Violation Status: No violations found		
PIER ALPHA NAVSTA EVERETT PIER ALPHA NAVSTA EVERETT EVERETT, WA	ERNS	96512285 N/A
PIER ALPHA USN STATION EVERETT PIER ALPHA USN STATION EVERETT EVERETT, WA	ERNS	96504107 N/A
PORT OF EVERETT DOCK H19 SOUTH PORT OF EVERETT DOCK H19 SOUTH EVERETT, WA	ERNS	96517197 N/A
PORT GARDNER BAY NAVSTA EVERETT-PIER ALPHA PORT GARDNER BAY NAVSTA EVERETT-PIER ALPHA EVERETT, WA	ERNS	96517120 N/A
PORT GARDNER BAY, NAVSTA, OFF PIER ALPHA PORT GARDNER BAY, NAVSTA, OFF PIER ALPHA EVERETT, WA	ERNS	96516110 N/A
PORT OF EVERETT 13TH STREET SLIP NO.NWA10 PORT OF EVERETT 13TH STREET SLIP NO.NWA10 EVERETT, WA	ERNS	93351082 N/A
PORT OF EVERETT MARINA PORT OF EVERETT MARINA EVERETT, WA	ERNS	93337322 N/A
PORT OF EVERETT PIER 3 SOUTH PORT OF EVERETT PIER 3 SOUTH EVERETT, WA	ERNS	93331453 N/A

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
PORT OF EVERETT MARINA PORT OF EVERETT MARINA EVERETT, WA	ERNS	91231838 N/A
PORT OF EVERETT MARINA PORT OF EVERETT MARINA EVERETT, WA	ERNS	91200328 N/A
PORT OF EVERETT WEST OF SCOTT PAPER MILL PORT OF EVERETT WEST OF SCOTT PAPER MILL EVERETT, WA	ERNS	90164917 N/A
PORT OF EVERETT MARINA PORT OF EVERETT MARINA EVERETT, WA	ERNS	99628701 N/A
PORT OF EVERETT MARINA PORT OF EVERETT MARINA EVERETT, WA	ERNS	99610618 N/A
PORT OF EVERETT MARINA PORT OF EVERETT MARINA EVERETT, WA	ERNS	97408858 N/A
PORT OF EVERETT PORT OF EVERETT EVERETT, WA	ERNS	98462126 N/A
PORT GARDENER PORT GARDENER EVERETT, WA	ERNS	99637500 N/A
PORT OF EVERETT MARINA SLIP F32 SOUTH PORT OF EVERETT MARINA SLIP F32 SOUTH EVERETT, WA	ERNS	99638644 N/A
PORT EVERETT MARINA PORT EVERETT MARINA EVERETT, WA	ERNS	99618397 N/A
PORT OF EVERETT MARINA DOCK I PORT OF EVERETT MARINA DOCK I EVERETT, WA	ERNS	98435775 N/A

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
UNOCAL #6943 1502 1/2 S. EVERETT MALL EVERETT, WA 98204	WA ICR	S104484613 N/A
WA ICR:		
Date Ecology Received Report:	06/24/1997	
Contaminants Found at Site:	Petroleum products	
Media Contaminated:	Groundwater, Soil	
Cause of Contamination:	Tank	
Region:	North Western	
Type of Report Ecology Received:	Interim cleanup report	
Site Register Issue:	95-02	
County Code:	31.00000	
Contact:	Not reported	
Report Title:	Not reported	
Date Ecology Received Report:	02/03/1998	
Contaminants Found at Site:	Petroleum products	
Media Contaminated:	Groundwater, Soil	
Cause of Contamination:	Tank	
Region:	North Western	
Type of Report Ecology Received:	Interim cleanup report	
Site Register Issue:	95-18	
County Code:	31.00000	
Contact:	Not reported	
Report Title:	Not reported	
Date Ecology Received Report:	07/21/1998	
Contaminants Found at Site:	Petroleum products	
Media Contaminated:	Groundwater, Soil	
Cause of Contamination:	Tank	
Region:	North Western	
Type of Report Ecology Received:	Interim cleanup report	
Site Register Issue:	98-06	
County Code:	31.00000	
Contact:	Not reported	
Report Title:	Not reported	
Date Ecology Received Report:	05/04/1999	
Contaminants Found at Site:	Petroleum products	
Media Contaminated:	Groundwater, Soil	
Cause of Contamination:	Tank	
Region:	North Western	
Type of Report Ecology Received:	Interim cleanup report	
Site Register Issue:	98-15	
County Code:	31.00000	
Contact:	Not reported	
Report Title:	Not reported	
Date Ecology Received Report:	05/06/1999	
Contaminants Found at Site:	Petroleum products	
Media Contaminated:	Groundwater, Soil	
Cause of Contamination:	Tank	
Region:	North Western	
Type of Report Ecology Received:	Interim cleanup report	
Site Register Issue:	98-15	
County Code:	31.00000	
Contact:	Not reported	
Report Title:	Not reported	

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
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UNOCAL #6943 (Continued)

S104484613

Date Ecology Received Report: 11/17/1999
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Groundwater, Soil
 Cause of Contamination: Tank
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 98-21
 County Code: 31.00000
 Contact: Not reported
 Report Title: Not reported

Date Ecology Received Report: 12/29/1999
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Groundwater, Soil
 Cause of Contamination: Tank
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 98-23
 County Code: 31.00000
 Contact: Not reported
 Report Title: Not reported

Date Ecology Received Report: 03/16/2000
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Groundwater, Soil
 Cause of Contamination: Tank
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 98-24
 County Code: 31.00000
 Contact: Not reported
 Report Title: Not reported

Date Ecology Received Report: 04/11/2000
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Groundwater, Soil
 Cause of Contamination: Tank
 Region: North Western
 Type of Report Ecology Received: Not reported
 Site Register Issue: 98-25
 County Code: 31.00000
 Contact: Not reported
 Report Title: Not reported

Date Ecology Received Report: 05/24/1993
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Groundwater
 Cause of Contamination: Tank
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 93-02
 County Code: 31.00000
 Contact: Not reported
 Report Title: Not reported

Date Ecology Received Report: 08/08/1994

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
UNOCAL #6943 (Continued)		S104484613
<p>Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil Cause of Contamination: Tank Region: North Western Type of Report Ecology Received: Interim cleanup report Site Register Issue: 94-03 County Code: 31.00000 Contact: Not reported Report Title: Not reported</p>		
<p>Date Ecology Received Report: 05/05/1992 Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater Cause of Contamination: Tank Region: North Western Type of Report Ecology Received: Interim cleanup report Site Register Issue: 92-35 County Code: 31.00000 Contact: Not reported Report Title: Not reported</p>		
<p>Date Ecology Received Report: 08/09/1995 Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil Cause of Contamination: Tank Region: North Western Type of Report Ecology Received: Interim cleanup report Site Register Issue: 94-07 County Code: 31.00000 Contact: Not reported Report Title: Not reported</p>		
<p>Date Ecology Received Report: Not reported Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater Cause of Contamination: Tank Region: North Western Type of Report Ecology Received: Interim cleanup report Site Register Issue: 92-40 County Code: 31.00000 Contact: Not reported Report Title: Not reported</p>		
<p>Date Ecology Received Report: 04/30/1991 Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil Cause of Contamination: Tank Region: North Western Type of Report Ecology Received: Not reported Site Register Issue: 91-28 County Code: 31.00000 Contact: Not reported Report Title: Not reported</p>		
<p>Date Ecology Received Report: 11/12/1991 Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil</p>		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
UNOCAL #6943 (Continued)		S104484613
Cause of Contamination: Tank Region: North Western Type of Report Ecology Received: Interim cleanup report Site Register Issue: 92-11 County Code: 31.00000 Contact: Not reported Report Title: Not reported		
Date Ecology Received Report: 01/26/1994 Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil Cause of Contamination: Tank Region: North Western Type of Report Ecology Received: Interim cleanup report Site Register Issue: 93-21 County Code: 31.00000 Contact: Not reported Report Title: Not reported		
Date Ecology Received Report: 07/12/1993 Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil Cause of Contamination: Tank Region: North Western Type of Report Ecology Received: Interim cleanup report Site Register Issue: 93-06 County Code: 31.00000 Contact: Not reported Report Title: Not reported		
Date Ecology Received Report: 02/06/1996 Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil Cause of Contamination: Tank Region: North Western Type of Report Ecology Received: Interim cleanup report Site Register Issue: 94-31 County Code: 31.00000 Contact: Not reported Report Title: Not reported		
Date Ecology Received Report: 08/30/1996 Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil Cause of Contamination: Tank Region: North Western Type of Report Ecology Received: Interim cleanup report Site Register Issue: 94-41 County Code: 31.00000 Contact: Not reported Report Title: Not reported		
Date Ecology Received Report: 11/14/1996 Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil Cause of Contamination: Tank Region: North Western		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
UNOCAL #6943 (Continued)		S104484613
Type of Report Ecology Received:	Interim cleanup report	
Site Register Issue:	94-44	
County Code:	31.00000	
Contact:	Not reported	
Report Title:	Not reported	
Date Ecology Received Report:	01/30/1997	
Contaminants Found at Site:	Petroleum products	
Media Contaminated:	Groundwater, Soil	
Cause of Contamination:	Tank	
Region:	North Western	
Type of Report Ecology Received:	Interim cleanup report	
Site Register Issue:	94-50	
County Code:	31.00000	
Contact:	Not reported	
Report Title:	Not reported	
Date Ecology Received Report:	08/04/2000	
Contaminants Found at Site:	Petroleum products	
Media Contaminated:	Groundwater, Soil	
Cause of Contamination:	Tank	
Region:	North Western	
Type of Report Ecology Received:	Interim cleanup report	
Site Register Issue:	98-28	
County Code:	31.00000	
Contact:	Not reported	
Report Title:	May 2000 Quarterly Ground Water Monitoring	
Date Ecology Received Report:	09/27/2000	
Contaminants Found at Site:	Petroleum products	
Media Contaminated:	Groundwater, Soil	
Cause of Contamination:	Tank	
Region:	North Western	
Type of Report Ecology Received:	Interim cleanup report	
Site Register Issue:	98-32	
County Code:	31.00000	
Contact:	Not reported	
Report Title:	8/2000 Quarterly Ground Water Monitoring	

**SEVERAL LOCATIONS IN EVERETT
SEVERAL LOCATIONS IN EVERETT
EVERETT, WA**

**ERNS 90191056
N/A**

**Y & F PROPERTY
3200 ST./RUCKER AVE.
EVERETT, WA 98201**

**WA ICR S103511239
N/A**

WA ICR:
Date Ecology Received Report: 12/23/1992
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-47
County Code: 31.00000
Contact: Not reported

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
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Y & F PROPERTY (Continued)		S103511239
Report Title: Not reported		

STEAMBOAT SLOUGH 2ND MARINA STEAMBOAT SLOUGH 2ND MARINA EVERETT, WA	ERNS	98436103 N/A
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EVERETT PORT MARINE TERMINAL 3500 TERMINAL AVE EVERETT, WA 98201	RCRIS-SQG FINDS	1000885214 WAD063365092
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RCRIS:

Owner: EVERETT PORT
(425) 259-6001

Contact: DAVID CAVANAUGH
(360) 388-0691

Record Date: 12/20/1999

Classification: Not reported

Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	07/10/1997
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	07/10/1997
Actual Date Achieved Compliance:	07/10/1997
Enforcement Action:	Written Informal
Enforcement Action Date:	07/10/1997
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported

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

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	07/10/1997

USN NAVAL STA EVERETT PIER A USN NAVAL STA EVERETT PIER A EVERETT, WA	ERNS	96508719 N/A
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VISITOR PIER AT EVERETT HARBOR YACHT CLUB VISITOR PIER AT EVERETT HARBOR YACHT CLUB EVERETT, WA	ERNS	92270008 N/A
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DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number
		EPA ID Number
EVERETT, CITY OF WASTEWATER TREATMENT PLANT EVERETT, WA	FINDS	1003034880 WAD000800920

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Permit Compliance System (PCS)

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.
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D010	SELENIUM
D011	SILVER
D018	BENZENE
D025	P-CRESOL
D026	CRESOL
D035	METHYL ETHYL KETONE
D039	TETRACHLOROETHYLENE
D040	TRICHLOROETHYLENE
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, TRICHLOROFUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT

EPA Waste Codes Addendum

Code	Description
	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.
U002	ACETONE (I)
U002	2-PROPANONE (I)
U122	FORMALDEHYDE
U154	METHANOL (I)
U154	METHYL ALCOHOL (I)
U162	METHYL METHACRYLATE (I,T)
U162	2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T)
U210	ETHENE, TETRACHLORO-
U210	TETRACHLOROETHYLENE

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

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

Date of Government Version: 01/23/01

Date Made Active at EDR: 02/16/01

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/05/01

Elapsed ASTM days: 11

Date of Last EDR Contact: 05/07/01

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 01/23/01

Date Made Active at EDR: 02/16/01

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/05/01

Elapsed ASTM days: 11

Date of Last EDR Contact: 05/07/01

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

Source: EPA

Telephone: 703-413-0223

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

Date of Government Version: 03/16/01

Date Made Active at EDR: 04/30/01

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/26/01

Elapsed ASTM days: 35

Date of Last EDR Contact: 03/26/01

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

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

Date of Government Version: 03/16/01

Date Made Active at EDR: 04/30/01

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/26/01

Elapsed ASTM days: 35

Date of Last EDR Contact: 03/26/01

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/20/00
Date Made Active at EDR: 08/01/00
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/12/00
Elapsed ASTM days: 50
Date of Last EDR Contact: 06/12/01

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS
Telephone: 800-424-9346

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

Date of Government Version: 06/21/00
Date Made Active at EDR: 07/31/00
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 07/10/00
Elapsed ASTM days: 21
Date of Last EDR Contact: 05/29/01

ERNS: Emergency Response Notification System

Source: EPA/NTIS
Telephone: 202-260-2342

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

Date of Government Version: 08/08/00
Date Made Active at EDR: 09/06/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 08/11/00
Elapsed ASTM days: 26
Date of Last EDR Contact: 04/19/01

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS
Telephone: 800-424-9346

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

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

Date of Last EDR Contact: 03/19/01
Date of Next Scheduled EDR Contact: 06/18/01

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices
Telephone: Varies

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

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision

Source: NTIS
Telephone: 703-416-0223

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

Date of Government Version: 09/30/99
Database Release Frequency: Annually

Date of Last EDR Contact: 04/10/01
Date of Next Scheduled EDR Contact: 07/09/01

DELISTED NPL: National Priority List Deletions

Source: EPA
Telephone: N/A

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/23/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/07/01
Date of Next Scheduled EDR Contact: 08/06/01

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

Source: EPA
Telephone: N/A

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

Date of Government Version: 07/07/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/09/01
Date of Next Scheduled EDR Contact: 07/09/01

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4526

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

Date of Government Version: 05/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 04/24/01
Date of Next Scheduled EDR Contact: 07/23/01

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

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

Date of Government Version: 01/30/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/09/01
Date of Next Scheduled EDR Contact: 07/09/01

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 08/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/02/01
Date of Next Scheduled EDR Contact: 07/02/01

NPL LIENS: Federal Superfund Liens

Source: EPA
Telephone: 205-564-4267

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

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/23/01
Date of Next Scheduled EDR Contact: 08/20/01

PADS: PCB Activity Database System

Source: EPA
Telephone: 202-260-3936

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

Date of Government Version: 12/11/00
Database Release Frequency: Annually

Date of Last EDR Contact: 05/18/01
Date of Next Scheduled EDR Contact: 08/13/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

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

Date of Government Version: 04/17/95

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/11/01

Date of Next Scheduled EDR Contact: 09/10/01

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-260-1531

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

Date of Government Version: 12/31/97

Database Release Frequency: Annually

Date of Last EDR Contact: 03/26/01

Date of Next Scheduled EDR Contact: 06/25/01

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-1444

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

Date of Government Version: 12/31/98

Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 04/24/01

Date of Next Scheduled EDR Contact: 07/23/01

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

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: 08/30/00

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/26/01

Date of Next Scheduled EDR Contact: 06/25/01

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 08/10/00

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/26/01

Date of Next Scheduled EDR Contact: 06/25/01

STATE OF WASHINGTON ASTM STANDARD RECORDS

CSCSL: Confirmed & Suspected Contaminated Sites List

Source: Department of Ecology

Telephone: 360-407-7200

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/30/00
Date Made Active at EDR: 03/13/01
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/19/01
Elapsed ASTM days: 22
Date of Last EDR Contact: 05/25/01

HSL: Hazardous Sites List

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

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

Date of Government Version: 02/27/01
Date Made Active at EDR: 04/30/01
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 03/12/01
Elapsed ASTM days: 49
Date of Last EDR Contact: 06/11/01

SWF/LF: Solid Waste Facility Database

Source: Department of Ecology
Telephone: 360-407-6132

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

Date of Government Version: 09/01/00
Date Made Active at EDR: 12/22/00
Database Release Frequency: Annually

Date of Data Arrival at EDR: 11/30/00
Elapsed ASTM days: 22
Date of Last EDR Contact: 04/09/01

LUST: Leaking Underground Storage Tanks Site List

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

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

Date of Government Version: 03/01/01
Date Made Active at EDR: 03/30/01
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/01/01
Elapsed ASTM days: 29
Date of Last EDR Contact: 06/06/01

UST: Underground Storage Tank Database

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

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

Date of Government Version: 03/01/01
Date Made Active at EDR: 03/30/01
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/01/01
Elapsed ASTM days: 29
Date of Last EDR Contact: 06/06/01

STATE OF WASHINGTON ASTM SUPPLEMENTAL RECORDS

ICR: Independent Cleanup Reports

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

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

Date of Government Version: 02/26/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/24/01
Date of Next Scheduled EDR Contact: 08/20/01

EMI: Washington Emissions Data System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Last EDR Contact: 04/24/01
Date of Next Scheduled EDR Contact: 07/23/01

LOCAL RECORDS

KING COUNTY:

Abandoned Landfill Study in King County

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

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

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

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

SEATTLE COUNTY:

Abandoned Landfill Study in the City of Seattle

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

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

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

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

SEATTLE/KING COUNTY:

Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project

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

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

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

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

SNOHOMISH COUNTY:

Solid Waste Sites of Record at Snohomish Health District

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

Date of Government Version: 06/13/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/24/01
Date of Next Scheduled EDR Contact: 07/23/01

TACOMA/PIERCE COUNTY:

Closed Landfill Survey

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

EDR PROPRIETARY DATABASES

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

Disclaimer Provided by Real Property Scan, Inc.

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

HISTORICAL AND OTHER DATABASE(S)

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

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

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

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PORT OF EVERETT, NORTH MARINA
1111 13TH STREET
EVERETT, WA 98201

TARGET PROPERTY COORDINATES

Latitude (North):	48.000401 - 48° 0' 1.4"
Longitude (West):	122.217903 - 122° 13' 4.5"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	558342.3
UTM Y (Meters):	5316421.5

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

TOPOGRAPHIC INFORMATION

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

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2448122-A2 MARYSVILLE, WA
Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General West

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

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Target Property County
SNOHOMISH, WA

FEMA Q3 Flood
Data Electronic Coverage
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:
Additional Panels in search area:

5301640001B / CBPP
5355340330B / CBPP
5355340310B / CBPP
5301640002B / CBPP

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
MARYSVILLE

NWI Electronic
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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Site-Specific Hydrogeological Data*:

Search Radius: 2.0 miles
 Location Relative to TP: 1/4 - 1/2 Mile SSE
 Site Name: USNAVY PUGET SOUND NAVAL STA:EVERETT
 Site EPA ID Number: WA2170000127
 Groundwater Flow Direction: VARIABLE BASED ON THE DENSITY OF FILL IN DIFFERENT AREAS OF THE SITE, BUT FLOW MOST LIKELY FLOWS S AND THEN SW INTO THE EAST WATERWAY
 Measured Depth to Water: 2 feet to 9 feet above mean sea level
 Hydraulic Connection: The site is located on land created by several fill events.
 Sole Source Aquifer: No information about a sole source aquifer is available
 Data Quality: Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 2.000 Miles.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
1	0 - 1/8 Mile West	Not Reported
2	1/2 - 1 Mile East	NNE
3	1/2 - 1 Mile ENE	NW
4	1 - 2 Miles NNE	Not Reported
5	1 - 2 Miles SSE	E
6	1 - 2 Miles SSE	Not Reported
7	1 - 2 Miles ESE	W
8	1 - 2 Miles SSE	SE
9	1 - 2 Miles SE	Varies

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

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

GEOLOGIC AGE IDENTIFICATION

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

ROCK STRATIGRAPHIC UNIT

Category: Stratified Sequence

* ©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

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: ALDERWOOD

Soil Surface Texture: gravelly - sandy loam

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: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 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

Soil Layer Information							
Layer	Boundary		Classification				
	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	7 inches	gravelly - sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COURSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 6.00 Min: 2.00	Max: 6.50 Min: 5.10
2	7 inches	35 inches	very gravelly - loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COURSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 6.00 Min: 2.00	Max: 6.50 Min: 5.10
3	35 inches	39 inches	cemented	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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: silt loam
very gravelly - sandy loam

Surficial Soil Types: silt loam
very gravelly - sandy loam

Shallow Soil Types: silt loam

Deeper Soil Types: very gravelly - coarse sand
stratified
very gravelly - sand
very gravelly - loamy sand

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

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

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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

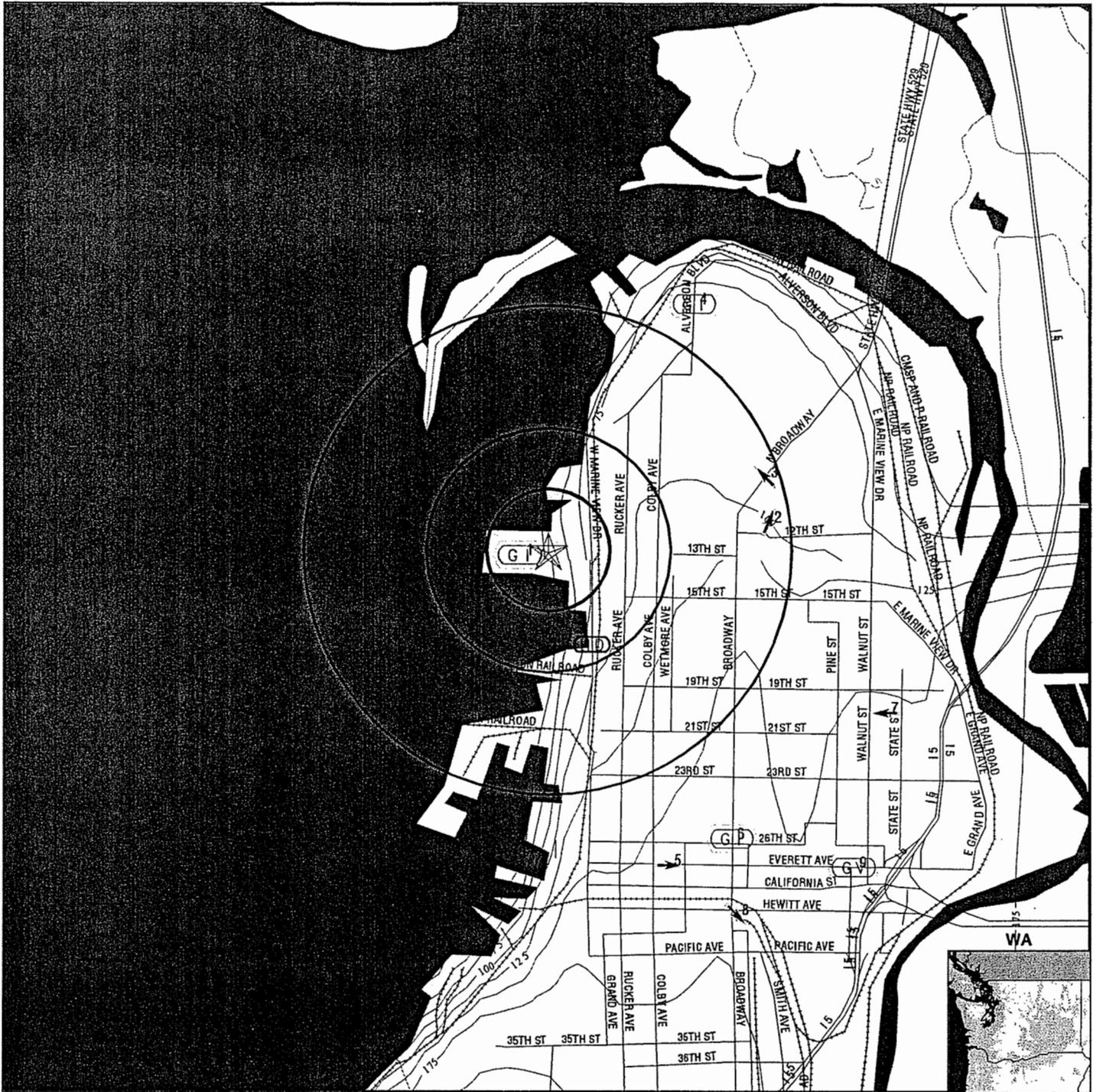
MAP ID

WELL ID

LOCATION
FROM TP

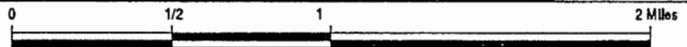
No Wells Found

PHYSICAL SETTING SOURCE MAP - 646425.3s



- ↘ Major Roads
- ↘ Contour Lines
- ⊙ Water Wells
- ⊕ Public Water Supply Wells
- ↑ Groundwater Flow Direction
- ⊖(I) Indeterminate Groundwater Flow at Location
- ⊖(V) Groundwater Flow Varies at Location
- Cluster of Multiple Icons

- ⊙ Earthquake epicenter, Richter 5 or greater
- ⊖(HD) Closest Hydrogeological Data



TARGET PROPERTY: Port of Everett, North Marina
 ADDRESS: 1111 13th Street
 CITY/STATE/ZIP: Everett WA 98201
 LAT/LONG: 48.0004 / 122.2179

CUSTOMER: Landau Associates, Inc.
 CONTACT: Tim Syverson
 INQUIRY #: 646425.3s
 DATE: June 19, 2001 10:05 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
1 West 0 - 1/8 Mile Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	Not Reported Not Reported 8 10 Not Reported 05/16/1991	AQUIFLOW	41760
2 East 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	2398 NNE Not Reported Not Reported Not Reported 08/23/1991	AQUIFLOW	41883
3 ENE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	4062 NW 9.99 67.48 Not Reported 03/25/1998	AQUIFLOW	42026
4 NNE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	5724 Not Reported Not Reported Not Reported 4 01/09/1997	AQUIFLOW	42093
5 SSE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	2707 E Not Reported Not Reported 108 03/30/1995	AQUIFLOW	41813
6 SSE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	1889 Not Reported Not Reported Not Reported 3.4 02/10/1991	AQUIFLOW	42079
7 ESE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	5001 W Not Reported Not Reported Not Reported 11/29/1993	AQUIFLOW	41820

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

8 SSE 1 - 2 Miles Higher	Site ID: 4019 Groundwater Flow: SE Shallowest Water Table Depth: 33.54 Deepest Water Table Depth: 35.09 Average Water Table Depth: Not Reported Date: 06/08/1998	AQUIFLOW	41835
---	--	----------	-------

9 SE 1 - 2 Miles Higher	Site ID: 1568 Groundwater Flow: Varies Shallowest Water Table Depth: 34.13 Deepest Water Table Depth: 43.42 Average Water Table Depth: Not Reported Date: 04/24/1998	AQUIFLOW	41843
--	--	----------	-------

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for SNOHOMISH County: 3

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

Zip Code: 98201

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	-0.033 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.400 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

HYDROLOGIC INFORMATION

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

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

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

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

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

Water Wells

Source: Department of Transportation
Telephone: 360-705-7444
Group A well location points in Washington State.

