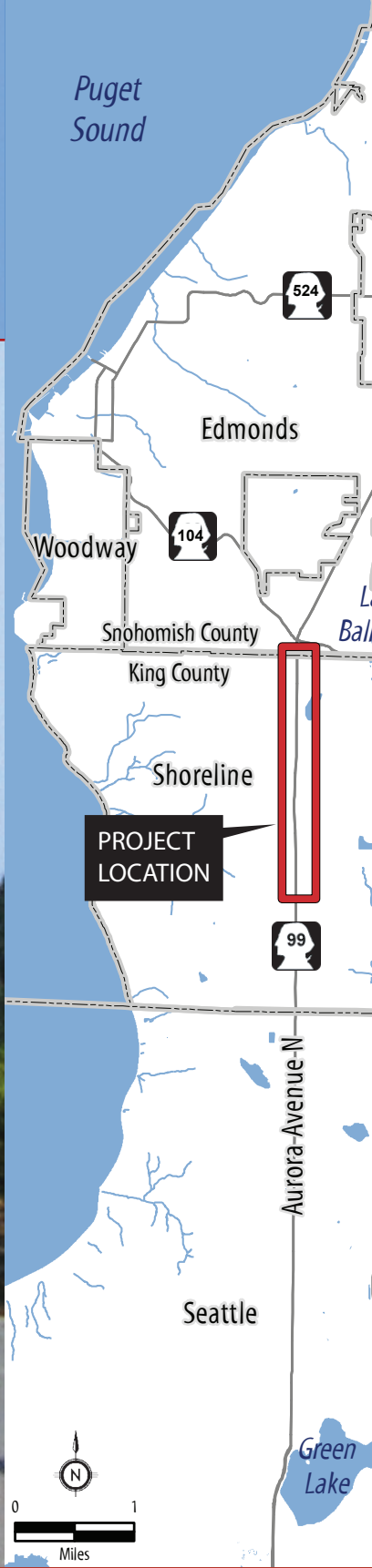


Hazardous Materials Discipline Report

Aurora Corridor Improvement Project
N 165th Street to N 205th Street



Hazardous Materials Discipline Report

Aurora Corridor Improvement Project: N 165th Street to N 205th Street

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Appendices

Appendix A. EDR Reports

Appendix B. Electronic files of EDR Reports; Aerial Photos; and Sanborn Maps

Acronyms and Abbreviations

ADT	Average Daily Traffic
AHERA	Asbestos Hazard Emergency Response Act
ASTM	American Society for Testing and Materials
BAT	Business Access and Transit
bgs	below ground surface
CAA	Clean Air Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
City	City of Shoreline

CORRACTS	Corrective Action Report
CSCSL	Confirmed and Suspected Contaminated Sites List
CTR	Commute Trip Reduction
CWA	Clean Water Act
Ecology	Washington Department of Ecology
EDR	Environmental Data Resources
ERNS	Emergency Response Notification System
FGTS	Freight and Goods Transportation System
FINDS	Facility Index System
GMA	Growth Management Act
HAZWOPER	Hazardous Waste Operations, Planning, and Emergency Response
I	Interstate
ICR	Independent Cleanup Report
ISA	Initial Site Assessment
LOS	level of service
LUST	Leaking Underground Storage Tank
MTCA	Model Toxic Control Act
MVM	million vehicle miles
N	north
NCHRP	National Cooperative Highway Research Program
NEPA	National Environmental Policy Act
NHS	National Highway System
NPDES	National Pollutant Discharge Elimination System
OSHA	Occupational Safety and Health Act
PCBs	polychlorinated biphenyls
PPE	personal protective equipment

Project	Aurora Corridor Improvement Project
PSRC	Puget Sound Regional Council
RCRA	Resource Conservation and Recovery Act
RCW	Revised Code of Washington
RTP	Regional Transportation Plan
SDWA	Safe Drinking Water Act
SEPA	State Environmental Policy Act
SPCC	spill prevention control and countermeasures plans
SR	State Route
SWPPP	Stormwater Pollution Prevention Plan
TSCA	Toxic Substances Control Act
UST	Underground Storage Tank
V/C	volume to capacity ratio
VCP	Voluntary Cleanup Program
WAC	Washington Administrative Code
WISHA	Washington Industrial Safety and Health Act
WSDOT	Washington State Department of Transportation