Kitsap County Water Wells in Washington

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

RADON

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

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

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Material Copied from Ecology Files

**Port of Everett Property
1100 13th St.**

Everett, SNO. 1100 13th St.

(4704)
(101153)

E

V

19/4²³

Department of Ecology - Northwest Regional Office
Underground Storage Tank Notice of Confirmed Release

Rec'd 9/93 UK

Incident #: 4704 Date Ecology Notified: 8-26-91 (HQ) Received by: HQ OSI / J. Hicken
 UST #: 101153 Incident Reported by: Bud Ebeling A-1 Pump Phone: _____
 ERTS #: _____

Site

Owner

U 0005527

Name: Part of Everett, 13th St
 Address: 1100 13th St
 City: Everett
 Zip + 4: 98201
 County: Snoho
 Phone: 259-3164
 Contact: -

Name: _____
 Address: _____
 City: _____
 Zip + 4: _____
 County: _____
 Phone: _____
 Contact: _____

Consultant/Other Contacts

Affected Media

Contact Name	Affiliation	Phone	Ext.	<input type="checkbox"/> Soil	<input type="checkbox"/> GW	<input type="checkbox"/> DW	<input type="checkbox"/> SW	<input type="checkbox"/> Sed.
<u>Bud Ebeling</u>	<u>A-1 Pump</u>	_____	_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Free Product?

Yes No Excavation? GW?

Tank Information

Tank ID	Substance	Status	Status Date	Tank ID	Substance	Status	Status Date
1.	1	LG	removed	6-19-91	6.		
2.	2	P	"	"	7.		
3.	3	ULG	"	"	8.		
4.					9.		
5.					10.		

Cleanup Status: Assessing In Progress Monitoring Conducted Unknown

Comments (include remediation methods, PCS status, and if this is a "limited" cleanup): 50 yds³ were successfully over excavated, and successfully treated on-site.

A-1 PUMP SERVICE
P.O. BOX 45
MOUNT VERNON, WA 98273

10/15/93
JTB

August 23, 1991

Site Assessment: Port of Everett
1100 13th St.
Everett, WA 98201

DEPARTMENT OF ECOLOGY
UNDERGROUND STORAGE TANKS
AUG 26 1991

On June 19, 1991, three underground storage tanks were removed at this site. (1) 1,0000 gallon gas, (1) 300 gallon diesel, and (1) 500 gallon gas. Visual inspection and a slight sheen on the water indicated some contamination present. Additional excavating of the tank excavation area was done, removing approximately ~~30~~ ~~yards~~ placed in a berm yard and areated. Water was pumped from the excavated area and disposed of through Vintage Oil, Anacortes. Soil and water samples were taken and all results indicate no contamination present in the excavated area, backfilled and compacted with clean fill. All soil in the berm yard after aeration and testing with an OVM meter which indicated no signs of contamination, readings of .025 PPM , being the highest, was placed on port property to the north of this site. All testing and procedures were coordinated with Material Testing Lab.

Sincerely,

Bud Ebeling

Bud Ebeling
A-1 Pump Service

CC: Department of Ecology
CC: A-1 Pump Service

DEPARTMENT OF ECOLOGY	
UIC/TCP TANK UNIT	
INTERIM CLEANUP REPORT	<input type="checkbox"/>
SITE CHARACTERIZATION	<input checked="" type="checkbox"/>
FINAL CLEANUP REPORT	<input checked="" type="checkbox"/>
_____	<input type="checkbox"/>
AFFECTED MEDIA: SOIL	<input checked="" type="checkbox"/>
OTHER _____ GW	<input type="checkbox"/>
INSPECTOR (INIT.) <i>JTB</i>	DATE <i>8-17-93</i>

WAREHOUSE

ROCKY
STREET
AND
OFFICE

(W)

(N)

(E)

(S)



CHAIN LINK FENCE

13TH STREET

**Port of Everett Property
Yacht Basin Marina**

007044

007044

A-1 PUMP SERVICE, INC.
P O BOX 45
MT VERNON, WA 98273
(206)424-4734

DEPARTMENT OF ECOLOGY
UNDERGROUND STORAGE TANKS
RECEIVED

JUL 30 1992

July 15, 1992

SITE ASSESSMENT RE: SITE ID#: 007044
OWNER ID#: U0005529
OWNER ADDRESS: 2928 Terminal Avenue
P O BOX 538
Everett, WA 98206-0538
SITE ADDRESS: 609 14th Street
Everett, WA

This assessment covers the decommissioning and removal of five (5) Underground Fuel Storage Tanks from the Port of Everett Yacht Basin Marina site at the above site address. The tank ID numbers, capacities, and usage are as follows:

TANK # 1 - 10,000 gallon Gasoline
TANK # 2 - 10,000 gallon Diesel Fuel # 1
TANK # 3 - 10,000 gallon Diesel Fuel # 2
TANK # 4 - 4,000 gallon Premix
TANK # 5 - 5,000 gallon Gasoline

Inspection of the removed fuel tanks show them to be heavily coated and wrapped, and they were in extremely good condition, showing no signs of rust or corrosion.

All of the product within the tanks was removed, and each tank was properly decommissioned and removed, with the approval of the Everett City Fire Marshall. After the ends had been taken off, the sludge and dirt was removed from each tank and disposed of in accordance with regulations through Vintage Oil in Anacortes, WA. The three 10,000 gallon tanks were hauled to Everett Junk for disposal. The remaining 4,000 tank and the 5,000 gallon tanks were delivered to Cadman Rock, in Monroe, WA. They accepted these tanks as their own responsibility, to be used as water storage.

Around the fill pipe of each tank, there appeared to be some signs of contamination. This dirt (approximately eighty (80) yards) was removed and taken to property belonging to the Port of Everett on the north side of 13th Street in Everett, where it was placed in a bermyard constructed of a visqueen lining and contained by a straw-bale side wall. This dirt is currently being aerated and treated in the proscribed manner for treatment of contaminated soils.

The excavated area, after removal of the UST's and the contaminated soil from the fill pipe areas, measured 50 feet by 50 feet to a depth of 15 feet. Soil samples were obtained from the side walls and the floor which was under each tank. In addition, since tide water appeared in the excavation area, two water samples were obtained on different dates to ensure a proper indication that no contamination had migrated into the water table.

These soil and water samples then taken to Material Testing & Consultants Laboratory in Mount Vernon, Washington, for testing. The results of these tests indicate no apparent contaminants in the excavated side walls or in the tide water (see attached reports #92-0635 & #92-0610).

This excavation was then backfilled and compacted and overlaid with asphalt for parking.

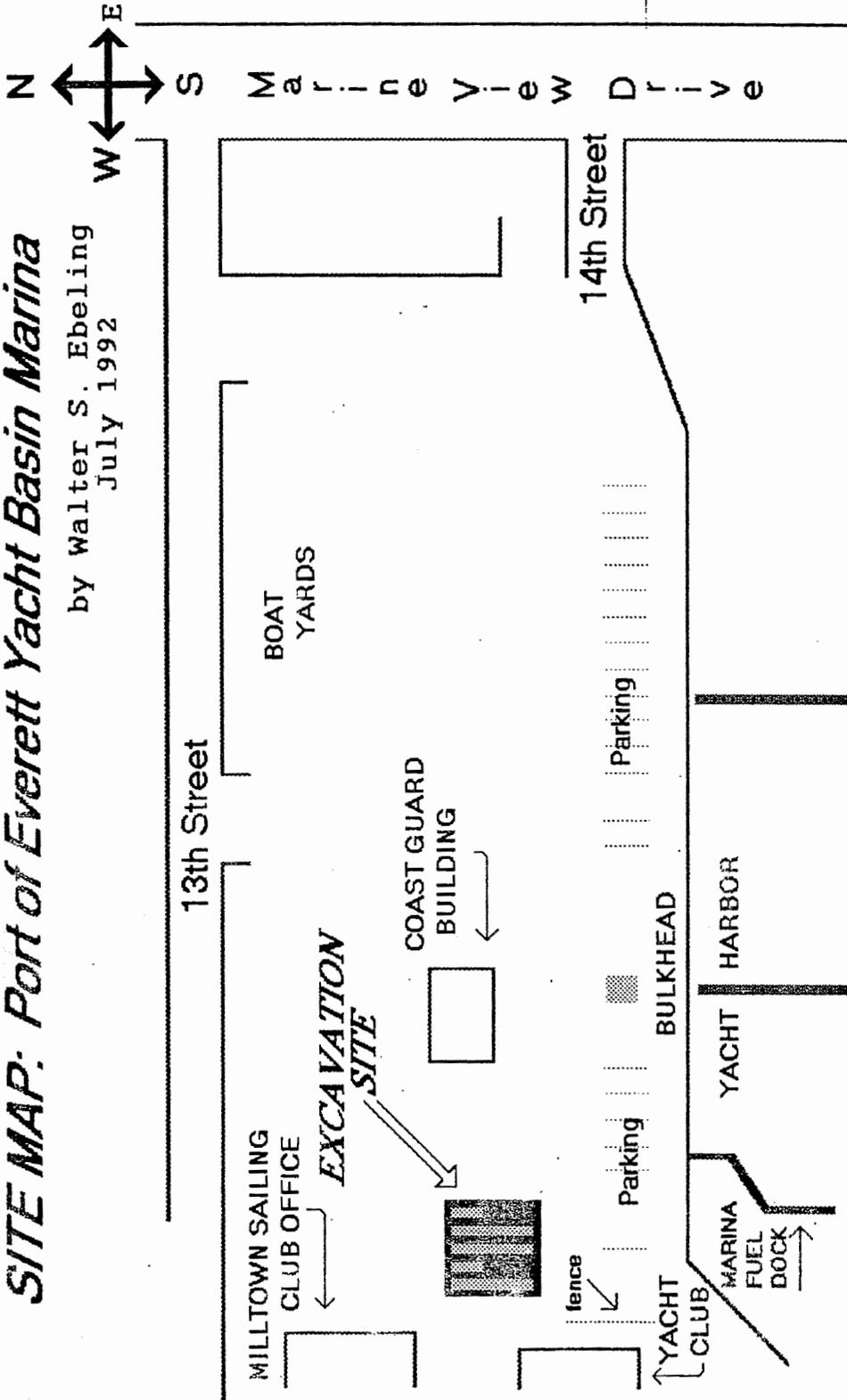
Walter S. Ebeling

Walter S. Ebeling
Registered Site Assessor, WA Dept of Ecology
A-1 PUMP SERVICE, INC.

Attachments: Soil and water test results.
Site Maps

SITE MAP: Port of Everett Yacht Basin Marina

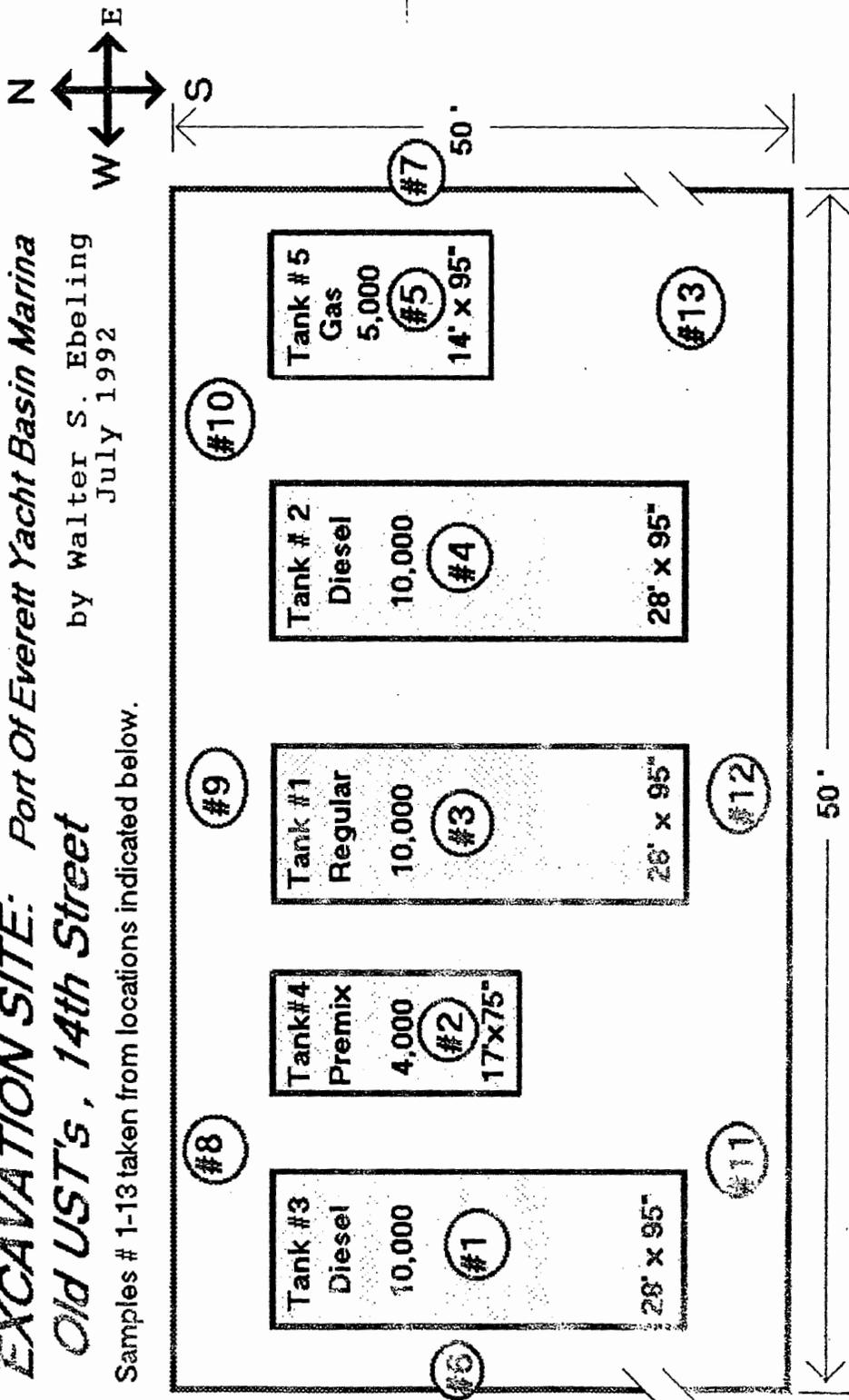
by Walter S. Ebeling
July 1992



EXCAVATION SITE: Port Of Everett Yacht Basin Marina
Old UST's, 14th Street

by Walter S. Ebeling
 July 1992

Samples # 1-13 taken from locations indicated below.



MTC

Analytical/Environmental Services

Materials Testing & Consulting, Inc
 WSDOE Laboratory # C057
 WSDOH Laboratory #46092090

P.O. Box 309
 Mount Vernon, WA 98273
 (206)424-7560 - FAX (206)424-7550

31 |
 Client: A-1 Pump
 335 N. Baker
 Mount Vernon, WA 98273

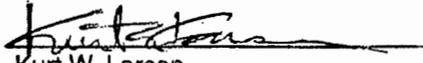
Date: 6/6/92
 Reference: 92-0635

Attn: Mr. Bud Ebeling

Project: Port of Everett

Data Report

Lab Number	Sample Description	ug/gm	ng/gm				Surrogate
		TPH	Benzene	Toluene	Ebenzene	Xylenes	% Recovery
19-92-01570.0S	#1	<10	<10	<10	<10	<10	93
19-92-01571.0S	#2	<10	<10	<10	<10	<10	89
19-92-01572.0S	#3	<10	<10	<10	<10	<10	89
19-92-01573.0S	#4	<10	<10	<10	<10	<10	91
19-92-01574.0S	#5	<10	<10	<10	<10	<10	92
19-92-01575.0S	#6	<10	<10	<10	<10	<10	102
19-92-01576.0S	#7	<10	<10	<10	<10	<10	106
19-92-01577.0S	#8	<10	<10	<10	<10	<10	101
19-92-01578.0S	#9	<10	<10	<10	<10	<10	99
19-92-01579.0S	#10	<10	<10	<10	<10	<10	93
19-92-01580.0S	#11	<10	<10	<10	<10	<10	94
19-92-01581.0S	#12	<10	<10	<10	<10	<10	98
19-92-01582.0S	#13	<10	<10	<10	<10	<10	87
19-92-01583.0W	#14	<0.1	<1	<1	<1	<1	91
							EPA Acceptance
		Soil/Water	Soil/Water	Soil/Water	Soil/Water	Soil/Water	Limits
Method Reporting Limit (MRL)		10.0/0.10	10.0/1.0	10.0/1.0	10.0/1.0	10.0/1.0	Soil: 84-138
Maximum Contamination Levels		100/1	500/5	20000/20	40000/40	20000/20	F20: 52-110


 Kurt W. Larsen
 Sr. Environmental Chemist

Everett Bayside Marina
1001 14th Street

EVERETT BOATHOUSE
Everett, SNO. 1001-14th St.

(1940)

E

V



11/31/91
General Cleanup
info
KAB

BUD'S A-1 PUMP SERVICE
P.O. BOX 45
MOUNT VERNON, WA. 98273-0045

DEPARTMENT OF ECOLOGY
UNDERGROUND STORAGE TANKS

OCT 31 1991

Doc # 1940

AUGUST 23, 1991

SITE ASSESSMENT: PORT OF EVERETT
1001 14TH STREET
BOAT HOUSE/ YACHT SALES
EVERETT, WA. 98201

ON JANUARY 17, 1991, ONE 500 GALLON AND ONE 2000 GALLON TANKS WERE REMOVED FROM THIS SITE. LABORATORY SAMPLES COLLECTED BY KALDVEER ASSOCIATES (REFER TO THE REPORT FILED, DATED 03/19/91). IN AREA T-4 ON KALDVEER SITE PLAN, LEVELS OF CONTAMINATION WERE RECORDED AT 3300 PPM. THIS ENTIRE AREA WAS RE-EXCAVATED AND NEW SAMPLES WERE TAKEN, WATER WAS PUMPED OUT OF THE AREA AND PROPERLY DISPOSED OF. NEW SOIL SAMPLES AS WELL AS WATER SAMPLES INDICATE THAT THIS AREA IS NO LONGER CONTAMINATED. ALL REMOVED SOIL WAS PLACED IN A BERM YARD AND AERATED OVER A THIRTY DAY PERIOD, RECHECKED AND THEN PLACED ON THE NORTH SECTION OF PORT PROPERTY.

SINCERELY,

Bud Ebeling

BUD EBELING
A-1 PUMP SERVICE

CC: D. O. E.
CC: A-1 PUMP SERVICE

DEPARTMENT OF ECOLOGY	
NWRO/TCP TANK UNIT	
# 1940	
INTERIM CLEANUP REPORT	<input checked="" type="checkbox"/>
SITE CHARACTERIZATION	<input type="checkbox"/>
FINAL CLEANUP REPORT	<input type="checkbox"/>
OTHER _____	<input type="checkbox"/>
AFFECTED MEDIA: SOIL	<input checked="" type="checkbox"/>
OTHER _____ GW	<input type="checkbox"/>
INSPECTOR (INIT.) <i>WE</i> DAT 11-30-92	



Kaldveer Associates Geoscience Consultants

Oakland CA • Dan Jose CA • Bellevue WA • Tacoma WA

✓
37
dir

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Vice President
Vice President
Vice President
Vice President

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David Wheeler PE GE
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Richard J. Bielecki PE

PROFESSIONALS

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Dennis Ladunski CE G
Randy Rowley PE
Michael Leaverton PE
Robert E. Johnston PE GE

RECEIVED

MAR 20 1991

DEPT. OF ECOLOGY

009632

Inc# 1940

March 19, 1991

WE-1034-01-042

A-1 Pump Service
P.O. Box 45
Mount Vernon, Washington 98273

Attention: Mr. Bud Ebeling

status: assessing
soil/GW
interim

RE: TANK REMOVAL AND SOIL SAMPLING
1001 14TH STREET, EVERETT BOAT HOUSE
PORT OF EVERETT
EVERETT, WASHINGTON

Dear Mr. Ebeling:

As requested, we are pleased to report the removal of the tanks and the backfilling of the excavation located at 1001-14th Street, Port of Everett, Everett, Washington as shown on the Vicinity Map, Figure 1.

Our efforts involved observation of the removal activities which were performed by your company, on January 17, 1991. A representative from Kaldveer Associates examined and sampled the excavation on the same day the tanks were removed.

The attached site plan, Figure 2, shows the location of the site in Everett, and the orientation of the tanks when in place. One five hundred gallon tank and one two-thousand gallon tank was removed. Both tanks were used for gasoline storage. Groundwater seepage was observed during and after the excavation was completed.

After the UST's were removed, both of which were in the same excavation, eight (8) soil samples were obtained from the sides and bottom of the excavation. The samples were collected in sterilized glass jars with teflon sealed lids provided by the Project Laboratory, North Creek Analytical. The samples were stored on site and transported to the laboratory in an ice chest chilled to 4 degrees Celsius to minimize dissipation of volatile fraction hydrocarbons. EPA-recommended protocols for sample management, including chain-of-custody documents were followed for each stage of the project.

North Creek Analytical performed the chemical analysis on the soil samples. Soil samples were analyzed for potential petroleum-derived hydrocarbon contamination using EPA Method 8015 modified and 8020 for TPH as gasoline and BTEX. The result of the chemical analyses indicates hydrocarbon contamination in the order of 3,300 ppm (part per million) in one sample (T-4) with Xylenes contamination level of 43 ppm. This soil contamination level is above the allowable threshold level of 100 ppm for Total Petroleum Hydrocarbon and 20 ppm for Xylenes as referenced in Policies and Procedures for UST Removal by The Washington State Department of Ecology.

Based on the chemical analysis, inspection of the underground tanks, and the guidelines of The Washington Department of Ecology, it appears that the site is contaminated by residual hydrocarbons beyond State minimum requirements. The soil contamination appears confined to the southwestern portion of the excavation (the shaded area in Figure 2). Accordingly, additional soil excavation and testing will be required on that side of the excavation. The native soil that was used for backfilling the excavation should be also removed and the entire excavation backfilled with clean imported fill. The contaminated soil can be land farmed, tested and then reused.

The water inside the excavation appeared to be contaminated as free product was floating on the surface. We recommend the installation of three monitoring wells, two downgradient and one upgradient from the excavation. Water samples should be obtained from these wells and remedial action taken, as needed.

Attached please find a copy of laboratory test results dated January 31, 1991, Chain of Custody, Vicinity map, and a site plan.

It has been a pleasure to be of service to you. If you have any questions, please call.

Very truly yours,

KALDVEER ASSOCIATES, INC.



Nabil T. Dbaibo
Geologist & Geotechnical Engineer



R.J. Bielefeld, CEG
Manager of Geological & Environmental Services

how much?

surface water impact?

**Fire Station #3
920 13th Street**

005728

A B C D E F G H I J K L M N O P Q R S T U V

DEAN HOUGH & ASSOCIATES

ENVIRONMENTAL ENGINEERING

July 2, 1994

Underground Storage Tank Section
Department of Ecology
P.O. Box 47655
Olympia, WA 98504-7655

Re: Fire Station 3 Tank Replacement
920 13th ST, Everett, WA
DOE Site no. 005728

SITE CHECK REPORT:

I. Field Data Pre-tank Removal

The site at the fire station lies on about 12 feet of sand fill extending out about a 1/4 mile from the westerly beach bluff of north Everett and is generally flat. Ground level is at 6 feet above high, high tide. The closest sea water is about 200 feet to the south of the site. The tank site has no vital underground or overhead utility lines. The asphalt pavement in the back of the fire station slopes very gradually (<1% slope) to the west and into a graveled boat repair yard. Just prior to the tank removal and during the pavement removal operations, an extensive rain fell from 10 AM to about 11 AM.

The UST system consisted of a 1000 gallon, single-walled steel tank with 3/8" dia. copper fuel lines from tank to pump. The tank system was used to fuel the trucks as they entered the south side and went to the north door in preparation for the next call going out the north side of the building.

II. Tank Removal Operations Summary:

From June 7, 1993 to July 17, 1993 the City's contractor, O'Sullivan Petroleum Equipment Co. removed the existing tank which originally contained diesel and replaced it with an aboveground storage tank. After the old tank was removed from the ground, the soil was screened with a Microtip 1 meter. Since the tank had visible holes at 6 o'clock low and rinse residue was seeping from the tank being removed, contamination was suspected and a site check sampling system was made according to DOE's "Guidance for Site Checks...", Table 5.2. Three soil samples were taken by backhoe at about 5 feet deep and along three pit walls. Later on June 9, 1993 2 composite samples were taken from the "clean" and "contaminated" stockpiles and all samples were tested for presence of diesel contaminants according to WTPH-D requirements. See the Table of Soil Test Results on the next page.

The table shows that the pit is below cleanup action

RECEIVED
AUG 23 1995
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NW VG
005728
U0001210

4/4

SITE CHECK REPORT
DOE SITE #005728
City of Everett Fire Station No. 3

TABLE OF CONTENTS

1. Site Check Report	1-3
2. Appendices	
- Location/Sampling Plan	A
- Laboratory Results with QC and chain of custody	B
- Tank Disposal Certificate	C
- Tank Rinse Certificate	D
- DOE Forms Submitted	E

RECEIVED
AUG 25 1995
ECOLOGY

levels using Method A of WAC 173-340. The approximate 25 yards of soil from the pit was stockpiled in mylar and surrounded with haybales for about 5 days and then moved to the contractor's site as clean-tested soil.

The existing tank system was gaged according to DOE regulations during the previous year and the data show it to be a tight tank. On June 7, 1993 a photo was taken of the tank bottom and it showed about four 3/16" holes through which rinse residue flowed. Since no contamination was registered during weekly tank gaging, either the rinse residue was not concentrated enough to contaminate to cleanup levels or the holes were sealed up with sludge.

The air was tested for hydrocarbons with a microtip 1 meter during the excavation process and no concentrations were registered above 35 PPM. Three soil samples from the pit were heated to about 75 degrees and the headspace tested out by the microtip meter at 15PPM maximum for all samples. This gave us an indication that the soil had some contaminants, but was most likely below cleanup levels.

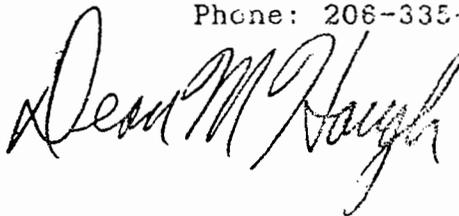
The soil that was removed from the pit was wet sand colored a medium brown. At 6 feet deep and at the bottom of the tank which was the top of the high, high waterline; the sandy-gravelly soil changed color from brown to gray. The gray soil smelled of brine and of some hydrocarbon, most likely creosote from the pilings which were in the area in the 1960's. No groundwater was apparent at the bottom of the pit although the gray sand at the bottom was saturated with seawater at this time. At the end of this tank closure the pit was backfilled with imported "gravel borrow" from Associated Sand and Gravel.

The land use in this area is industrial/commercial for 2 miles north and about 4 miles south along the original beach bluff and West Marine View Drive. The docking of the Everett Marina is about 200 feet to the south of the tank site.

III. Conclusions:

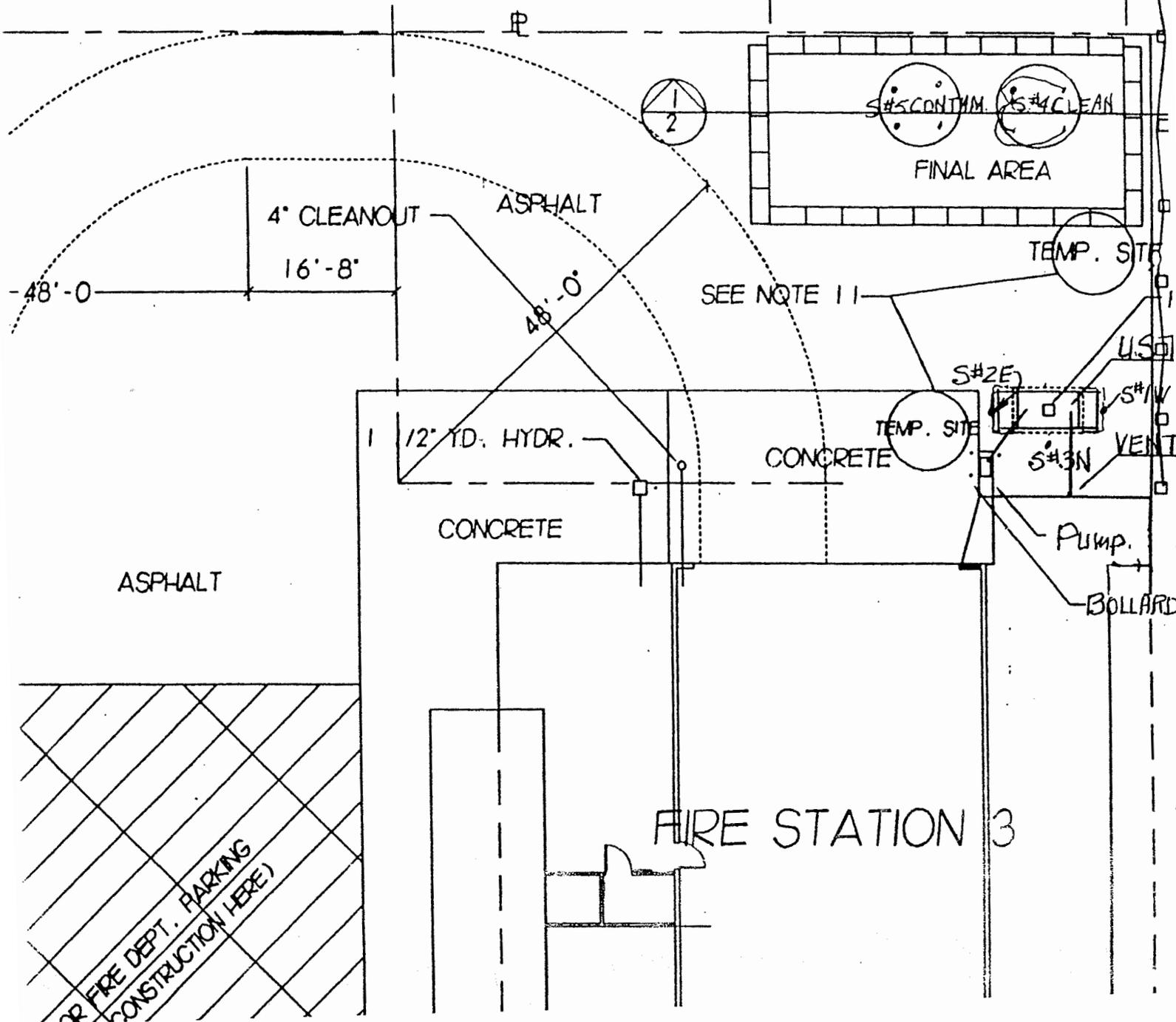
Since the soils sampled along the three pit walls and the two composite samples taken from the stockpiles tested under WTPH-D method were below cleanup action limits, the site is concluded to not have a significant petroleum spill to warrant cleanup action and is not an apparent contaminated site.

Site Assessor: Dean M Hough
8918 11th ST NE
Everett, WA 98205-
1477
Phone: 206-335-0262



GRASS

40' X 20' AREA
FOR STOCKPILING SOIL



FIRE STATION 3 SOIL TEST RESULTS

ID no.	Method	Sample Type	Results	Action Level	Date
1-West	WTPH-D	soil discrete	ND(<25)	200ppm	6/7/93
2-East	WTPH-D	soil discrete	ND(<25)	200ppm	6/7/93
3-North	WTPH-D	soil discrete	ND(<25)	200ppm	6/7/93
4-Clean	WTPH-D	soil composite	ND(<25)	200ppm	6/9/93
5-Contam	WTPH-D	soil composite	ND(<25)	200ppm	6/9/93

ND = No hydrocarbons detected

WTPH-D = Washington total petroleum hydrocarbons-testing for diesel

Samples analyzed by:
CCI Laboratories
3229 Pine St
Everett, WA 98201

FS3RPTSC

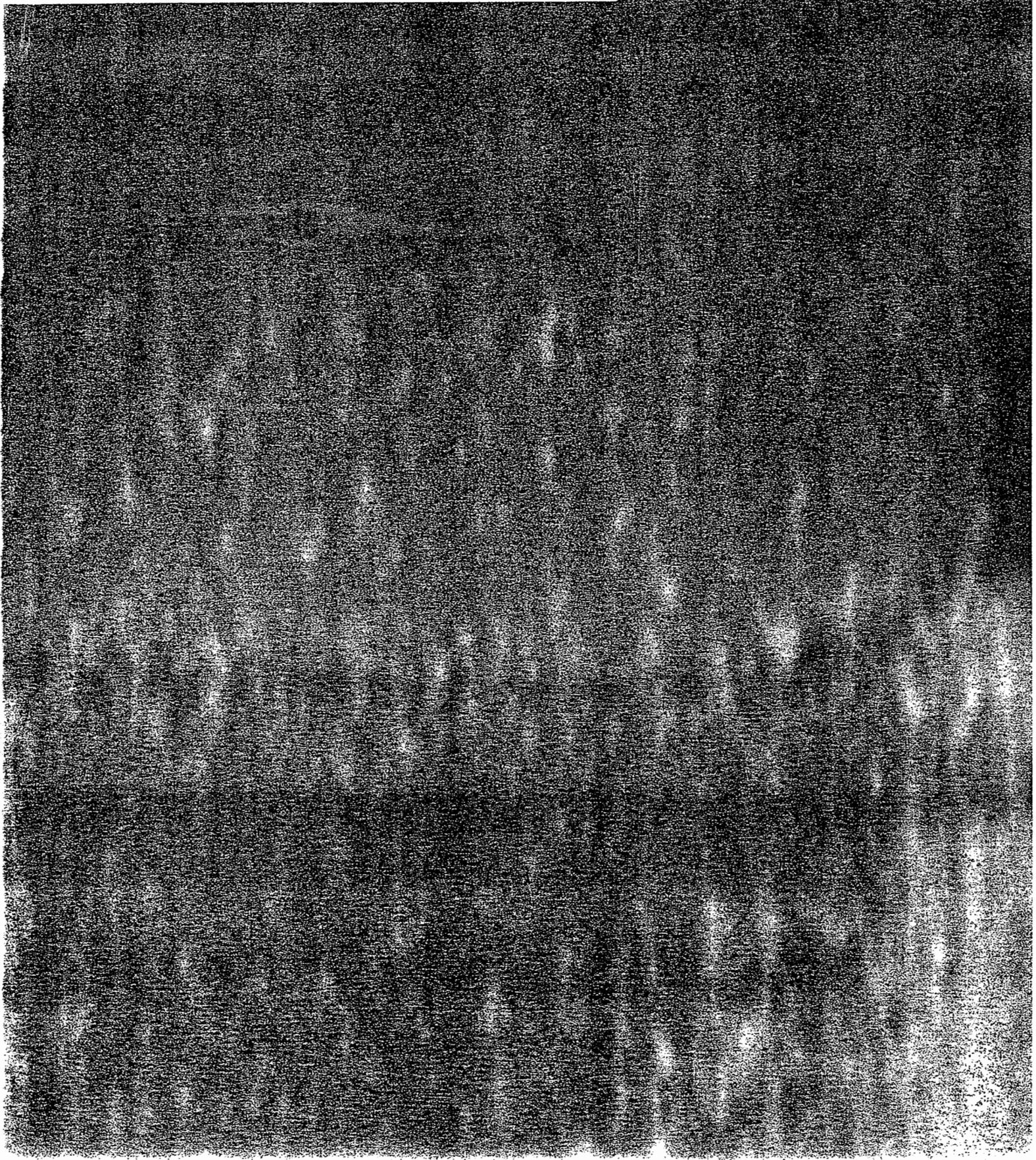
**Puget Sound Truck Lines
615 13th Street**

PUGET SOUND TRUCK
Everett, WA

615 13th Street



8/12/92



RECEIVED



May 16, 1991

JUN 12 1991

15,397.005

DEPT. OF ECOLOGY

Mr. David A. Eaden
Puget Sound Truck Lines
Post Office Box 24526
Seattle, Washington 98124

Dear Dave:

Final Report
Underground Storage Tank Removal and Soil Remediation
Puget Sound Truck Lines
Everett Facility
615 13th Street
Everett, Washington

INTRODUCTION

This letter summarizes the results of Applied Geotechnology Inc.'s (AGI) hydrocarbon contamination assessment associated with removal of two underground storage tanks (USTs) at the referenced site. The purpose of our services was to observe removal of USTs, evaluate the extent of possible hydrocarbon contamination in soil and groundwater (if present) associated with the USTs, and provide recommendations for remediation if necessary.

SITE CONDITIONS

Surface

The site is located on the north side of 13th Street in an industrial area associated with the Port of Everett. The land surface is generally level, and is constructed of fill extending westward into Port Gardner waterway. A combined office and truck maintenance building is present in the central portion of the site, and a small utility building is present toward the south.

The site is bounded to the north by Port Gardner waterway, to the east by ITEL Storage Company, and to the south and west by American Construction Company. The ground surface at the site is unpaved. Gravel has been placed along the traffic areas as ballast.

Subsurface

The site fill consists of brown to gray silty sand with a trace of clay and peat. The backfill surrounding the USTs consisted of silty sand, likely reworked site fill. Groundwater was encountered at a depth of approximately 8 to 10 feet below ground surface (bgs). The water table fluctuates in response to tidal variations.

TANK REMOVAL

The two USTs (one 10,000- and one 4,000-gallon capacity) were of single-wall steel construction and contained diesel fuel. The tanks had no observable holes and appeared to be in good condition during removal on September 10, 1990. Soil with apparent hydrocarbon concentrations above Washington Department of Ecology (Ecology) cleanup standards (standards), as mandated by the Model Toxics Control Act (WAC 173-340), was encountered adjacent to the tanks. This material was excavated and stockpiled pending remediation.

Composite soil samples were collected from beneath each UST, all excavation sides, the excavation sides excluding the southeast corner, and only the southeast corner. The soil samples were submitted to Sound Analytical Services, Inc. (SAS) in Tacoma, Washington, for fuel hydrocarbons analysis by EPA Method 8015 Modified.

The sample analysis indicated soil from the excavation sides and base contained no detectable petroleum hydrocarbons except in the southeast corner. The sample from the southeast corner contained hydrocarbon concentrations above the Ecology cleanup standards of 200 parts per million (ppm) for diesel-contaminated soil. Soil was removed from the southeast corner of the excavation on September 14, 1990, and the area resampled. The results of the second sampling and analysis indicate soil with petroleum hydrocarbon concentrations above cleanup standards had been removed from the excavation. The excavated soil was added to the stockpiled soil awaiting remediation. The laboratory results are summarized in Table 1 and a copy of the laboratory reports is attached.

TABLE 1
Laboratory Analysis Results
Soil Samples Collected During Excavation

<u>Date Sampled</u>	<u>Source</u>	<u>Sample Depth (feet)</u>	<u>Fuel Hydrocarbons (ppm)</u>
09/10/90	Beneath North Tank	9 1/2	<10
09/10/90	Beneath South Tank	9	<10
09/10/90 (diesel)*	All Excavation Sides	4 to 8	2,089
09/10/90	Excavation Sides Except SE Corner	4 to 8	<10
09/10/90 (diesel)*	Southeast Corner	4 to 8	3,685
09/14/90	Southeast Corner	4 to 8	<10

Note: * indicates soil removed from excavation.

SOIL TREATMENT

Approximately 140 cubic yards of soil with petroleum hydrocarbon concentrations above Ecology standards were excavated during tank removal activities. The soil was treated on-site using Solid Phase remediation techniques. A soil treatment pad was constructed in the northwest corner of the site. Clean sand was used to build runoff-control berms around the perimeter of an area approximately 100 feet by 30 feet. A liner consisting of plastic sheeting was placed across the treatment pad and overlapping the berms. Hydrocarbon-contaminated soil was placed on the liner.

The soil was treated in two 9-inch-thick layers, or lifts. Nutrients were added to the uppermost lift and the soil was periodically tilled. Composite soil samples were collected and analyzed during treatment to determine progress. When the analysis from the sample collected from the first lift indicated remaining fuel hydrocarbons were below Ecology standards, the lift was removed and the treatment process began on the second lift. Analytical results from March 8, 1991 sampling showed remaining soils were below Ecology standards.

The results of laboratory analysis of treatment pad samples are listed in Table 2.- Laboratory reports are attached.

TABLE 2
Laboratory Analysis Results
Soil Samples Collected From Treatment Pad

<u>Date Sampled</u>	<u>Lift No.</u>	<u>Source</u>	<u>Sample Depth (inches)</u>	<u>Fuel Hydrocarbons as Diesel (ppm)</u>
10/17/90	1	Treatment Pad	6	33
11/12/90	2	East Side of Treatment Pad	4 to 6	1,500
11/12/90	2	West Side of Treatment Pad	4 to 6	1,800
01/22/91	2	Treatment Pad	0 to 6 6 to 12	471 486
02/06/91	2	Treatment Pad	0 to 12	593
03/08/91	2	Treatment Pad	0 to 12	174

Mr. David A. Eaden
Puget Sound Truck Lines
May 16, 1991
Page 4

Applied Geotechnology Inc.

CLOSURE OF SOIL TREATMENT PAD

The soil treatment pad was dismantled on March 13, 1991. The treated soil was moved from the remediation pad and graded onto the site. The plastic liner was properly disposed. The surrounding clean soil berm was graded onto the site.

CONCLUSIONS

Approximately 140 cubic yards of hydrocarbon-contaminated soil were excavated during UST removal, treated using Solid Phase methods, and disposed of on-site following treatment. In our opinion, no further action is required at this site.

LIMITATIONS

This report has been prepared for the exclusive use of Puget Sound Truck Lines and its other consultants for this project only. The analyses, conclusions, and recommendations in this report are based on conditions encountered at the time of our field investigation and our experience and engineering judgement. AGI cannot be responsible for the interpretation of the data-contained herein by others.

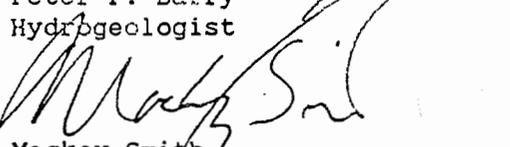
Our work has been performed in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the area. No other warranty, express or implied, is made.

Sincerely,

APPLIED GEOTECHNOLOGY INC.



Peter P. Barry
Hydrogeologist



Mackey Smith
Vice President

PPB/MS/emw

Attachment

DEPARTMENT OF ECOLOGY
ERT SYSTEM - INITIAL REPORT/FOLLOWUP

ENTERED

COORDINATOR: NEVA OSTLUND UNIQUE RECORD #: N10526 REGION: N

DATE/TIME REC'D: 10/08/92 14:05:00 REPORT TYPE: INITIAL

REPORTER'S NAME: JEFF DEFENBACH BUSINESS NAME:
SNOHOMISH COUNTY HEALTH DIST

ADDRESS: OR ANONYMOUS: BEST TIME
TO CALL:

WORK PHONE: (206)-339-5250 EXT. HOME PHONE:

DETAILS ON INCIDENT:

COUNTY: SNOHOMISH NEAREST CITY: EVERETT
WATERWAY: WRIA #:
LOCATION: 615 13TH AVE, IN EVERETT

98201

WEATHER: UNKNOWN TIDE:

DETAILS ON ALLEGED VIOLATOR:

NAME & ADDRESS: CONTACT'S NAME:
PUGET SOUND TRUCK LINES DEL
615 13TH AVE *st* PHONE NUMBER AND EXT:
EVERETT WA (206)-252-4155

VEHICLE INFORMATION:

DESCRIPTION OF CONTAMINANT: (PROVIDED BY REPORTER)

MEDIUM: SOIL OTHER: DEISEL FUEL
MATERIAL: OIL/PETROLEUM
QUANTITY: 30 GALLONS
SOURCE: COMMERCIAL

COMMENTS: CALLER SAID HE RECEIVED ANONYMOUS TIP THAT ON 10/8/92 PUGET SOUND TRUCK LINES HAD A DEISEL FUEL SPILL ON THE SOIL AT 615 13TH AVE IN EVERETT. ONE OF THE SHUTOFF VALVES ON THE TANK BROKE AND ABOUT 30 GALLONS LEAKED OUT. WAS CLEANED UP. APPARENTLY, ACCORDING TO CALLER, THIS IS A FREQUENT OCCURRENCE. CALLER CONTACTED DEL AT PUGET SOUND TRUCK LINES AND CONFIRMED THE REPORT.

REFERRED TO PROGRAM: TCP SECTION HEAD: GALLAGHER-I.I.

EXTERNAL REFERRAL? (Y/N): N

IF EXTERNAL, WHAT AGENCY: _____

INVESTIGATION COMPLETED? (Y/N): N
IF YES, COMPLETE SECOND PAGE OF FORM.

CONTINUED ON PAGE 2

INTERNAL REFERRAL INFORMATION:

NAME OF STAFF PERSON: *Carl Colburn*

DATE RECEIVED: *2/23/93*
DATE INVESTIGATED: *2/24/93*
DATE COMPLETED: *2/24/93*

ACTION TAKEN: *initial investigation*
CAUSE OF INCIDENT: *spill*
IMPACT: *contaminated soils*

LUST:

NONPOINT: (UNK, GW, SW) POINT: (UNK, SW, PRETMT)

ACTUAL VIOLATOR INFORMATION:

NAME: *Puget Sound Truck Lines*
ADDRESS: *615 13th St.*
CITY: *Everett, wa. 98201*
HOME:
WORK: *(206) 252-4155*

CONTACT: *Del Skolrud*

** send business card #44*
(Del)

ACTUAL CONTAMINANT:

MEDIUM: *soil*
MATERIAL: *diesel*
QUANTITY: *> 10 cu/yds.*
SOURCE: *diesel pump island*

OTHER:

send ENL to Del & will make sure property mgr. gets it.

ENFORCEMENT SENSITIVE? (Y/N): *N*

CROSS-REFERENCES TO OTHER SYSTEMS: *XXYS SMI # N-31-5086-000*

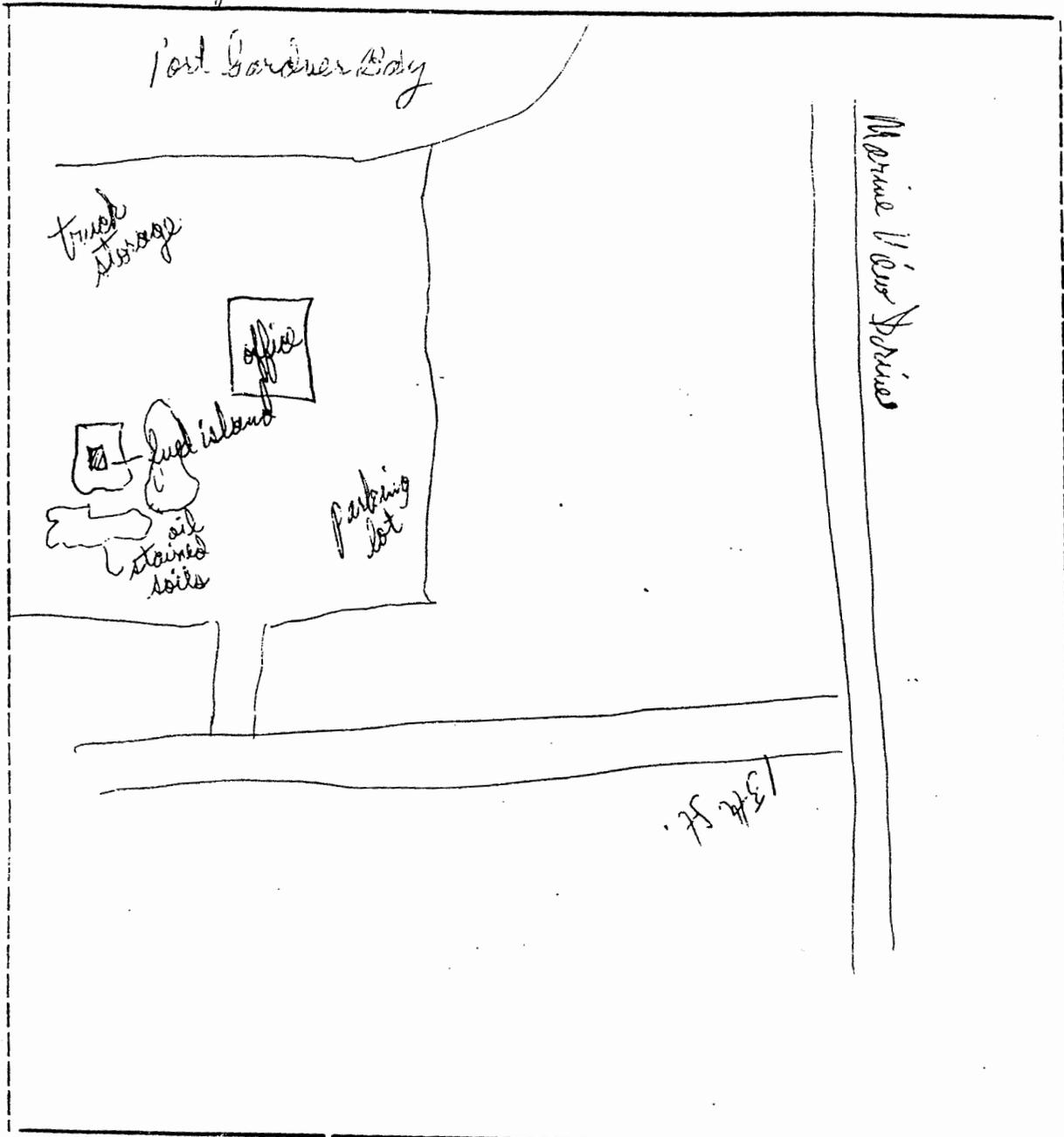
OTHER RELEVANT INFORMATION:

Del states that call from a disgruntled employee. Is not a frequent occurrence. Fuel Island - sign says not to be left unattended, assuming employee walked away from truck & nozzle fell out of fuel tank onto the ground. No report made up, less than 5 gallons spilled into puddle, mostly water. Was cleaned up w/absorbent & put into a 55 gal. drum.
Lease reverts from Port of Everett lease up in 5/94. Site will be cleaned up upon leaving later than now & recontam. Iron spills return now & then. Property 1.9 acres - in business here for 30 yrs.
walked with him to diesel fuel island & observed oil staining on the ground around the pump island. Told him I would be listing the property, when they complete their cleanup send us the data and we will delist them. SMI listing.

WRITE ANY ADDITIONAL INFORMATION ON BACK OF FORM:

Site Diagram

Site Name: Puget Sound Truck Lines



Site # N10526

Site Location: 615 13th St. Everett

Approximate site dimensions: 1.9 acres

Date: 2/24/93

Time: 2:40 pm

Inspector: Gail Colburn

AMERON POLE
Everett, SNO.

A

M

3/15

4700 Ramona Boulevard
Post Office Box 3000
Monterey Park, California 91754
(213) 268-4111 FAX: (213) 263-7690
Telex: ITT 421274 AMERONMYPK

Michael L. Herrian
Vice President, Manufacturing



September 9, 1988

Mr. David Wright
State of Washington
Department of Ecology
Northwest Regional Office
4350 - 150th Street, N.E.
Redmond, Washington 98052

Dear Mr. Wright:

By this letter, we wish to formally notify the State of Washington, Department of Ecology, of the impending transfer of the business of Centrecon; 1130 West Marine View Drive; P.O. Box 28; Everett, Washington 98201, to Ameron, Inc.; 4700 Ramona Boulevard; P.O. Box 3000; Monterey Park, California 91754. Centrecon, which was a division of Utility Vault Company, Inc., is operating under Waste Water Permit No. ST5142.

On September 30, 1988, Ameron, Inc. will assume ownership of the facility mentioned above. We apologize for being unable to give you 30 days' notice because we have not yet finalized the exact closing date.

With this change of ownership, there will be no change in our method of operation or the materials used in the operation; therefore, there will be no change relative to the discharge and to the treated waste water received by the City of Everett sanitary sewer system. We ask, therefore, that effective with the closing date, you transfer Waste Water Permit No. ST5142 to the name of Ameron, Inc.

Very truly yours,

Michael L. Herrian

Michael L. Herrian

MLH:sg

Handwritten notes:
10/13
FBI
to...
waste water permit number
to...
of...

SEP 14 1988

CITY OF EVERETT
INDUSTRIAL PRETREATMENT PROGRAM
PERMIT APPLICATION
EXISTING USERS

III. Operational Descriptions, continued

11. List all principal materials including any raw materials (cleaning agents, solvents, plating solutions, resins, catalysts, photo compounds, process chemicals, etc.) that are regularly used or stored in your facility. These names may be obtained from the labels attached to the containers of the materials.

	<u>Brand name</u>	<u>Generic name</u>	<u>Quantity used</u>	<u>Principal chemical constituents</u>
a.	<u>Nogrease</u>	<u>Degreaser</u>	<u>100 gallons</u>	<u>Trichloroethylene</u>
b.	<u>Chevron 51L</u>	<u>solvent</u>	<u>200 gal/yr</u>	<u>Toluene</u>
c.	<u>Chevron 101</u>	<u>solvent</u>	<u>50 gal/yr</u>	<u></u>
d.	<u>ICI #1</u>	<u>form relse</u>	<u>500 gal/yr</u>	<u>diesel</u>
e.	<u>Sherwin-Wms</u>	<u>sealer (Tzo)</u>	<u>700 gal/yr</u>	<u></u>
f.	<u>Masco Acri</u>	<u>sealer</u>	<u>100 gal/yr</u>	<u></u>
g.	<u></u>	<u></u>	<u></u>	<u></u>
h.	<u></u>	<u></u>	<u></u>	<u></u>
i.	<u></u>	<u></u>	<u></u>	<u></u>
j.	<u></u>	<u></u>	<u></u>	<u></u>
k.	<u></u>	<u></u>	<u></u>	<u></u>
l.	<u></u>	<u></u>	<u></u>	<u></u>

12. Questions, remarks, comments:

Fishermen's Boat Shop
1016 14th Street

Fisherlands

Letter 1/26/01 - NPDES Permit # WA-003096-1 (marine railway stormwater)

- Copper, Lead, Zinc, oil/grease, Turb.
380 ppb 660 3,410

Adv. of samples 1996-2000
From stormwater all samples.

- "Final Engineering Rpt." LAI Report 10/26/1994
Pressure Wash Wastewater Mgmt. Facility.
Fisherlands Boat Slip, Fr. 1.

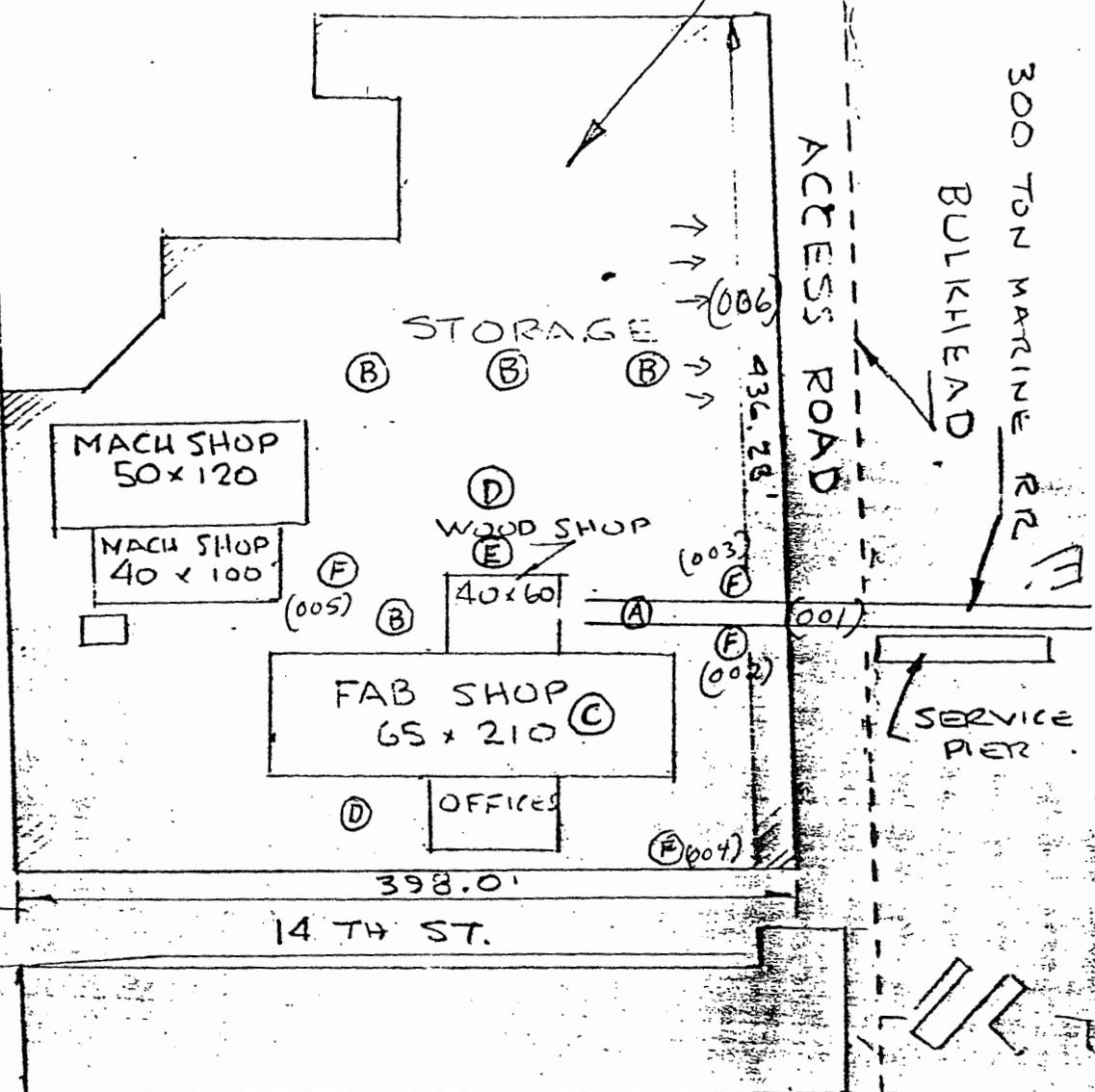
- Eng. Report, Discharge of stormwater to city of Ev. Wastewater Tmt. Facility
May 25, 1998 File # 21-97-009-002.01

9/15/1992 - Citations of Non-compliance - from Ecology July 10, 1992
10/29/1992 - (Reply letter from FBS - ~~10/29/1992~~)
clean up plan - Phase 1 + Phase 2
Ecology letter includes details of site inspection

- Dept. of Ecology inspection report 4/23/92 + 5/5/92

FISHERMENS BOAT SHIP FACILITIES & AREA

MARINE VIEW DRIVE



CODES

- (A) HAULOUT CRADLE WORK AREA
- (B) SIDETRACK WORK AREAS
- (C) NEW CONSTRUCTION WORK AREA
- (D) PAINT STORAGE AREA
- (E) WASTE OIL TANK
- (F) STORM DRAINS

RECEIVED
OCT 08 1987

DEPARTMENT OF ECOLOGY
NORTHWEST REGION

The inspection team then proceeded to walk the perimeter of the facility property to make observations. As we were walking on the south perimeter, Beverly King approached us with a man she introduced as Yard Crew Foreman Tom Kissinger. They said that they would do their best to answer our questions, but Tom Young would have more knowledge than they would.

Mr. Kissinger told us that the facility had been a shipyard since the early 1940's, and that the current owner, Richard Eitel, had owned the facility since 1959. He said that the property is leased from the Port of Everett, and that the facility does mostly repair work, on vessels up to 125 feet long. Mr. Kissinger said that the facility is a union shop employing carpenters, shipwrights and painters, and that they do most of their own work, though some subcontractors are used. He said that Frontwater Services handles all waste, including the flushing of drums, and Kleencare handles all maintenance oil.

Mr. Kissinger told us that sandblasting is usually done in the shop, though some is done outside. Sandblasting is often contracted out, because it is difficult and time consuming to tarp a job properly to contain all spent grit and dust. He said that no hazardous waste from the ships is stored on site.

We then proceeded to the storage yard (photo 1), which is located at the south perimeter of the facility property (see attached map). The storage yard is unpaved and fenced. Mr. Kissinger told us that the yard was fenced 6 months ago to prevent people from dumping on their property.

He said that the State Ferry "Elwha" project had just been completed, and that all of the work materials and equipment had been moved into the storage yard. He said that the Navy wanted the pier back where the Elwha project had taken place, and that Fishermen's no longer had a deep water port. Mr. Kissinger said that the facility was proposing to use the pier at the Mukilteo tank farm for future dockside work.

In the storage yard I observed a battery stored in the open (photo 2), and what appeared to be spent sandblast grit deposited on the soil (photo 3). The battery was in deteriorating condition and its casing was stained, as was the pallet on which it was resting. I also observed sandblast grit in several other areas in the yard, and a number of barrels in the yard, exposed to the weather and without containment. Some of the barrels were partially full, and not all were marked (photos 4-6). None of

the barrels had dangerous waste labeling although most of the drums had waste inside. One barrel was marked as 'paint thinner', another as 'creosote'.

I informed Mr. Kissinger that many of the materials and barrels in the yard were not properly stored, and that a covered, bermed area would be needed for barrels containing material. He told me that they were in the process of fixing their storage problems.

He told me that all new jobs the facility accepts must be properly contained to avoid contamination and cleaned up, and that these conditions are part of the contract for jobs. He said that an independent cleanup had taken place at the facility in the late 1980's as a result of sampling by Ecology. The cleanup had taken place in the area east of the Wood Shop (see attached map).

Mr. Kissinger told us that all vehicle repair work is contracted off-site, and that no truck washing occurs at the facility. He also said that they use only standard marine paints for hulls. During a follow-up conversation with Tom Young on 6/11/92, Mr. Young said that their bottom paint contains copper in the form of cuprous oxide.

We then proceeded north along the waterfront side of the facility. Approximately 15 yards north of the storage yard I observed a storm drain (photo 7). The drain was surrounded by dirt and sand blast grit, and there appeared to be dirt, sand blast grit and small debris in the drain (photo 8). This storm drain appears to intercept another drain near the marine railway, which flows directly into the harbor.

Just east of the drain are the facility ship skids. These are wooden ties on bare soil, and are used to move ships away from the marine railway. Vegetable oil is used to grease the skids so the ships can be pushed sideways.

On either side of the marine railway I observed a storm drain (photos 9-10). In the north railway drain I observed what appeared to be a white liquid sitting in the drain. We walked west to the edge of the pier, and observed that the storm drain outfalls are located on each side of the marine railway. The south railway drain outfall was flowing at a low rate.

We then followed the railway east to the shop building, where I observed a storm drain in the corner where the haul-out machinery building and the fabrication shop meet (photos 11). There was a hose from the fabrication shop leading to the storm drain. Water

was flowing from the end of the hose. A white liquid was also present in this drain (photo 12). Inside of the fabrication shop I observed a sink that drained through the hose, leading to the storm drain. Mr. Kissinger said that the sink is for hand washing only, and that it is a temporary setup while their bathroom is being remodeled.

I told Mr. Kissinger that this was an illegal discharge, and asked him how long it had been in use. He said two weeks, and the bathroom would be done in another two weeks. I told him that I was concerned that more harmful substances than soap might be dumped down the sink and flow into the harbor, and I encouraged him to finish the remodeling quickly. During a follow-up phone conversation with Tom Young on 6/11/92, he said that the sink hook-up to the stormdrain had been removed on 5/8/92, three days after our second inspection.

We then proceeded to the enclosed paint shed in front of the carpentry shop. I observed that paint thinner and bottom paint were stored in the shed. There was a paint roller and pan upside down next to the paint shed, and there were stains on the ground around it. Inside the shed, what appeared to be a tub of diesel or thinner was open to the air.

Next we proceeded to the Boat/Maintenance Shed where I observed storage for waste antifreeze and oil, and new 30 weight oil and hydraulic oil (photo 13-14). The oil and antifreeze drums and waste oil buckets were stored indoors, but some of the buckets had no lids. The drums and buckets were not bermed. I also observed stains on the concrete floor.

In response to a question, Mr. Kissinger said that solvents were not used much, and that kind of work was usually subcontracted out to auto shops. He said that when solvents are used at the facility, it is usually diesel. In the northeast corner of the shed I observed a tank containing solvent (photos 15-16). Mr. Kissinger said that it was diesel, and that it hadn't been used in a long time. David Hohmann told him that this was dangerous waste and that it would have to be sent to a T.S.D. soon.

At the west end of the shop I observed a can marked 'oily rags' (photo 17). Mr. Kissinger said that all oily rags are put in the dumpster. David Hohmann told him that this was illegal if the rags were hazardous waste.

We then proceeded to the northeast outside corner of the shed, where I observed a diesel storage tank that was tarped and had secondary containment.

We finished this phase of the inspection at approximately 1130 hours, and agreed to return at 1330 hours to speak with Tom Young who was on the Kitsap peninsula. When we came back, Mr. Young had not returned. The next day I contacted Mr. Young by phone and arranged for the second phase of the inspection to occur May 5, 1992.

May 5, 1992

On May 5, 1992 at approximately 1000 hours the second phase of the inspection was conducted. I was accompanied by David Hohmann of Ecology Solid and Hazardous Waste and Gene Bennett of Everett Public Works Industrial Pretreatment.

We entered the facility office and introduced ourselves to Mr. Tom Young, who is the yard foreman working on environmental issues. We explained the purpose of our visit, and I informed Mr. Young that the facility would be receiving a Site Hazard Assessment within the next 6 weeks.

In response to a question, Mr. Young said that all storm drain sumps on the site are cleaned out approximately once a year, and that there are no oil/water separators on any of the drains. He also said that the temporary sink hookup now discharging to the storm drain was still in use, but that it should be dismantled within the next two weeks.

He told us that the facility was one of John Wylie's (Metro) test sites for a recirculating hydroblast system for larger vessels, and that the system was only partially successful.

We then proceeded to the area south of the marine railway where the skids are located. Mr. Young said that the facility is trying to get the area between the skids paved over incrementally as the occasion permits.

* Next we went to the area east of the wood shop where an independent cleanup occurred in 1988-89. This cleanup resulted from sampling done by Ecology in 1987 showing copper, lead and zinc contamination resulting from sandblasting waste. Mr. Young said that sand blast grit and some soil was removed from this area, which has since been paved (photo 18). He also said that sandblast grit was removed from between the skids next to the marine railway. In the paved area east of the wood shop I observed a storm drain. Mr. Young said that he believed the drain flowed to one of the outfalls on either side of the marine railway.

South of the wood shop I observed an area where sand blasting and painting was occurring in an enclosed booth (photo 19). Mr. Young said that the job was subcontracted to Custom Coatings, and that the booth was temporary. He said that Custom Coatings is their primary subcontractor for such jobs, and he thought that they took care of all their job-related hazardous waste.

West of the booth I observed sand blast grit on bare soil (photo 20). I told Mr. Young that I was concerned about this type of practice, and that it would have to be changed. He said that they are working to improve their practices.

We then proceeded to the northeast corner of the storage yard, where I observed an open bag of sand blast grit, and grit on bare soil (photo 21).

I also observed three barrels and two buckets stored between the Wood Storage Shop (not the Wood Shop). One was unmarked and empty, another was marked motor oil and was empty, and the third was marked isocyanate, and was partially full of liquid (photos 22-23). The bung on this barrel was open (photo 24). Mr. Young said that he did not know that the barrels were there. He thanked us for calling them to his attention, and said he would get them taken care of by Frontwater Services.

We then walked through the storage yard where David Hohmann found several small industrial batteries sitting on the ground in deteriorating condition. D. Hohmann put these batteries in a plastic bag and gave them to Mr. Young for disposal. Sand blast grit was observed in the yard (photo 25).

In the southwest corner of the yard I observed where the power sheds from the Elwha ferry project were stored. Inside the sheds were transformers (photo 26).

Further north, near what Mr. Kissinger described as an unused waste oil tank (photo 27) during the 4/23 phase of the inspection, I observed another bag of sandblast grit stored in the open.

Fishermen's Boat Shop
April 23/May 5, 1992
Page 7

At approximately 1135 hours I thanked Mr. Young and left for another appointment. David Hohmann and Gene Bennett stayed to observe the temporary sand blast/paint operation. I returned at 1300 hours to pick up D. Hohmann.



Rick Huey
Everett Harbor Action Team

RH:rh
Attachment: map, photo log

cc: Dave Nazy, Ecology TCP
David Hohmann, Ecology Solid and Hazardous Waste
Gene Bennett, Everett Industrial Pretreatment
Mike Papa, Everett Surface Water



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Northwest Regional Office, 3190 - 160th Ave S.E. • Bellevue, Washington 98008-5452 • (206) 649-7000

July 10, 1992

TO: DW Files-

FROM: J. David Hohmann, HW Inspector 

SUBJECT: WAD 988469706-- Fishermen's Boat Shop, (Everett, Snohomish Co.)
Dangerous Waste Compliance Inspection, 4/23/92 and 5/5/92.

(Reference: Inspection Report by Rick Huey, Ecology TCP- UBAT)

A joint inspection was conducted at the subject facility with Rick Huey. His referenced report describes much of our activity. This memo summarizes the Dangerous Waste Regulatory Compliance findings of the inspection.

A. Background

Fishermen's Boat Shop (FBS) is the largest shipyard in Everett, located in the north part of Everett Harbor. Shipyards have been at this location since the 1940's. FBS had been at this address since 1959, but only notified Ecology of dangerous waste activities in June, 1990. Then in August, 1990 it requested its ID number be withdrawn, stating the notified waste had been a "one time only" generation. In May, 1991 a letter from FBS stated that the waste notified for was asbestos waste and was sent to a solid waste landfill, without a manifest. The 1990 Form 4 had no dangerous waste reported as generated that year. When we arrived for the inspection, we found FBS to be a large quantity generator. They were using their old ID number and did not remember having withdrawn it.

B. Site Tour

The first day we walked through the facility with Beverly King, the office manager, and Terry Kissinger, the yard crew foreman. A site map is attached to this report. We began at the scrap storage yard. Then we walked along the waterfront and observed some storm drains. We looked at a paint storage shed and then went into the Fabrication Building. Finally we walked around it to the Boat/Maintenance Shed and looked at an accumulation area.

The second day we returned and walked through various areas with Tom Young, the yard superintendent. In addition to areas seen previously, we walked around the yard behind the Wood Storage Shop.

Storage Yard

The storage yard had poor housekeeping and was not organized (Photos 1 through 4, and Photos 14 through 21). Debris and solid waste was scattered around, mixed with usable materials. A number of barrels were laying on the ground and on pallets.

A lead-acid battery in deteriorating condition was on a pallet on the ground (Photos 2 and 3). A stain on the battery and the pallet may have come from a leak or spill of its contents (Photo 3).

Sandblast grit is periodically generated from the cleaning of boats and equipment on the skids and in other areas. FBS has attempted to make subcontractors responsible for the management of this waste as part of the contract for the blasting and painting. The main contractor for this type of work when we were there was Custom Coatings, Inc., owned and operated by Roy Smalley (telephone #255-5375). Custom Coatings takes some of the waste away, but it does not have a State/EPA generator ID number. We told Tom Young that FBS is responsible for the waste generated as a result of subcontractor work on their site, and that FBS would probably need to report it on their annual reports too.

We saw spent sandblast grit spilled and deposited on the ground in a number of places in and around the storage yard and outdoor work areas (Photos 4 through 8). It seemed to be a historic problem that FBS has not yet taken control of. FBS cleaned up one area two years ago at Ecology's request to deal with some identified copper, lead, and zinc contamination, but much more cleanup may be required. The spent blast grit may or may not qualify as dangerous waste; we did not see evidence of any testing. Gray drums of the spent blasting grit were not labeled as dangerous waste (Photos 7, 9, and 10). The containers most recently generated were only closed by a plastic sheet wrapped with duct tape. 1990?

Custom Coatings was painting some metal pieces in a temporary enclosure near the wood shop (Photo 11). A 5-gallon waste paint thinner accumulation bucket was not labeled as dangerous waste (Photo 12). The worker we talked to said sandblast grit was collected and re-used until it was dusty, and then put in barrels (Photo 9). He said Roy Smalley (the boss) took care of the dangerous waste after a job was finished.

In the storage yard, several containers of paint thinner, paint waste, rust preventer, bilge waters and creosote, were lacking DW labels (Photos #13-14). A creosote drum in the yard had a spill on its top and was uncovered (Photo #15). Some old drums were open, unlabeled and partially full of unidentified substances (Photos 16 through 21). Tom Young said FBS had not been aware that some drums were out behind the wood storage shed (Photos 16 and 20). One open drum was labeled as isocyanate (Photos 19 and 20).

Frontwater Services, Inc. (FWS), a registered transporter, had acted as FBS's primary environmental service contractor since the founding of FWS about 5 years ago, Tom Young said. FWS had sampled and was trying to profile some of the waste in the storage yard during our first visit (Photo 13). They had transported that waste off site (under straight bill of lading) by the time we returned. We received copies of all paperwork and manifests for FWS services, but there were few manifests.

A large fraction of the waste described on FWS shipping papers was identified for DOT purposes as petroleum oil solution. Mr. Young said FWS takes spent diesel fuel that FBS uses as paint thinner. They also pump and rinse various drums that FBS wants to get rid of as scrap metal. Sometimes bilge waters on boats that come in are put in the drums. FWS shipping papers also specified that some regulated wastes such as sludge, thinner, paint, "float stuff," "hot oil", paint thinners, paint solids, paint, xylene, and MEK were taken away, but FBS had no manifests for them. Mr. Young said Peter Hoffman (president of FWS) would fill out any necessary manifest paperwork after the driver got back to their transfer facility with a load, and FWS would send any required copies back to FBS for signature, etc. For example, see the attached two copies of manifest #92104. The shipment was sent on a tanker truck, and the quantity had been revised by Peter Hoffman of FWS, from 700 gallons to 400 gallons. No records were found for any FWS shipments in January-March 1992, but they made 5 pickups in April.

Boat/Maintenance Shed

FBS said Clean Care, Inc. was their waste transporter for used antifreeze, used oil, and used oil filters. Those were accumulated inside the Boat/Maintenance Shed in drums and buckets (Photos 22 and 23). The antifreeze drum had no DW label or accumulation start date (Photo 22). We did not see any manifests for Clean Care pickups.

An out-of-service parts cleaning tank containing several gallons of spent solvent was also in the Boat/Maintenance Shed (Photos 24 and 25). Some buckets next to it may have contained more solvent waste and lacked waste labeling. We told FWS that spent solvent would have to be disposed as DW.

A special container was marked for accumulating oily rags in the Boat/Maintenance Shed (Photo 26). Later we photographed some products which are used with rags and might make the rags designate as hazardous when discarded (Photo 32). The rag container was full of garbage (Photo #26), and both rags and garbage together were disposed of as solid waste. We told FWS that this was probably unacceptable and recommended finding a laundry to take their rags.

Housekeeping practices seemed to be poor with respect to the use of paint and solvents. We found two cans of paint with brushes in them which were unattended and may have been abandoned (Photos #27 and 28). One of them was only a few feet from the edge of the dock (Photo #28). A used pan of roll-on paint had been inverted over a piece of wood and had spilled paint onto the ground (Photo #29). A tub holding several gallons of diesel (used as thinner) was open to the air in the paint storage shed.

No documents other than the manifests and bills of lading discussed above were reviewed during the inspection.

FBS said that they had generated hazardous waste while working on the Elwha ferry for the D.O.T. which had been at another dock in Everett. A generator ID number belonging to the D.O.T. was used for those manifests, they said.

C. Special Considerations

Two wooden boxes labeled, "Safety Suggestions," had been abandoned in the storage yard (Photo #31). When we remarked about this, Beverly King and Tom Kissinger said that they thought the boxes just weren't too popular with the employees.

From at least April 23 to May 5th, the facility was discharging sink water to the storm sewer and the Harbor, without a permit, in violation of water quality regulations (Photo #33). Rick Huey will be following up on that and related issues.

D. Summary of Violations

1. WAC 173-303-060 Notification.

FBS was using a withdrawn State/EPA Identification number. They had incorrectly notified as a one-time-only generator. They had not taken responsibility for assuring that waste generated on site by subcontractors was being properly disposed.

2. WAC 173-303-070 Designation of Dangerous Waste.

FBS must take responsibility for the accurate designation of its solid waste. It was apparent that the various subcontractors and service providers (Custom Coatings, Frontwater Services, and Clean Care) were not adequately designating and managing the wastes generated on site.

3. WAC 173-303-180 Manifest.

FBS was not manifesting some of their generated dangerous wastes. The disposal methods and disposal locations for those wastes were therefore unknown. The wastes were placed in the solid waste dumpster (contaminated rags); or taken away by Clean Care (used antifreeze); by Frontwater Services (paint thinner, paint waste, sludge, hot oil, MEK, Xylene, and oily water); or by Custom Coatings (sandblast grit, and paint wastes). Some waste FBS sent to Frontwater Services was being retroactively manifested. FBS must assure the proper handling and disposal of all its dangerous waste by sending them to a permitted facility, under a manifest.

4. WAC 173-303-145 Spills and Discharges into the Environment.

We saw piles of waste sandblast grit on the ground, and an open bag of the grit. There was an extensive occurrence of grit on the ground, including evidence of recent spills.

Paint containers were not being managed carefully after use and we saw abandoned cans with brushes, paint stains on the ground under an inverted used paint pan, and a questionable green stain next to the storm sewer grate by the Fabrication Building. A battery in the storage yard was stained, indicating acid had leaked. A creosote dispenser had spilled residues that mixed with rainwater on the top and sides of the drum. Spills were not reported and cleaned up.

5. WAC 173-303-200 Accumulating Dangerous Waste On-Site.

Containers of dangerous waste were open and exposed to the weather, and were kept in areas without roofs and without secondary containment. No dangerous waste labels were being used on any of the containers. Risk labels and accumulation start dates were also missing. The contents of many containers could not be identified. Weekly inspections (or their logs) were not being done for the areas where waste was being accumulated.

We did not see evidence of FBS complying with the other requirements for large quantity generators that are referenced in this section (WAC 173-303-330 through -360: personnel training, contingency plan and emergency procedures, and general inspections).

JDH:tm

List of Attachments

Everett Harbor Action Team Inspection Report
Inspection Photographs - 33 mounted plates
Ecology Generator Inspection Checklist
Ecology NWRO Facility Safety Checklist
LDR Inspection Checklist

Materials photocopied during the inspection:

Manifests and shipping papers from Frontwater Services.

From Ecology Headquarters:

Form 2, 06/27/90 (first notification).
Form 2, 08/02/90 (withdrawal of ID #).

cc: Rick Huey
Gene Bennett
D. Lundstrom

Hazardous Waste
Inspection Log

CONTAINER INDEX ID#	Waste Description	DOE Waste #	Container Location	Container Condition	Quantity
1	Empty TK		Shop	OK	MT
2	Waste oil TK			OK	50
3	Empty TK			OK	MT
4	TK with Paint Sediment			OK	1/4 Full
5	Waste Diesel TK			OK	1/4 Full
6	Waste oil 55 GAL			OK	Full
7	Waste Water 55 GAL			OK	Full
8	UNKNOWN Liquid 55 GAL			OK	30 GALS
9	Waste Paint Thinner 55G			OK	10 GALS
10	Waste Paint Thinner 55G			OK	Full
11	Waste Paint Thinner 55G			OK	Full
12	Waste Antifreeze 55G			OK	Full
13	USED oil Filters 55G			OK	Full
14	Waste oil / WATER 55G			OK	40 GALS
15	↓ ↓ ↓ ↓			OK	50 GALS
16	↓ ↓ ↓ ↓			OK	50 GALS
17	↓ ↓ ↓ ↓			OK	50 GALS
18	Waste oil TK			OK	110 GALS
19	Empty TK			OK	MT
20	Empty TK			OK	MT

DATE: 7/27/92
 ACTIONS TAKEN: none

Inspector: OMF

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identify
reconnect
reason/hazard
container

"Accumulating"

"satellite"

< today

- labeling
weekly
inspections
(Logos)

note
what = spent

special handling practices
accumulation
recording
reuse of site

reused
recycle/reclaim
not discard

SPILLS
- contingency plan
procedures
local management

"wastes"

"wastes"

"Accumulation"

???

waste streams

each one a line

???

wastes

Who's transporter, where are the loads going to each waste stream?

a spill is a waste

Why this distinction?

Please complete and return this form to J. David Hohmann at Dept. of Ecology, NWRO; 3190 160th Ave. S.E.; Bellevue, WA 98008; within 30 days.

RECEIVED

AUG 18 1992

DEPT. OF ECOLOGY

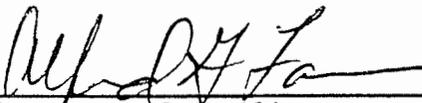
CERTIFICATE OF COMPLIANCE

As an authorized representative of Fishermen's Boat Shop, Inc., I certify that to the best of my knowledge, the compliance of our hazardous waste facility located at 1016 - 14th. Street, Everett, WA 98201, Facility ID Number 9884692104, is shown below.

COMPLIANCE STATUS

--please list compliance date & initial "complied" or "not..."--

<u>Items of Noncompliance</u>	<u>Compliance Date</u>	<u>Complied</u>	<u>Not Complied</u>	<u>Comments</u>
WAC 173-303-060	8/13/92	AGF		NONE
WAC 173-303-070	8/13/92	AGF		NONE
WAC 173-303-145	8/13/92	AGF		NONE
WAC 173-303-180	8/13/92	AGF		NONE
WAC 173-303-200	8/28/92	AGF		NONE


Signature of Facility Rep.

8-13-92
Date

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AUG 03 1992

Fishermen's Boat Shop, Inc.

September 15, 1992

RECEIVED

SEP 18 1992

DEPT. OF ECOLOGY

1016 - 14TH STREET
EVERETT, WASHINGTON 98201-169
TELEPHONE (206) 259-0137
(206) 743-7530
(206) 258-2298 FAX

J. David Hohmann
Department of Ecology
3190 - 160th Ave. S. E.
Bellevue, WA 98008-5452

Subject: 60 Day Update

Reference: Dangerous Waste Compliance Inspection Letter of July 10, 1992

Attention: J. David Hohmann

Mr. Hohmann:

This letter titled 60 Day Update will include our clean up plan, our progress toward accomplishing our clean up plan, and our progress toward compliance with conditions set in Dangerous Waste Compliance Inspection Notice dated July 10, 1992.

Our Clean up plan is Included with this letter as reference A.

We have, to date, accomplished parts one through 3 and are working on part 4.

In response to the areas of the Dangerous Waste Compliance Inspection Letter of July 10, 1992:

Area 1:

We submitted a first edition of form 2 which was rejected due to incorrect designation of waste streams, section 10 of form 2. Following this rejection we corrected the deficiency in section 10 and resubmitted a first revision of form 2. This also was rejected. Deficiencies in this submittal of form 2 were corrected and a second revision of form 2 was submitted on September 14, 1992.

Area 2:

This area has been completed with regards to our form 2.

Area 3:

We have gathered all known manifests occurring since January 1, 1992, and these are included as reference B. Any new manifests will be delivered as they occur or are located.



**Northwest
EnviroService
Inc.**

ESTIMATE PRICE QUOTE

Customer: Fisherman's Boat Shop
Address: 1016 - 14th Street
Everett, WA 98201

Phone: (206) 259-0137
Contact: Al Favre

Service: Transportation and disposal of miscellaneous wastes.

Quote Date: October 26, 1992

<u>Item No.</u>	<u>Work Description:</u>	<u>Price:</u>
1.	Environmental Technician (3 hours) <i>SAMPLING</i>	\$225.00 /
2.	Lab Analysis (11 samples)	\$2,199.00
3.	Profiling (12 WPQ's at \$35.00 each) <i>SAMPLES</i>	\$420.00
4.	Disposal of drummed waste . 2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14,	\$2,134.30
5.	Decommissioning of 8 tanks <i>15, 16, 17, 18</i> <i>1, 2, 3, 4, 5, 18, 19, 20.</i>	\$2,814.00
6.	Transportation of drums (approximately 3 hours anticipated)	\$65.00/hour <i>195.00</i>
7.	Transportation of 8 tanks (approximately 4 hours anticipated)	\$70.00/hour <i>280.00</i>
8.	Drum purchase (10 - 85 gal overpacks at \$25.00 each)	\$250.00
9.	Drum purchase (3 - 55 gal 17E at \$25.00 each)	\$75.00
		<u>\$592.00</u> <i>+ Tax</i>

**Disposal price is based upon disposal method; therefore, final disposal price will be determined when WPQ's are approved within N.W.E.S.*

Price Quote is valid for 30 days.

Quote prepared by: **Dan LaQua**
Sales Administrator



GENERATOR: Fisherman's Boat Shop W.O.#: 7-2317-00

DATE: 07/11/92 SALES ADMIN: DWL:Gua

ITEM	CHEMICAL	ACC #	CMP	VS	SIZE	QUANT	UNIT	D/C	SAMPLE	RCIDIV	PG	LABELS	SUB	HAZARDOUS WASTE NUMBER	ORIGINAL
1	EMPTY		M	MT	100	MT	MT		B			Tank = 49640			325. ⁰⁰
2	waste oil		M	L	100	50	G		2			Tank = 49636	Residue = 49515		432. ⁰⁰
3	EMPTY TANK		M	MT	200	MT	MT					Tank = 49640			325. ⁰⁰
4	TANK w/ paint solvent		M	<1%	200	<1%	<1%		4			Tank = 49639	Residue = 49517		325. ⁰⁰
5	wash diesel tank		M	L	50	10	G		5			Tank = 49640	Residue = 49621		325. ⁰⁰
6	waste oil		M	L	30	full	G		6			49515			
7	waste water?		M	L	55	50L	G		7			49623			
8	multigrade oil		M	L	55	30	G		8			49626			
9	waste paint thinner		M	L	55	10	G		(10)			49627			
10	waste paint thinner		M	L	55	full	G		(10)						
11	" " "		L	L	L	L	L		"						
12	waste antifreeze		L	L	L	L	L		12			49628			
13	waste oil filters		L	5/L	L	L	150L		13			49629			
14	waste oil/water		L	L	L	40	G		14			49630			
15	" " "		L	L	L	50	L								
16	" " "		L	L	L	50	L								
17	" " "		L	L	L	50	L								
18	Waste oil Tank		M	L	200	100	G		18			Tank = 49636	Residue = 49515		432. ⁰⁰
19	Empty tank		M	MT	300	MT	MT					Tank = 49640			325. ⁰⁰
20	Empty tank		M	MT	200	MT	MT					49640			325. ⁰⁰

COMMENTS:

Fishermen's Boat Shop, Inc.

RECEIVED

NOV 02 1992

October 29, 1992

DEPT. OF ECOLOGY

1010 14TH STREET
EVERETT, WASHINGTON 98201-1691
TELEPHONE (206) 259 0137
(206) 743 7533
(206) 258 2233 FAX

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

Subject: 90 Day Update

Ref: Dangerous Waste Compliance Inspection letter of July 10, 1992

Enclosure: 1. Clean up plan - Phase 1 & Phase 2
2. WAC-173-303-200 Accumulating Dangerous waste on-site.
3. WAC 173-303-180 Manifest

Dear J. David Hohmann,

Compliance in the remaining items as follows:

1. WAC-173-303-180 manifest response: I have forwarded our copies of our Uniform Hazardous Waste Manifest in our correspondence dated Sept. 15, 1992.

FBS has selected Northwest EnviroService as our Hazardous Waste Disposal & Management Co.

Enclosed are copies of our W.P.Q.'s, which will represent our waste on-site. All waste will be handled and disposed of in compliance with the WAC's, Local, State and Federal Regulations.

I feel at this time we are in compliance of WAC-173-303-180 and WAC-173-303-070 and will fill out and sign the Certificate of Compliance at this time.

2. WAC-173-303-200 Accumulating Dangerous Waste on-site.

Response: All containers are in a secure building, protected from the environment, labeled as required. Northwest EnviroService just completed the WPQ's. (see attached copies)

Also enclosed is a copy of our inspection logs.

Still outstanding on this item is our Contingency Plan, Training Plan and Inspection Plan. We are finishing up these items and hope to have them to you by the end of November.

3. Cleanup Plan- Phase 1 & Phase 2

Response: Phase 1 - General Cleanup of yard area and shop spaces. Removal of scrap metal, scrap wood and miscellaneous debris.

Enclosed are photos of before and after showing the general condition of the facility.

Also enclosed is a map defining Phase 1 and Phase 2 locations.

Included are the invoices from Industrial Services for receipt of the sandblast grit removed from Phase 1 cleanup. Phase 1 cleanup is completed as of 10/28/92.

Phase 2- General cleanup of yard area. Removal of scrap metal, scrap wood and miscellaneous debris. Enclosed are photos of before and after showing the general condition of the facility.

We have removed approximately 10 tons of sandblast grit to Industrial Services. Remaining sandblast grit approximately 10 tons, which is in progress for removal.

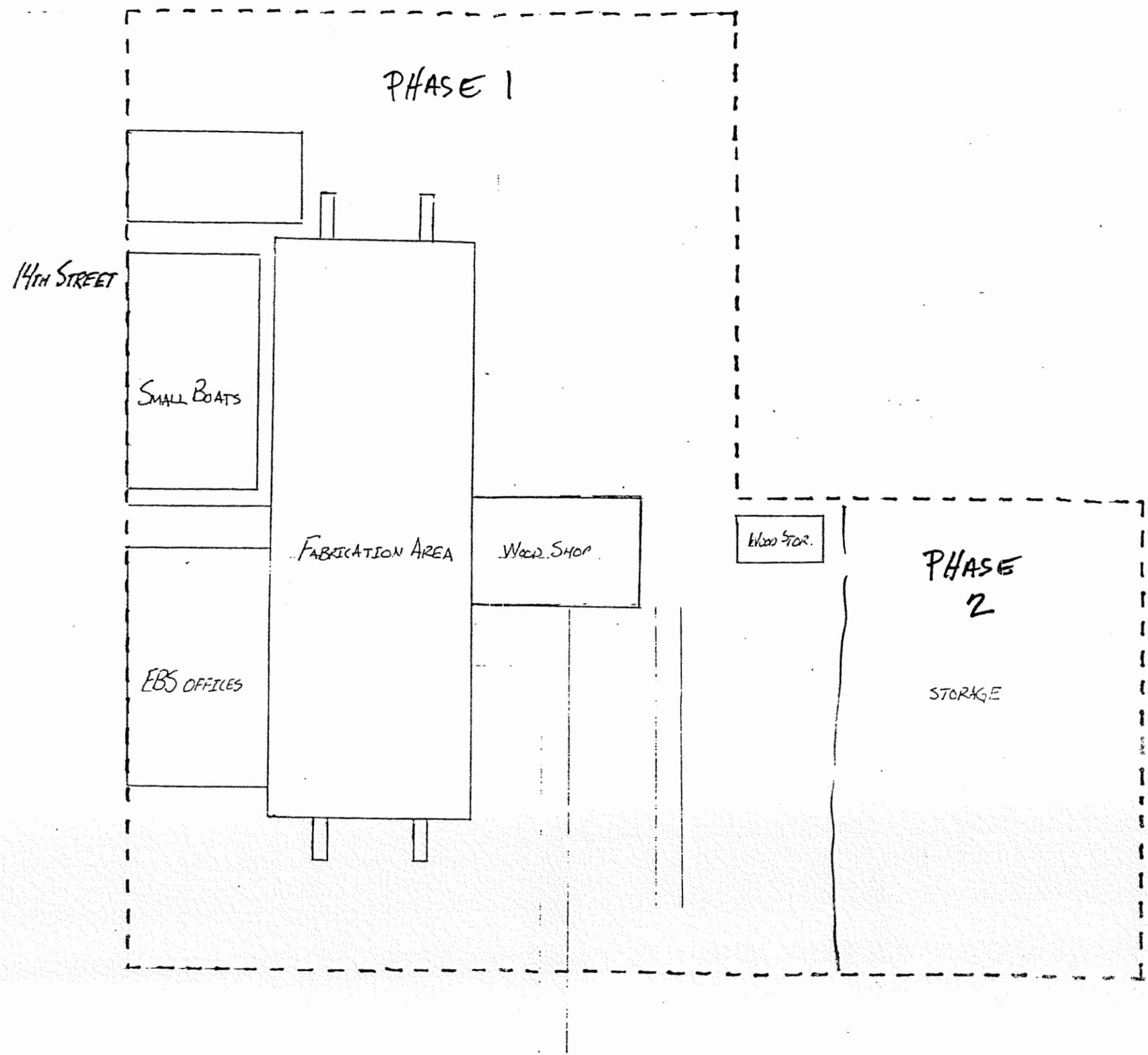
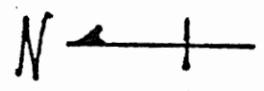
Then this should conclude our general cleanup and be in compliance with WAC-173-303-145 and the other WAC's.

Please feel free to call me at 206-259-0137, should you have any questions or require clarification.

Sincerely,



Alfred G. Favre
EPA/Safety Mgr



State of Washington Department of Ecology
Northwest Regional Office
WATER COMPLIANCE INSPECTION REPORT

Substitute for OMB No. 2040-0057 and EPA form 3560-3 (Rev. 9-94) (last file update 12-95.)

Section A: National Data System Coding (i.e., PCS)

Transaction Code 1 N 2 5	NPDES # 3 WA-003096-1 11	yr/mo/day 12 96/08/28 17	Inspection Type 18 I	Inspector 19 S	Fac Type 20 2
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Remarks

Inspection work days 67 1.0 69	Facility Self-Monitoring Evaluation Rating 70 1	BI 71 N	QA 72 N	Reserved 73 _____ 74 _____ 75 _____ 80 _____
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Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) Fisherman's Boat Shop, Inc. 1016 14th Street, Everett, WA 98201-1691	Entry Time/Date 1:35 PM 08/28/96	Permit Effective Date 06/30/94
	Exit Time / Date 3:30 PM 08/28/96	Permit Expiration Date 06/30/99

Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Nick Eitel/Vice-President (206) 259-0137 (206) 743-7530	Other Facility Data
Name, Address of Responsible Official/Title/Phone and Fax Number. same	
Phone Number _____ Fax _____ Contacted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input checked="" type="checkbox"/> Permit	<input type="checkbox"/> Flow Measurement	<input type="checkbox"/> Operations & Maint.	<input type="checkbox"/> CSO/SSO (Sewer Overflow)
<input checked="" type="checkbox"/> Records/Reports	<input checked="" type="checkbox"/> Self-Monitoring Program	<input type="checkbox"/> Sludge Handling/Disposal	<input type="checkbox"/> Pollution Prevention
<input checked="" type="checkbox"/> Facility Site Review	<input checked="" type="checkbox"/> Compliance Schedules	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> Multimedia
<input type="checkbox"/> Effluent/Receiving water	<input type="checkbox"/> Laboratory	<input checked="" type="checkbox"/> Storm Water	<input type="checkbox"/> other

Section D: Summary of Findings/Comments

Fisherman's Boat Shop, Inc. (FBS) is located in the Port of Everett marina, just south of the main haul-out area for several boatyards. FBS has a lease from the Port of Everett and has been operating in the same location for over 40 years. A yard lay-out map is attached.

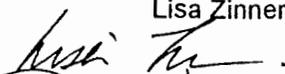
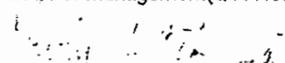
FBS performs all aspects of ship construction and repair, including fabrication, pressure washing, sandblasting, and painting. Vessels are hauled out of the water on a 300 ton marine railway. The railway brings vessels completely onshore. The area beneath the railway is asphalted and drains to a washwater collection and recycling system. This system also collects the first flush of rainwater from this asphalted area. FBS has skids for conducting repairs off the main railway carriage. From the main track, a vessel can be slid onto skids using a winch and pulley system. Tallow is used to grease the skids. The ground below the skids is partially paved. A storage area south of the skids is not paved.

Findings:

- Since the permit was issued in 1994, FBS has installed a pressure washwater collection and recycling system. The Pressure Wash Wastewater Report was approved on March 9, 1995. The pressure wash wastewater collection and treatment system includes: a concrete-paved wash pad located at the marine railway; a wash water collection vault including wash water pumping and a stormwater diversion connection; a wash water recycle system including a strainer filters, a storage tank, and a pressure tank; and a stormwater diversion discharge to Everett Marina, including a shutoff valve, catch basins and basin filter. Wastewater is transported from the storage tank to the Port of Everett boat wash wastewater treatment system for batch treatment and discharge to the sanitary sewer. Stormwater in excess of the storage capacity is discharged through Outfall 001, along with stormwater runoff from the adjacent work yard and the roof drain.
- FBS has eliminated Outfall 002 by connecting the catch basin just prior to the outfall to Outfall 001 and plugging the outfall line. There never was an Outfall 003 and Nick Eitel didn't know why Deborah North (the permit writer) thought that there was an outfall there.

On July 27, 1994, FBS appealed the issuance of the NPDES permit. The Department and FBS reached a settlement agreement on July 26, 1995. Due to a transfer of facility managers, the permit modification required by the settlement agreement was not prepared until this inspection caused a review of the permit file. The permit modification is a major modification and will be public noticed in September, 1996.

4. A review of the permit file indicated that the submittal requirements have been met except for those which were affected by the settlement agreement and permit modification. The permit modification includes the following outstanding submittal requirements: a Stormwater Sampling Plan, a Stormwater Engineering Report, stormwater effluent acute toxicity testing, and a sediment monitoring report. A Spill Plan, required to be submitted by December 30, 1994, has not been received by the Department.
5. A review of the discharge monitoring reports shows that FBS has reported two effluent violations: once for average oil and grease and once for turbidity. The majority of DMRs have been submitted with either No Discharge or No Measurable Storm Event. The monitoring requirement contained in the permit stated: "Samples shall be collected during normal operating hours with the first 60 minutes of a storm event that is greater than 0.1 inches of rainfall and at least 72 hours from the last measurable storm event (greater than 0.1 inch rainfall). If such an event does not occur during a month, the discharge monitoring report for that month shall state, "No Measurable Storm Event This Month." The permit modification will adjust this language to require monthly monitoring between 10/1 and 4/30 whenever there is a discharge from Outfall 001.
6. FBS performs work on government vessels at other, leased facilities. The vessels which are hauled out at FBS are usually barges and tugs, with some fishing vessels. Approximately 1 out of 20 vessels is sidetracked. Sandblasting and painting may occur on the sidetracks, but not pressure washing.
7. FBS would like to asphalt the remaining unpaved areas under the sidetracks. It is difficult to remove sandblast grit from unpaved areas. An accumulation of sandblast grit was present during the inspection in the sidetrack area.
8. FBS has been fabricating steel gates for dams. They feel that this type of work, which is done inside the building, is a potential future business option for this facility.
9. FBS was cleaning up the storage area south of the sidetracks during the inspection. FBS would like to gravel this area in the future.
10. A catch basin located on the east side of the fabrication shop building (towards Marine View Drive) was located. According to Nick Eitel, this catch basin is not connected to the storm drain system and floods in the winter. It was suggested that this catch basin be closed off with a steel plate if it is not being used.
11. Environmental Transport, Inc. was pumping out bilge water from a vessel on the marine railway during the inspection.
12. The Port of Everett has recently improved the asphalted access road along the bulkhead to the west of the sidetrack area and storage area. The road contains a storm drain which may be impacted by sandblast grit from the sidetrack area. This storm drain outfall is on the opposite side of the marine railway from Outfall 001. In a discussion with Bob McChesney of the Port of Everett, he stated that although the storm drain is on Port property, the sandblast grit is the responsibility of FBS and FBS should take all appropriate measures to prevent the contamination of this storm drain by the grit. The Department agrees with this. This storm drain will have to be included in the Stormwater Engineering Report required in the modified permit.

Name(s) and Signatures of Inspector(s) Lisa Zinner, P.E. 	Agency/Office/Telephone WA Dept. of Ecology/NWRO/(206) 649-7276 3190 160th SE, Bellevue, WA 98008-5452	Date 09/19/96
Rick Huey 	WA Dept. of Ecology/NWRO/(206) 649-7256 3190 160th Ave. SE, Bellevue, WA 98008-5452	9/20/96
Signature of Management/Q A Reviewer 	Agency/Office/Phone and Fax Numbers WA Dept. of Ecology/NWRO/(206) 649-7000 fax (206) 649-7098	Date

UNANNOUNCED Inspection



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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

January 26, 2001

CERTIFIED MAIL

7000 0520 0016 0720 3298

Mr. Nick Eitel
Fishermen's Boat Shop, Inc.
1016 - 14th Street
Everett, WA 98201

Dear Mr. Eitel:

RE: NPDES Permit Issuance
Fishermen's Boat Shop, Inc.; Permit No. WA-003096-1
Expiration Date: June 30, 2004

Under the provisions of Chapter 90.48 RCW Water Pollution Control Laws as amended and the Federal Water Pollution Control Act (The Clean Water Act) Title 33 United States Code, Section 1251 et seq., the enclosed NPDES Permit No. WA-003096-1 is hereby issued to Fishermen's Boat Shop, Inc. located at 1016 - 14th Street, Everett, WA (Snohomish County).

The permit authorizes the Permittee to discharge marine railway flood water and stormwater to Port Gardner Bay subject to the terms and conditions of the permit.

Pursuant to RCW 90.48.465, a permit fee will be assessed. Semi-annual notices for payment will be mailed to you from our office in Olympia.

Any person feeling aggrieved by this NPDES permit may obtain review thereof by application, within 30 days of receipt of this permit, to the Washington Pollution Control Hearings Board, Post Office Box 40903, Olympia, WA 98504-0903. Concurrently, a copy of the application must be sent to the Department of Ecology, Post Office Box 47600, Olympia, WA 98504-7600. These procedures are consistent with the provisions of Chapter 43.21B RCW and the rules and regulations adopted thereunder.



Mr. Nick Eitel
Fishermen's Boat Shop, Inc.
Page 2
January 26, 2001

Any appeal must contain the following in accordance with the rules of the hearings board:

- a) The appellant's name and address;
- b) The date and number of the permit appealed;
- c) A description of the substance of the permit, that is the subject of the appeal;
- d) A clear, separate, and concise statement of every error alleged to have been committed;
- e) A clear and concise statement of facts which the requester relies to sustain his or her statements of error; and
- f) A statement setting forth the relief sought.
- g) A copy of the order, decision, or application appealed from.

An application for permit renewal must be made at least 180 days prior to the expiration date of this permit. If at any time during the term of this permit a question should arise regarding the permit or discharge, or if there is a significant change in the discharge or operation, please contact John Drabek at (425) 649-7293.

Also enclosed is Ecology's Fact Sheet and a pre-printed Discharge Monitoring Report (DMR) form with a key for codes used. Please note that your permit limits, frequency, and sample type are printed in the shaded areas of you DMR. This is your master copy. Please make copies as needed for your submittals. If no discharge occurs during a monitoring period, you must still submit a DMR with a statement that no discharge occurred.

Sincerely,

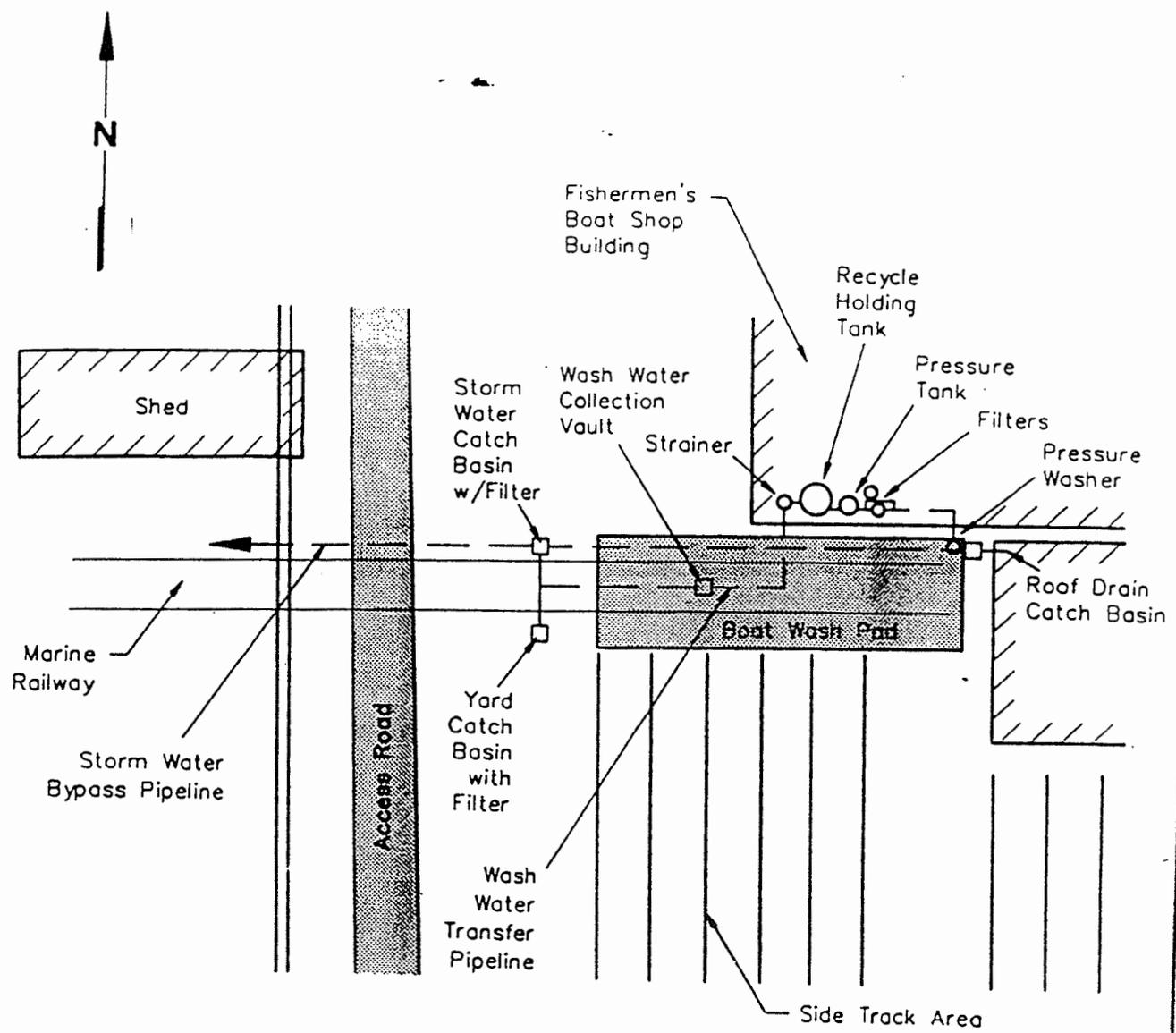


Pam Elardo, P.E.
Water Quality Section Manager
Northwest Regional Office

PE:TM:tm
Enclosures

cc: Bev Poston, Permit Fee Unit
John Drabek, Facility Manager
Chris Smith, WPLCS
Central Files: WQ 1.1, WA-003096-1

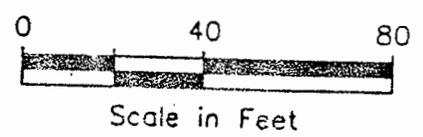
288001.10 Fishermen's Boat Shop/Wastewater Engineering Report 10/94



KEY

- Catch Basin
- - - Pipeline
- ▨ Existing Building

- Notes:
1. Dimensions are approximate and are intended to show relative locations.
 2. All facilities are not shown.

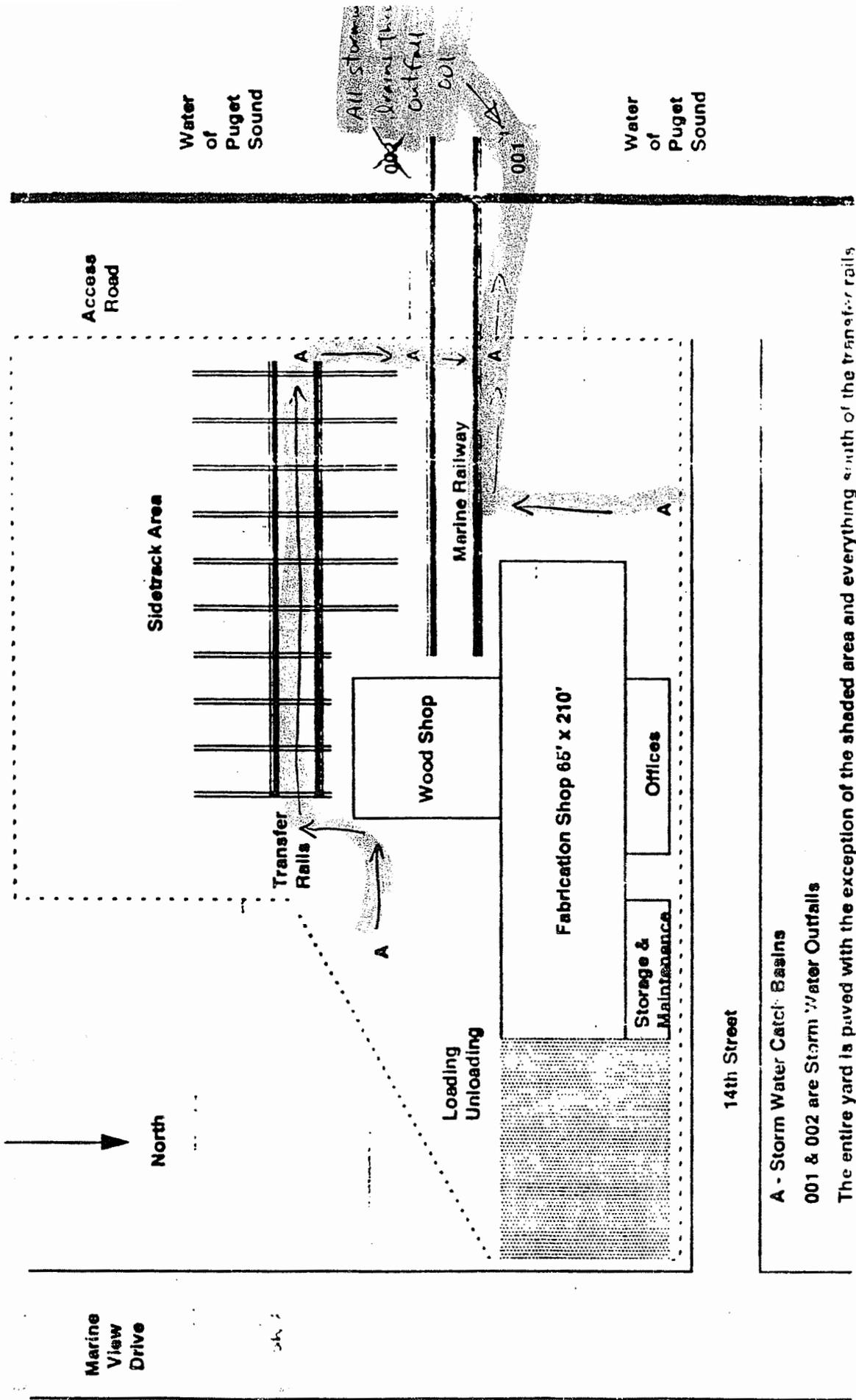


Fishermen's Boat Shop, Inc.
Pressure Wash Facility Site Plan

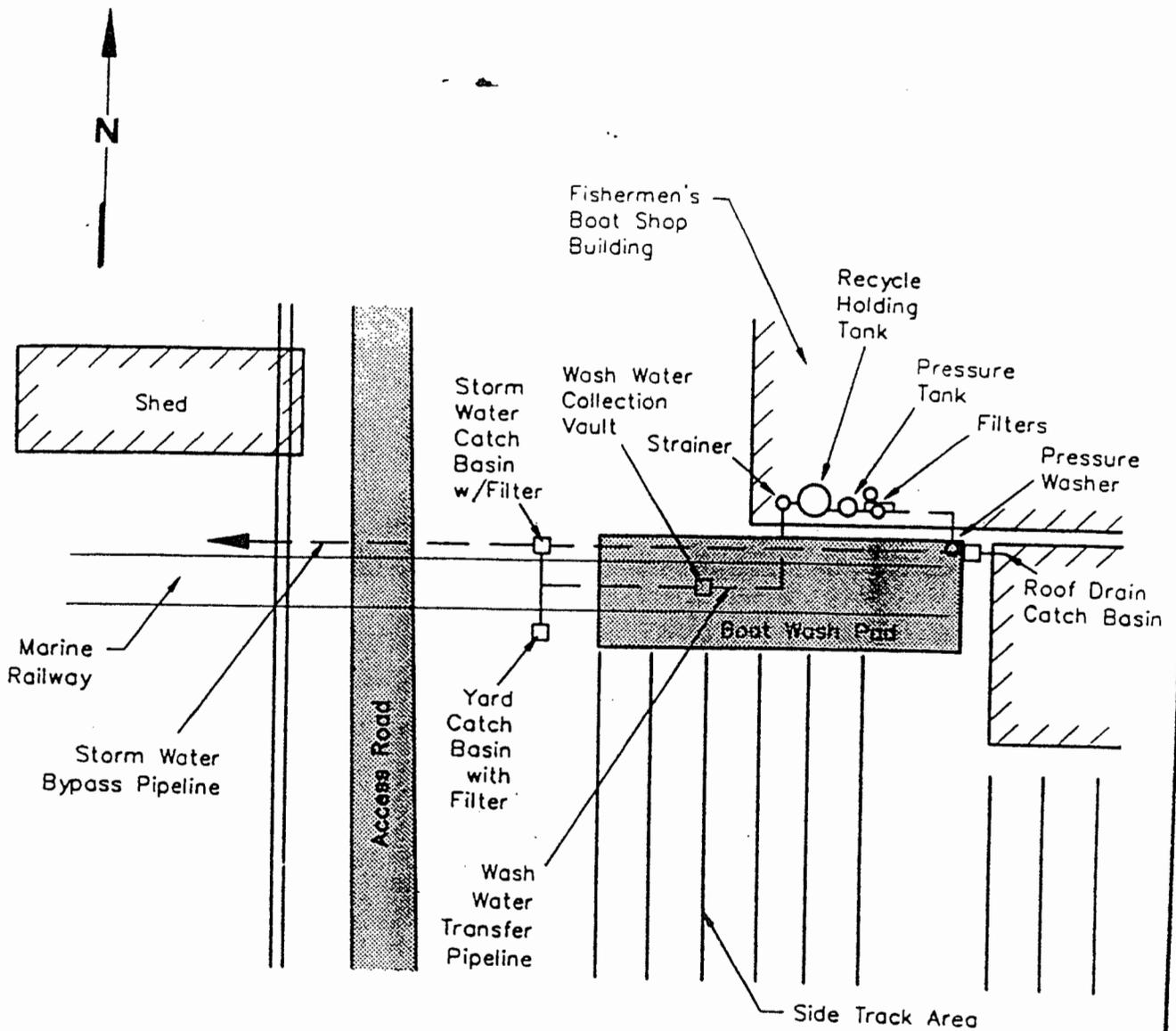
Figure 2-3

Figure 2
Exhibit 4

Fishermen's Boat Shop, Inc. Site Map



A - Storm Water Catch Basins
001 & 002 are Storm Water Outfalls
The entire yard is paved with the exception of the shaded area and everything south of the transfer rails
All Storm Water North of Marine Railway Drains thru Outfall #001, with the exception of 002

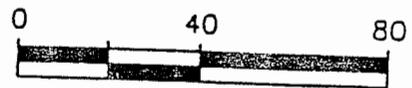


KEY

- Catch Basin
- Pipeline
- ▨ Existing Building

Notes: 1. Dimensions are approximate and are intended to show relative locations.

2. All facilities are not shown.



Scale in Feet



Fishermen's Boat Shop, Inc.
Pressure Wash Facility Site Plan

Figure 2-3

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits. **wqt.m**

1. Article Addressed to:

Mr. Nick Eitel
 Fisherman's Boat Shop, Inc.
 1016 14th Street
 Everett, WA 98201

2. Article Number (Copy from service label)

700 0520 0016 0720 3298

PS Form 3811, July 1999

Domestic Return Receipt

102595-99-M-1789

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery

Anita Keith 1-29-01

C. Signature

X Anita Keith

 Agent
 Addressee

 D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type

 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.
4. Restricted Delivery? (Extra Fee) Yes

Facility Data

WA DOT Norton Terminal MV Elwha
1710 W MARINE VIEW DR
EVERETT, WA 98201

Contact (HWSC): Wayne Casper (360) 780-3107

EPA ID: WAD 988 483 806

FS ID: 95872673

County: SNOHOMISH

Region: NWRO

SIC Codes(s) Description

9999 NONCLASSIFIABLE ESTABLISHMENTS

Site Contact: Wayne Casper (360) 780-3107

WA DOT Norton Terminal MV Elwha
Attention: Wayne Casper
497 HARBORVIEW DR SW
BAINBRIDGE ISLAND, WA 98110-2445

Generator Status History

WA DOT Norton Terminal MV Elwha
1710 W MARINE VIEW DR
EVERETT, WA 98201

Contact (HWSC): Wayne Casper (360) 780-3107

EPA ID: WAD 988 483 806

FS ID: 95872673

County: SNOHOMISH

Region: NWRO

SIC Codes(s)	Description
--------------	-------------

9999	NONCLASSIFIABLE ESTABLISHMENTS
------	--------------------------------

Generator Status	Reporting Year
------------------	----------------

NO DATA

Waste Streams For Reporting Years: #Err To #Err

WA DOT Norton Terminal MV Elwha
 1710 W MARINE VIEW DR
 EVERETT, WA 98201

EPA ID: WAD 988 483 806 FS ID: 95872673 Region: NWRO
 County: SNOHOMISH
 Contact (HWSC): Wayne Casper (360) 780-3107

SIC Codes(s)	Description
9999	NONCLASSIFIABLE ESTABLISHMENTS

YEAR	SEQ #	ORIGIN	DESIGNATION	DESCRIPTION	TOTAL POUNDS

	#Error	#Error	Total for	#Error
--	--------	--------	-----------	--------

Records of Communication



PROJECT:	<u>Port of Everett - North Marina</u>		
PROJECT#:	<u>147016</u>	Past? <input type="checkbox"/>	Current? <input checked="" type="checkbox"/>
CALL TO:	<u>Bob McChesney</u>	FIRM:	<u>Port of Everett</u>
Phone:	<u>(425) 259-3164</u>		<u>Bobm@portofeverett.com</u>
CALL FROM:		FIRM:	
Phone:			
MEETING WITH:			
ADMINISTRATIVE:			
RE:	<u>Preliminary Infor for Phase I ESA</u>		
DATE:	<u>6-25-01</u>	TIME:	<u>0830</u> <input checked="" type="radio"/> A.M. or P.M.

Remarks: I called Mr. McChesney to try to gather information for our Phase I ESA & set up a site visit. He indicated that he would provide a list of contacts for the various facilities at the Port but he wants to get back with me to provide permission for LAI to contact representatives regarding environmental issues. We agreed that I would fax him a list of businesses that were identified in the EDR report & he will try to provide further information. He indicated that the Port Conference Center was confirmed to contain asbestos materials. He said that he may have copies of previous environmental reports. He did not have info on lead-based paint or PCB-containing materials. He recommended our contacting Dean Shaughnessy (425) 388-0600 Continued on back

Action: I will send a fax to Mr. McChesney to see if he can provide information on sites identified by EDR. We will also contact the Army Corps (Fill maps, Aerials, Wetlands), the City of Everett (Fill maps & Aerials), & Dean Shaughnessy (ARSDS).

regarding a master list of Material Safety Data Sheets for the Port property. He also indicated that some groundwater monitoring wells may have been installed at the MSRC at the Port. He said that some heating oil tanks may be present. He did not know of any classified wetlands at the port. He recommended that we contact the Army Corps of Engineers or the City of Everett for historical aerial photos and fill history maps.

- Martin Bowen



COMMUNICATION RECORD

(For Internal Use)

Date: 6/26/01

Project No.: 652001-020

- Incoming Call Meeting Current Job Prospective Job
 Outgoing Call Administrative Past Job Other, Specify _____

Project Name Part of Everett-North Marina-Phase I ESA Time 11:45 (A.M.) or P.M.
 Person Ms. Lisa Patterson Firm TC Systems Phone No. _____
 Recorded By _____ Route to _____

Subject: Phone Interview

Remarks:

~~to~~ GCI interviewed Ms. Patterson by phone.
 Ms. Patterson stated the following:

= Site business involves metal finishing including painting -
 - waste stream includes filters, powders, paint thinners, used paints.

- Metals such as chromium, lead and copper (etc) are allowed to "settle out" of process water before it is discharged under permit to the city. The process water settles out in "chemical tanks" onsite - ASTs.

- Business has operated as "TC Systems" since 1979.

- No WBS known of.

- END -

Continued on back

Action:



LANDAU
ASSOCIATES,
INC.

Environmental and Geotechnical Services

COMMUNICATION RECORD

(For Internal Use)

Date: 6/28/01

Project No. 52001.826

- Incoming Call
 Meeting
 Current Job
 Prospective Job
 Outgoing Call
 Administrative
 Past Job
 Other, Specify _____

Project Name Port of Everett - North Marina - Phase I ESA Time A.M. or P.M.
 Person William Hook Firm Performance Marine Phone No. 425 258-9292
 Recorded By GCT Route to _____

Subject: Site - Reconnaissance

Remarks:

GCT and MTP toured the site building with Mr. William Hook. In general, the site was fairly well maintained. A small amount of engine products used associated with outboard boat motor repair:

- MTP + GCT noted waste oil AST located outside west side of building. There were some ground staining from spilled motor oil, though funnels were being used.

-END-

Continued on back

Action:



LANDAU
ASSOCIATES,
INC.

Environmental and Geotechnical Services

COMMUNICATION RECORD

(For Internal Use)

Date: 6/28/01

Project No.: 652-001.020

- Incoming Call
 Meeting
 Current Job
 Prospective Job
 Outgoing Call
 Administrative
 Past Job
 Other, Specify _____

Project Name Port of Everett - North Marina - Phase I ESA. Time _____ A.M. or P.M.
 Person Don Stoltz Firm JL Brooks Welding Phone No. 425-252-1606
 Recorded By GCI Route to _____

Subject: Site Reconnaissance

Remarks:

GCI and MTP conducted site visit at JL Brooks Welding and were accompanied by Mr. Don Stoltz (of JL Brooks). ~~Mr. Stoltz~~ GCI and MTP noted possible UST vent pipe and possible UST product pipe beside western most of 2 site buildings. There was no boiler currently in the buildings. Mr. Stoltz stated that he had no knowledge of what the pipes were for and did not know of the current or previous existence of any USTs at the site.

- Paint, hydraulic oil and paint thinner stored in paint shed outside east end of main building.

< Aerial mounted electrical transformers between two site buildings.

- End -

Continued on back

Action:



LANDAU
ASSOCIATES,
INC.

Environmental and Geotechnical Services

COMMUNICATION RECORD

(For Internal Use)

Date:

7/3/01

Project No.:

652001.020

- Incoming Call Meeting Current Job Prospective Job
 Outgoing Call Administrative Past Job Other, Specify _____

Project Name Part of Everett - North Marina, Phase I ESA Time 11:00 A.M. or P.M.
 Person John Hartle Firm Everett Engineering, Inc. Phone No. 425-259-3117
 Recorded By GCE Route to _____

Subject: Everett Engineering Building M11 at 731 13th Street

Remarks: GCE toured facility (Bldg. M11) with Mr. Hartle.

- Facility use = Storage for large industrial equipment such as presses, gearboxes, motors, etc. Numerous ground stains in building on concrete floor, an asphalt drive leading to building and outside building to north in gravel lot. Many hydraulic oil spills. Aerial pole-mounted electrical transformers. 500-gallon waste oil AST in Shop. Sand blasting unit in Shop. Hydraulic oil, motor oil, used diesel fuel, industrial enamel, etc. stored in 55-gal. drums and/or 5-gal. buckets. Also paint stains in Building on floor.
- Natural Gas heat.
- Trench drain outside SE building main Door. Catch basin at NE building corner next to pole. Trench drain and oil stained ground near AST outside of N. Door leading to yard.
- Grit blast in North yard ✓
- John Hartle mentioned to GCE that previously, "several hundred ASTs" containing liquid asphalt were stored along north edge of yard to the north of site building.

- END -

Continued on back

Action:



COMMUNICATION RECORD

(For Internal Use)

Date: 7/9/01

Project No.: 652001.020

- Incoming Call Meeting Current Job Prospective Job
 Outgoing Call Administrative Past Job Other, Specify _____

Project Name Port of Everett - North Marine Phase I ESA Time 13:30 A.M. or (P.M.)
 Person David Anderson Firm Aheron International Phone No. 425-258-2616
 Recorded By GCI Route to _____

Subject: _____

Remarks: GCI spoke to David Anderson over the phone. Aheron leases entire building at 1130 W. Marine View Drive from the Port. Aheron then subleased portions to Sunset Body Works, Churchill Marine Canvas and Dunlap Ind. Hardware. Aheron also leases warehouse buildings to the west from the Port (3 other buildings).

- Buildings at 1130 W. Marine View Drive built about 1972.

→ UST (DIESEL) "was removed" but Mr. Anderson did not know when.

- Centrecon was former business owner. Aheron business same as Centrecon → producers of concrete poles.

- 1 to 5-gallon buckets of paint + concrete additives.

- 55-gallon drums of lubricants.

- No boilers

- ACMs unknown

- No violations known of.

Buildings → A. office 1130 West Marine View.
 B. Paint Shop

C. Finishing Shop-

D. Warehouse.

- END -

Continued on back

Action:



LANDAU
ASSOCIATES,
INC.

Environmental and Geotechnical Services

COMMUNICATION RECORD

(For Internal Use)

Date: 7/27/01

Project No. 652001.016

- Incoming Call
 Meeting
 Current Job
 Prospective Job
 Outgoing Call
 Administrative
 Past Job
 Other, Specify

Project Name Port of Everett - North Marina Phase I ESA Time 10:00 AM or P.M.
 Person Barry Bogue Firm American Boiler Works Phone No. 425-259-0834
 Recorded By GCE Route to _____

Subject: Environmental Survey Questionnaire

Remarks: Mr. Bogue stated the following: American boiler works no longer makes boilers; currently they do custom steel fabrication. Operations in two buildings; ~~Plant~~ Healy assembly in Plant No. 1 at 1332 W. Marine View Drive; light assembly, painting and sandblasting in Plant No. 2 at 801 13th Street. Glue, paint and paint thinners are stored in 5-gallon and 55-gallon buckets or drums mostly at Plant No. 2. Sandblast grit and paint thinners are reused onsite. Old paint and thinner wastes are kept in 55-gal. drums until full and then properly disposed of. An AST containing methyl Ethyl Ketone exists outside the west wall of Plant No. 2 (13th Street). Age of Plant No. 2 is 35-40 yrs? and the building was originally a warehouse.

Hydraulic cranes and hoists exist in Plant No. 1. No floor drains in buildings. No lists that Barry knows of. Catch basins in parking lot outside Plant No. 1. Pole mounted Aerial electrical transformers. ✓ Building heat is Nat. gas and portable propane heaters. No boilers. Office Building at 1111 13th Street built in the 1990s.

- END -

Continued on back

Action:



PROJECT: North Marina ESA

PROJECT#: 652001 Past? Current? Prospective?

CALL TO: Denny Derickson FIRM: Daved Evans
 Phone: (425) 259-4099

CALL FROM: _____ FIRM: _____
 Phone: _____

MEETING WITH: _____

ADMINISTRATIVE: _____

RE: Knowledge of Source of Soil Berms at 14th St. Park

DATE: 7/25/01 TIME: 1400 A.M. or (P.M.)

Remarks: I called Denny & asked if he had any knowledge regarding the source of material used to create the vegetated soil berms in the park. Denny said that he only had "anecdotal" information indicating that the soil may have come from a contaminated source. He suggested that I call Bob McChesney with the Port to get more information.

Continued on back

Action: Bob McChesney previously told me that he had no records of contaminated material being placed to create the berms and said that he was aware of some anecdotal information.

- Martin Power



LANDAU ASSOCIATES, INC.

Environmental and Geotechnical Services

COMMUNICATION RECORD

(For Internal Use)

Date: 8/1/01

Project No.: 652001-020

Incoming Call Meeting Current Job Prospective Job

Outgoing Call Administrative Past Job Other, Specify _____

Project Name Part of Everett - North Marina - Phase I ESA Time 11:00 (A.M.) or P.M.
 Person Dan Galovic Firm Fire Marshall's office (Everett) Phone No. 425-257-8100
 Recorded By GCI Route to _____

Subject: UST Records.

Remarks:

Mr. Galovic left voice message for GCI stating that, although the Fire Marshall's Office had some knowledge of UST removals at sites in the North Marina, the records maintained by his office are very minimal. Mr. Galovic stated that he did not have complete records for any of the sites that could be faxed to me. He suggested searching ECOLOGY files for records of UST removals.

- End -

Continued on back

Action:



LANDAU
ASSOCIATES,
INC.

Environmental and Geotechnical Services

COMMUNICATION RECORD

(For Internal Use)

Date: 8/1/01

Project No.: 652001-020

Incoming Call Meeting Current Job Prospective Job

Outgoing Call Administrative Past Job Other, Specify _____

Project Name Part of Everett - North Marina - Phase I ESA

Time 11:30 A.M. or P.M.

Person Bob McChesney Firm P.O.E.

Phone No. 425-3880611

Recorded By GCI Route to _____

Subject: Everett Bayside Marina UST Soils + Jordan Park Soils

Remarks:

- GCI spoke with Bob McChesney of the PORT. Mr. McChesney stated that he could not recall how soils were treated after the January, 1991 removal of USTs from Everett Bayside Marina. He said "that removal could be confused with" similar tank removal at the PORT Property next door at 1100 13th Street.

- Mr. McChesney also stated he did not know the origin of soils used to create the soil mounds in Jordan Park on 14th Street.

- End -

Continued on back

Action:



PROJECT:	<u>North Marina ESA</u>		
PROJECT#:	<u>652001</u>	Past? <input type="checkbox"/>	Current? <input checked="" type="checkbox"/> Prospective? <input type="checkbox"/>
CALL TO:	<u>Barry Bogue</u>	FIRM:	<u>American Boiler Works</u>
Phone:	_____		
CALL FROM:	_____		
Phone:	_____		
MEETING WITH:	<u>Barry Bogue</u>		
ADMINISTRATIVE:	_____		
RE:	<u>Current & Past Practices at ABW Sites</u>		
DATE:	<u>8/6/01</u>	TIME:	<u>0800</u> <u>(A.M.)</u> or P.M.

Remarks:

I met with Mr. Bogue to observe ABW facilities at the Port of Everett on 8/6/01.
Mr. Bogue provided the following information:
 - Plant #1 is owned by ABW & the building is approx. 30 yrs old
 - Plant #2 building is owned by the Port and is older than 30 years
 - ABW maintains an EPA ID # for air emissions and waste generation
 - Mr. Bogue did not know of any past releases or spills to the environment
 - He has worked for ABW in Everett for approx. 19 years
 - He did not know of any environmental assessments, cleanups or reports for ABW facilities. Continued on back

Action:

- Martin D...



PROJECT: Port of Everett North Marine ESA

PROJECT #: 652001-020 Past? Current? Prospective?

CALL TO: Dan Galovic FIRM: Everett Fire Dept
Phone: Inspector (425) 257-8100

CALL FROM: Martin Powers FIRM: Landau Assoc.
Phone: _____

MEETING WITH: _____

ADMINISTRATIVE: _____

RE: Follow-up on potential records

DATE: 8-27-01 TIME: 9:15 A.M. or P.M.

Remarks:

I called Mr. Galovic to attempt to determine if the Everett FD maintains records relevant to USTs, ASTs, Hazardous Material storage, or Spill Response actions. He said that record keeping for USTs began around 1989 but the only records that he has are the dates of removal. The only records that he knows of for ASTs & Hazardous Material storage would be on inspection forms. The inspection forms are not in a database but can be looked up. He doesn't think the FD maintains spill response records, but he suggested contacting Deputy Chief Dave Dehaan 257-8109

Continued on back

Action:

I left a voice mail for Mr. Dehaan & will fax Mr. Galovic a list of potential Hazardous Material sites.



PROJECT: Port of Everett North Marine ESA

PROJECT #: 652001-020 Past? Current? Prospective?

CALL TO: Dick Eitel FIRM: Fisherman's Boat Shop
 Phone: (425) 259-0137

CALL FROM: Martin Powers FIRM: Landau Assoc.
 Phone: _____

MEETING WITH: _____

ADMINISTRATIVE: _____

RE: Status of Environmental Cleanup Actions

DATE: 8-27-01 TIME: 1:15 A.M. or (P.M.)

Remarks: I told Mr. Eitel that we were trying to determine if a Cleanup Plan was prepared and executed for the site. He said that Kevin Quigley had recently looked for that info in the FBS files but did not find anything. The FBS files also do not contain documentation on any sampling that may have been done. He did recall the presence of one heating oil UST but he did not know if it was removed or abandoned.

He will have Kevin Quigley call me.

Continued on back

Action: _____



LANDAU ASSOCIATES, INC.
Environmental and Geotechnical Services

COMMUNICATION RECORD
(For Internal Use)

Date: 9/19/01

Project No.: 652001.10

Incoming Call Meeting Current Job Prospective Job
 Outgoing Call Administrative Past Job Other, Specify _____

Project Name North Main Project Time 10:00 (A.M.) or P.M.
 Person Rory Gallagher Firm G-Logics Phone No. _____
 Recorded By LDB Route to MTP

Subject: MSRC site

Remarks: contacted Rory at suggestion of Bob McCherny. Rory did independent cleanup action while w/ Kleinfield. Work was done during construction when "hazardous substances" found during excavation for other project. Rory recalled the following:

- site was located on west side of MSRC bldg where grassy swale now present.
- found drums, scrap metal, timber and heavy TPH in the hole from an old foundation (possibly shingle).
- Thinks the waste was sent to Roswell L.F.
- Sampled sides and (maybe) bottom
- Cleanup facts met, or almost met, at all levels - samples
- Independent cleanup action report submitted to Ecology
- Kleinfield should have copy of report, but may have different location
- Maybe some groundwater contamination, but didn't do any testing

Action:



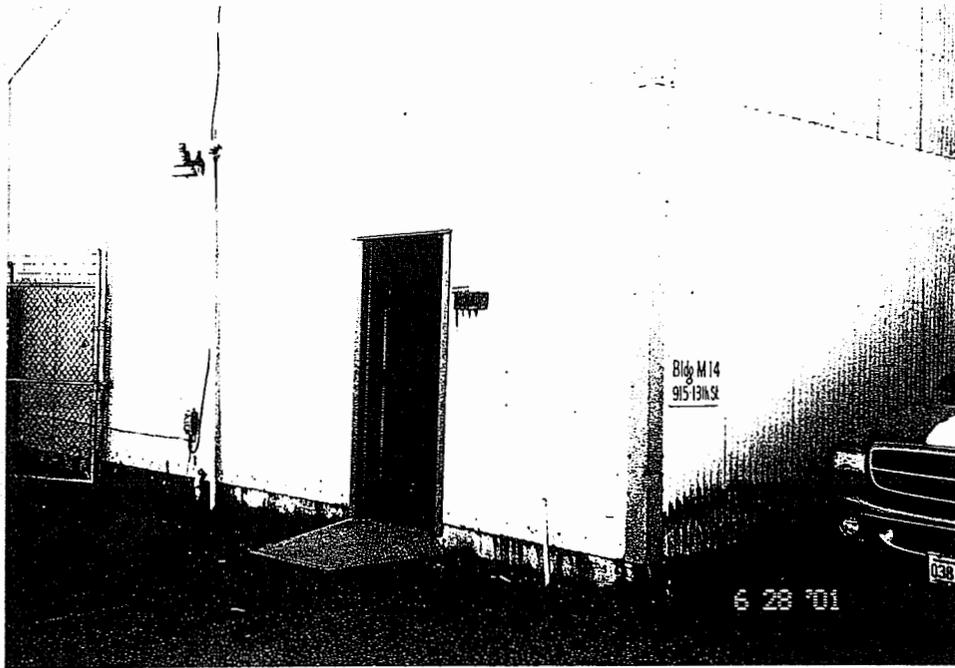
PROJECT:	<u>North Marina ESA (Part of Everett)</u>		
PROJECT#:	<u>652001</u>	Past? <input type="checkbox"/>	Current? <input checked="" type="checkbox"/> Prospective? <input type="checkbox"/>
CALL TO:	FIRM: _____		
Phone:	_____		
CALL FROM:	<u>Joe Hickey</u>	FIRM:	<u>Dept of Ecology</u>
Phone:	<u>(425) 649-4446</u>		
MEETING WITH:	_____		
ADMINISTRATIVE:	_____		
RE:	<u>Potential Clean-up Action at current MSRC site</u>		
DATE:	<u>October 4, 2001</u>	TIME:	A.M. or P.M. _____

Remarks: Mr. Hickey is with the voluntary cleanup program in the DoE. I had left him a message on 10/3/01 and asked him to call me. I explained that we had some information that indicated that independent or voluntary cleanup activity had taken place at the Port of Everett in the early 1990's at a site that is currently occupied by the Marine Spill Response Center (MSRC) at 1105 13th Street in Everett. Mr. Hickey checked the DoE data base and stated that the department did not have any records of independent or voluntary clean-up action at any Port of Everett facilities, or at the MSRC or at the address provided. He also was unable to locate records. Continued on back

Action: I will try to get additional info from Donna Masa of the DoE (425) 649-7229

for any shingle mills that may have been at the location. He said that action may have occurred prior to the DoE setting up its tracking system. He said that I may want to contact Donna Musa of the DoE. Ms. Musa updates the Environmental Report Tracking System at the DoE.

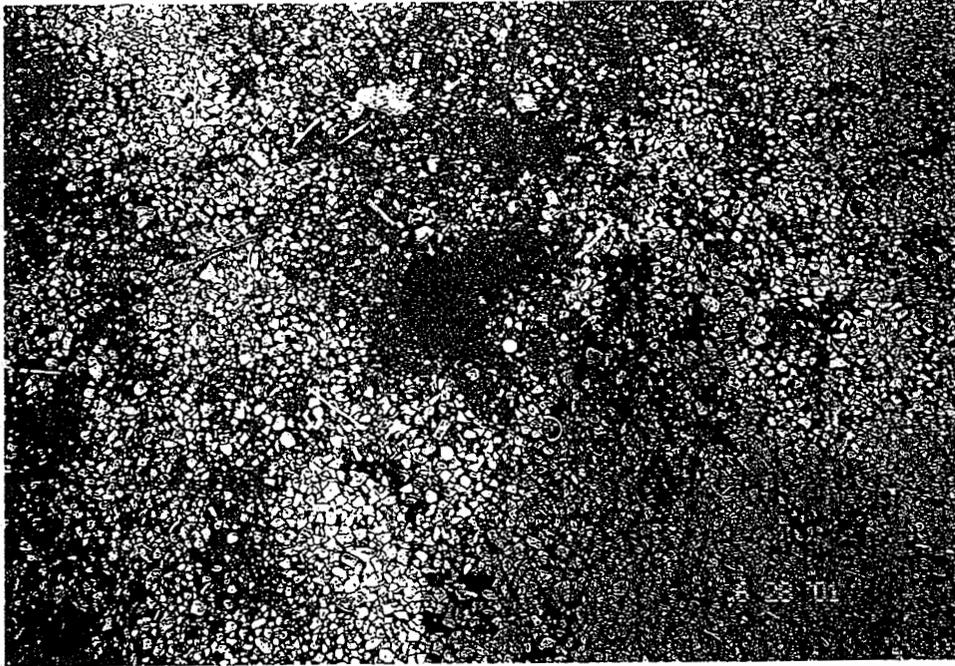
Photographs from Site Reconnaissance



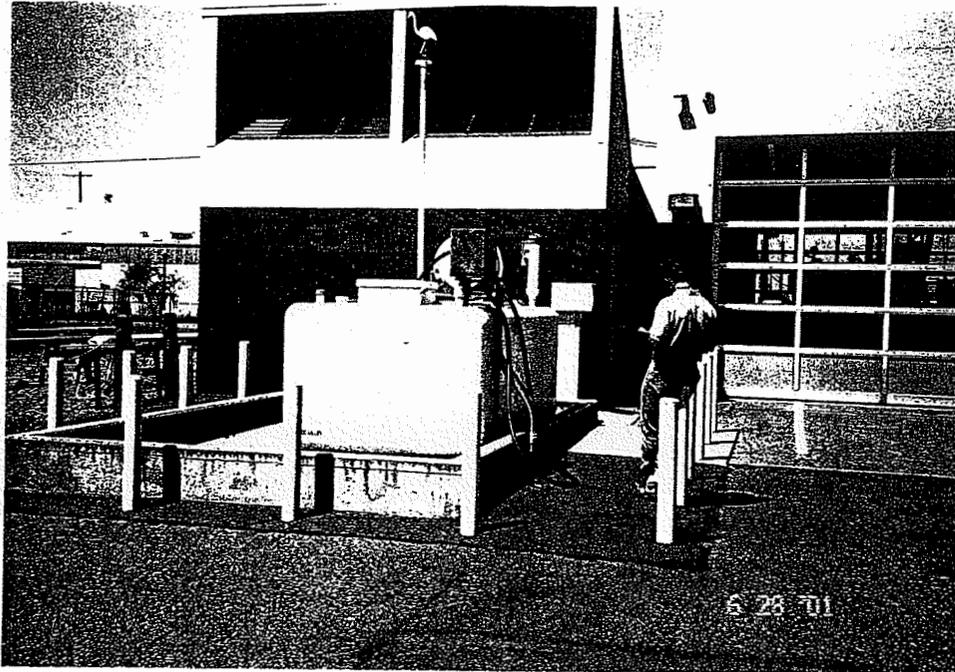
JL Brooks Welding – Possible UST vent and product piping (left side of doorway).



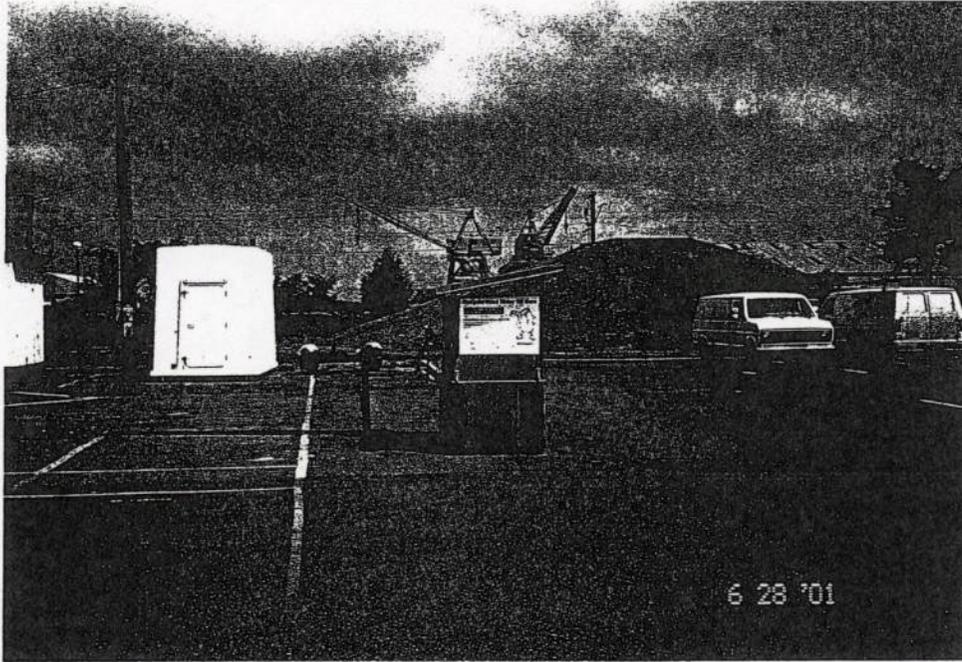
Sunset Body Works – Automobile paint booth and air filtration system.



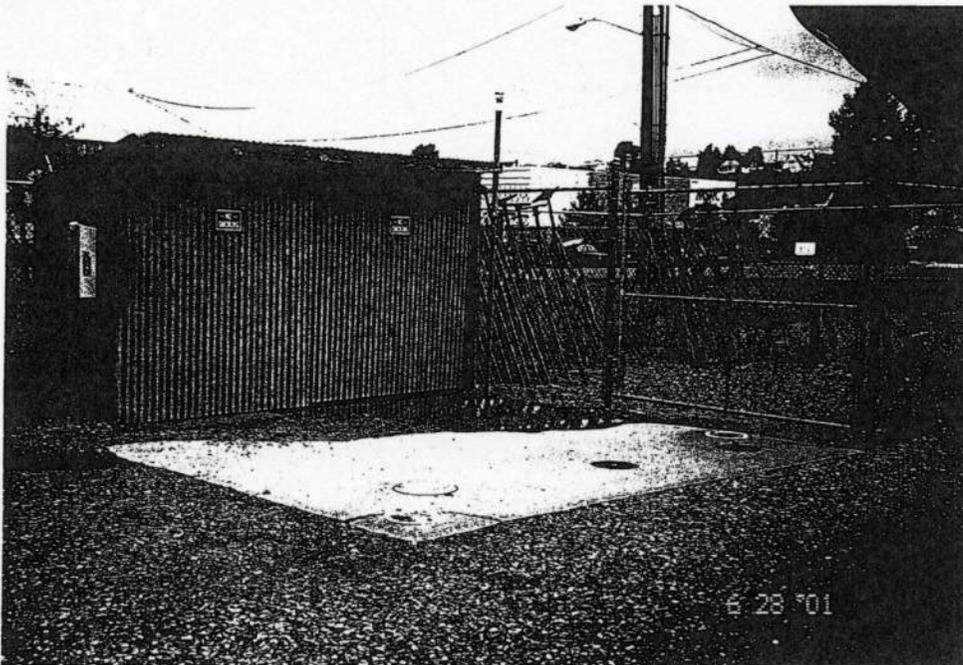
Port of Everett Yacht Basin Marina – Paint-stained ground surface in gravel lot.



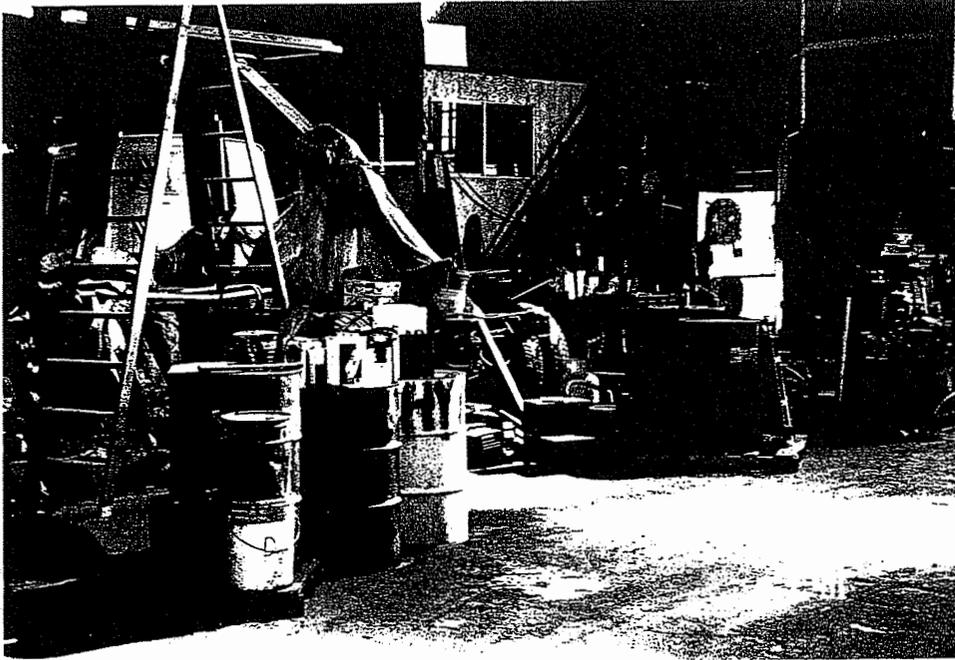
Everett Fire Station No. 3 – 1,000-gallon diesel AST south side of firehouse building.



Former United States Coast Guard Station – Waste oil recycling station and fiberglass fuel storage shed in foreground; Jordan Park in background.



Port of Everett Yacht Basin Marina – Concrete pad over unleaded gasoline UST and observation wells.



Everett Engineering Building M11 – Drums containing hydraulic oil, motor oil and diesel fuel.



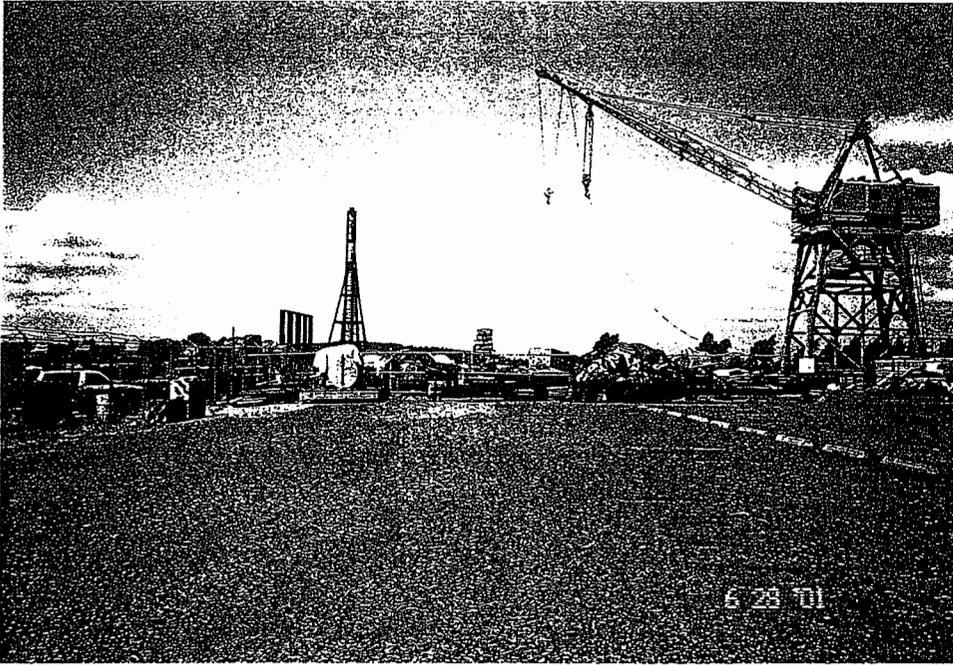
Everett Engineering Building M11 – Sandblast grit on surface of gravel lot north of site building.



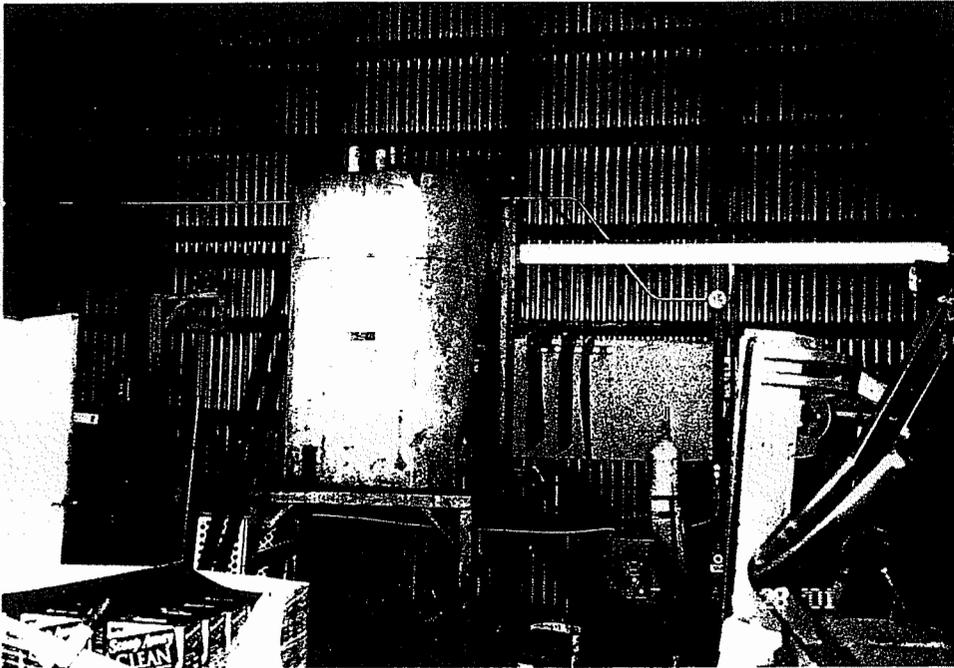
American Construction Company – Drums containing motor oil, used antifreeze and hydraulic oil along east edge of property.



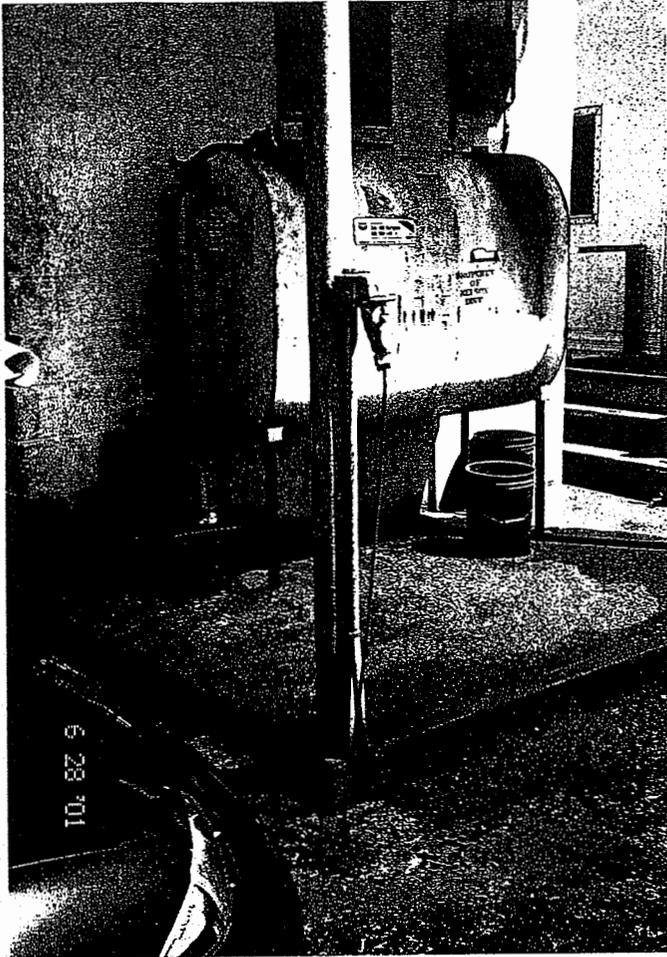
American Construction Company – Creosote-treated pilings stacked in north yard.



Port of Everett Overflow Parking Lot – Moveable AST used for sewage removal from boats stored on north side of property.



Puget Sound Truck Lines – Fresh motor oil AST in shop building.



Puget Sound Truck Lines – Oil stains on ground surface beneath 275-gallon motor oil AST.

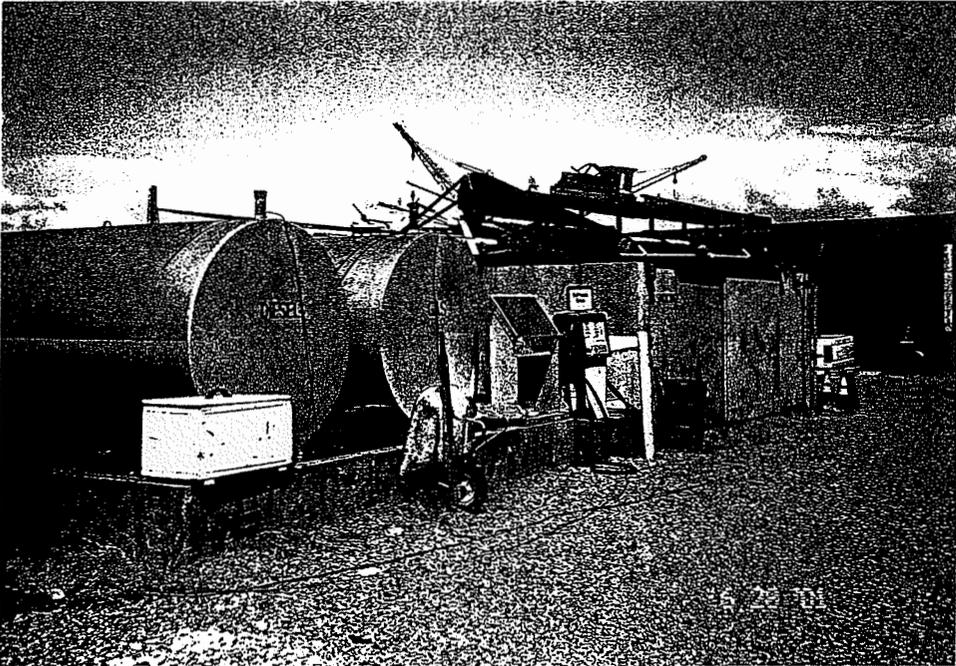


Puget Sound Truck Lines – Stained ground surface beneath dispensers of diesel AST.

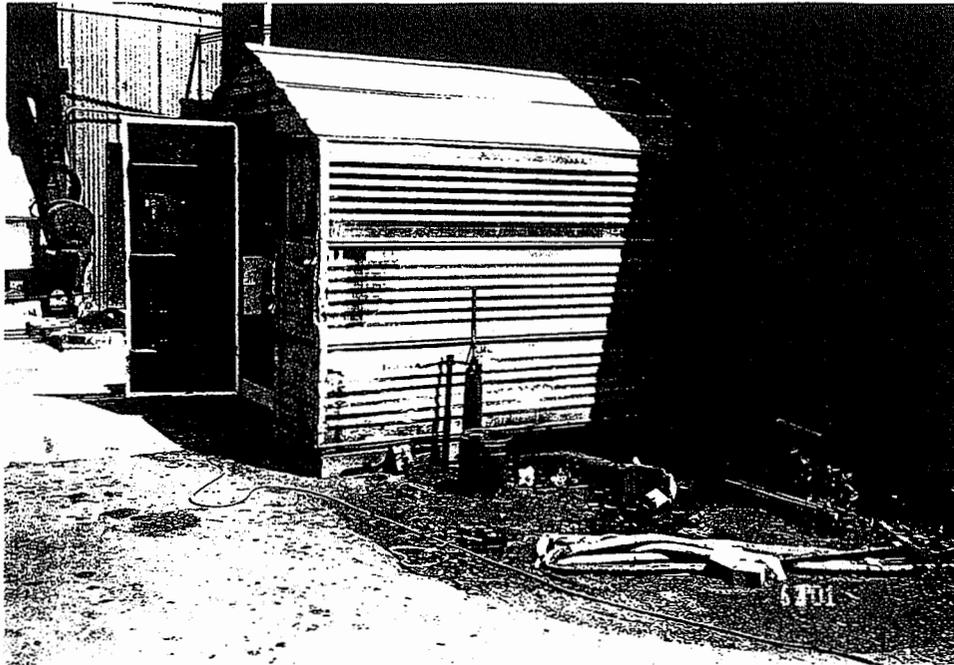
Port of Everett – North Marina
Site Photos



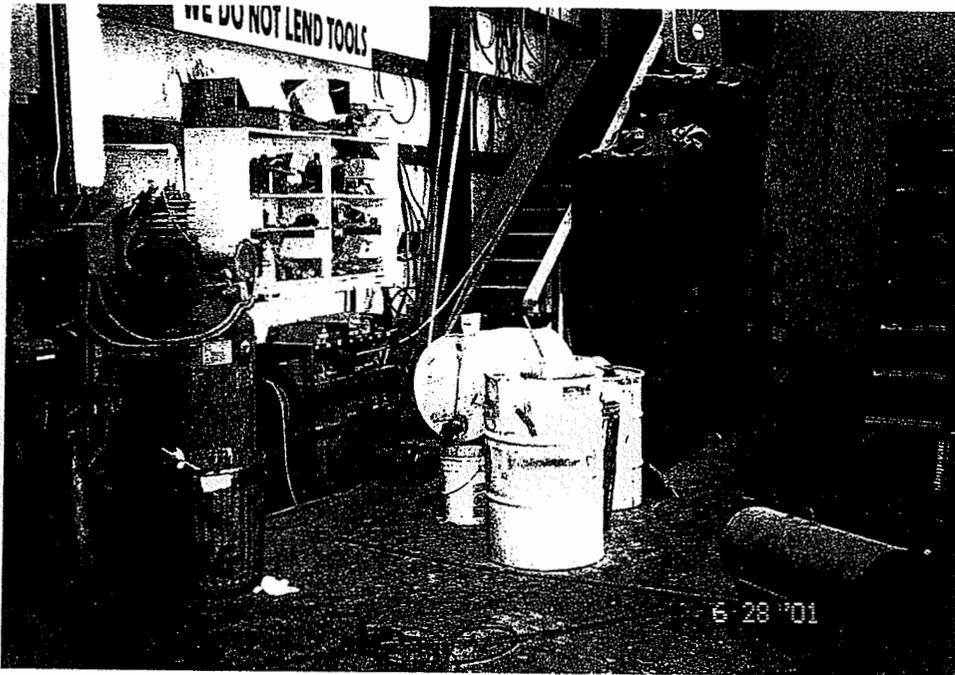
Harbor Marine Maintenance – Paint products and epoxy storage area.



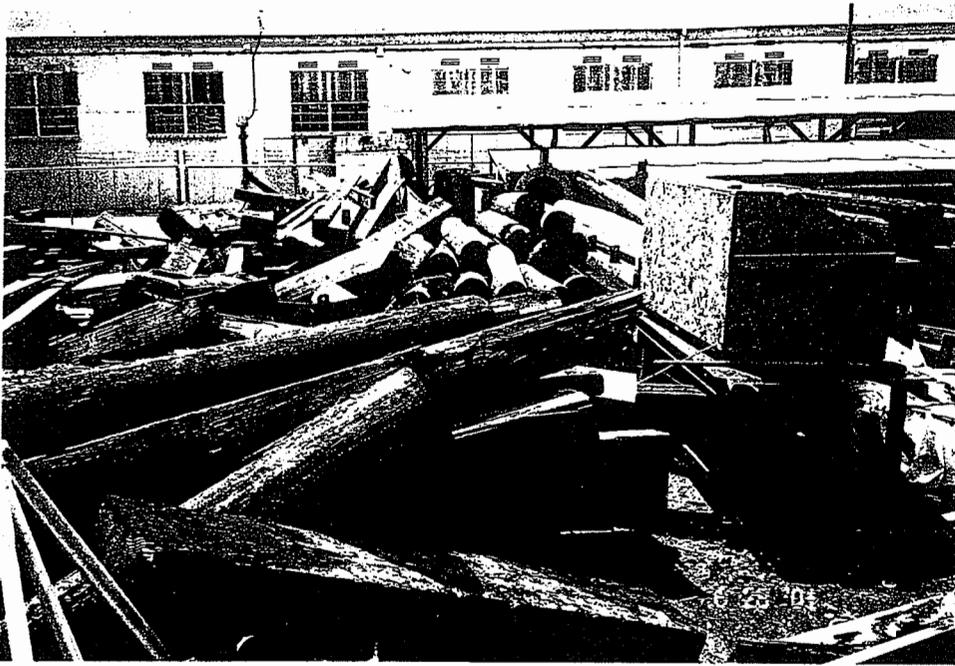
American Construction Company – Diesel and gasoline ASTs.



Fishermen's Boat Shop – Stained ground surface beside paint storage shed.



Harbor Marine Maintenance – Fiberglass resin drums in boat repair building.



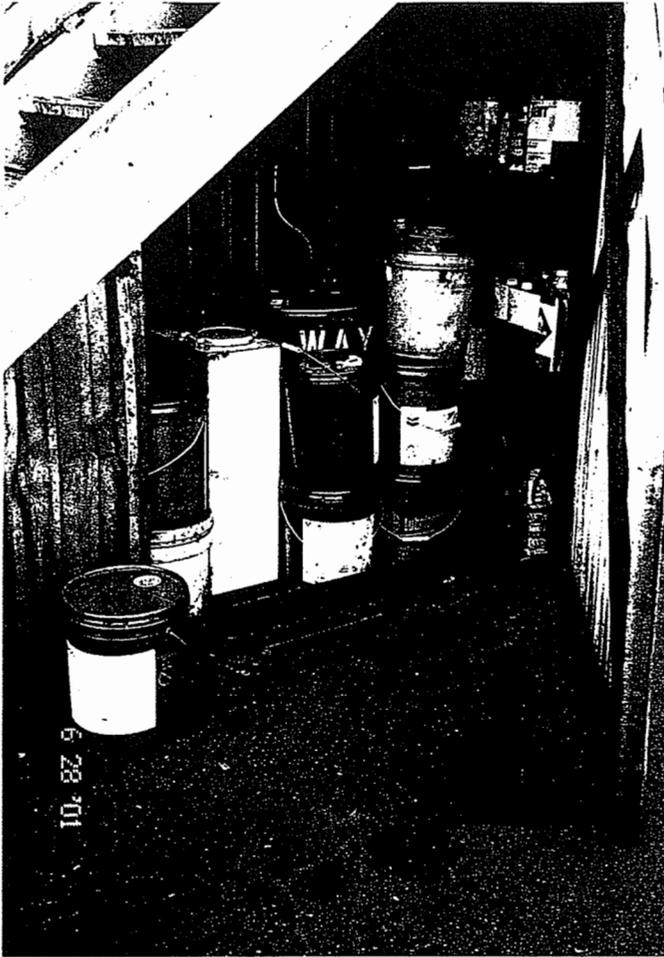
Fishermen's Boat Shop – Creosote treated pilings in boat yard.



Fishermen's Boat Shop – Fuel oil AST in use onsite.

Port of Everett – North Marina

Site Photos



Everett Engineering Building M11 – Solvents, cutting oil and lube oil in flammables storage closet.



Fishermen's Boat Shop – Boatyard and sandblast grit surrounding storm sewer catch basin.

Port of Everett – North Marina
Site Photos



Everett Bayside Marina – Drums containing motor oil and lubricating oil.



Everett Bayside Marina – Waste oil storage tanks north of main building.