Glossary

Aquifer	A geological stratum of saturated materials with the capability to yield useable quantities of groundwater on a long-term, sustainable basis.
Asbestos Hazard Emergency Response Act (AHERA)	Federal legislation adopted in 1986, and subsequently amended, that requires the removal or control of asbestos in schools and some public buildings.
Confirmed or Suspected Contaminated Sites List (CSCSL)	Ecology database listing reported or suspected contaminated sites.
EDR Report	A list of databases searched for potential hazardous materials contamination, including selected detailed information from federal and state lists, and maps illustrating the identifiable sites within the indicated search radius.
Hazardous Materials	Any material that may pose a threat to human health or the environment because of its quantity, concentration, or physical or chemical characteristics.
LUST	leaking underground storage tank
Model Toxics Control Act (MTCA)	Washington State legislation adopted as the counterpart to the Federal Superfund law, also known as CERCLA. Like CERCLA, MTCA sets up a process to identify, investigate, and cleanup contaminated properties that are, or may be, a threat to human health or the environment. MTCA allows for the assessment of damages where the contamination injures wildlife or the environment.
National Pollutant Discharge Elimination System (NPDES)	The federal program under Section 402 of the Clean Water Act for issuing, monitoring, and enforcing permits, and imposing and enforcing pretreatment requirements for discharges of pollutants from point sources to tidal waters, lakes, wetlands, rivers, streams, or other water courses.
No Further Action (NFA)	An official acknowledgement from the Washington State Department of Ecology that a contaminated site has undergone cleanup or no longer poses a threat to human health or the environment.
Perched Groundwater	Groundwater that occurs or pools on a subsurface material with low permeability that separates it from the main body of groundwater.
Perchloroethene	A commonly used dry cleaning solvent, which has a strong characteristic odor and is a suspected human carcinogen.
Permeability	A measure of how quickly a fluid (in this case, water) can move through sediment or other subsurface material.
Personal Protective Equipment (PPE)	An item used to protect the eyes, face, head, arms, hands, legs, feet, or body, such as goggles, helmets, head covers, gloves, rubber slickers, disposable coveralls, safety shoes, protective shields, and barriers.
Phase I Study	An historical review of a suspected contaminated site consisting of a regulatory database search, historical file reviews, and site reconnaissance.
Phase II Study	A field investigation to collect and analyze soil and groundwater samples, for purposes of defining the extent of contamination and pollutant migration pathways at a contaminated site.
Polychlorinated Biphenyls (PCBs)	A specific group of toxic environmental compounds that can accumulate in animal tissue and are capable of causing cancer.

Reasonably Predictable Sites	Locations that are expected to exhibit recognized combinations of environmental conditions based on previous experience in similar situations and/or best professional judgment.
Remediation	An action to identify, eliminate, or minimize hazardous substances that pose a threat to human health or the environment.
Right-of-Way (ROW)	Land purchased prior to the construction of transportation improvements along with land for sound walls, retaining walls, stormwater facilities, and other project features. This also includes permanent or temporary easements for construction and maintenance. Vacant land may also be set aside for future highway expansion under certain circumstances.
Sanborn Maps	Fire insurance maps consisting of large-scale detailed drawings from 1867 to 1969 showing the commercial, industrial and residential sections of cities.
Spill Prevention Control and Countermeasures (SPCC) Plan	A plan for minimizing effects to soil, surface water, and groundwater in the event of a spill of contaminated soil, petroleum products, contaminated water, or other hazardous substances. The SPCC plan addresses construction procedures, equipment, and materials.
Substantially Contaminated Sites	Properties that possess a potential for substantial contamination of soil, groundwater, surface water, and/or sediment; contain contaminants that are persistent or expensive to manage; and lack reliable estimates of remediation costs.
UST	underground storage tank

Chapter 1. Introduction

This chapter introduces the proposed project, explains why hazardous materials are analyzed in the environmental process, and summarizes key findings presented in this report.

What is the purpose of this report?

The City of Shoreline (City) proposes to construct the Aurora Corridor Improvement Project, N 165th Street to N 205th Street (Project), which will improve a 2-mile-long segment of State Route (SR) 99, named Aurora Avenue North (N) within the City. This Project must be developed in compliance with the National Environmental Policy Act (NEPA) and the Washington State Environmental Policy Act (SEPA).

This hazardous materials discipline report was prepared as a Phase I Environmental Site Assessment (Phase I study) in general accordance with Section 447 of the Washington State Department of Transportation (WSDOT) Environmental Procedures Manual (WSDOT 2006).. This report will discuss how identified historical spill sites near Aurora Avenue N could affect construction of the Project.

Hazardous Materials

Hazardous materials include any material that, because of its quantity, concentration, or physical or chemical characteristics, may pose a threat to human health or the environment. This report discusses how identified historical spill sites of such materials near Aurora Avenue N could affect construction of the Project.

Phase I Study

An historical review of a suspected contaminated site consisting of a regulatory database search, historical file reviews, and site reconnaissance.

Where is the Project located?

The Project is located within the city limits of the City of Shoreline on Aurora Avenue N between N 165th Street and N 205th Street (See Figure 1, *Project Vicinity*).

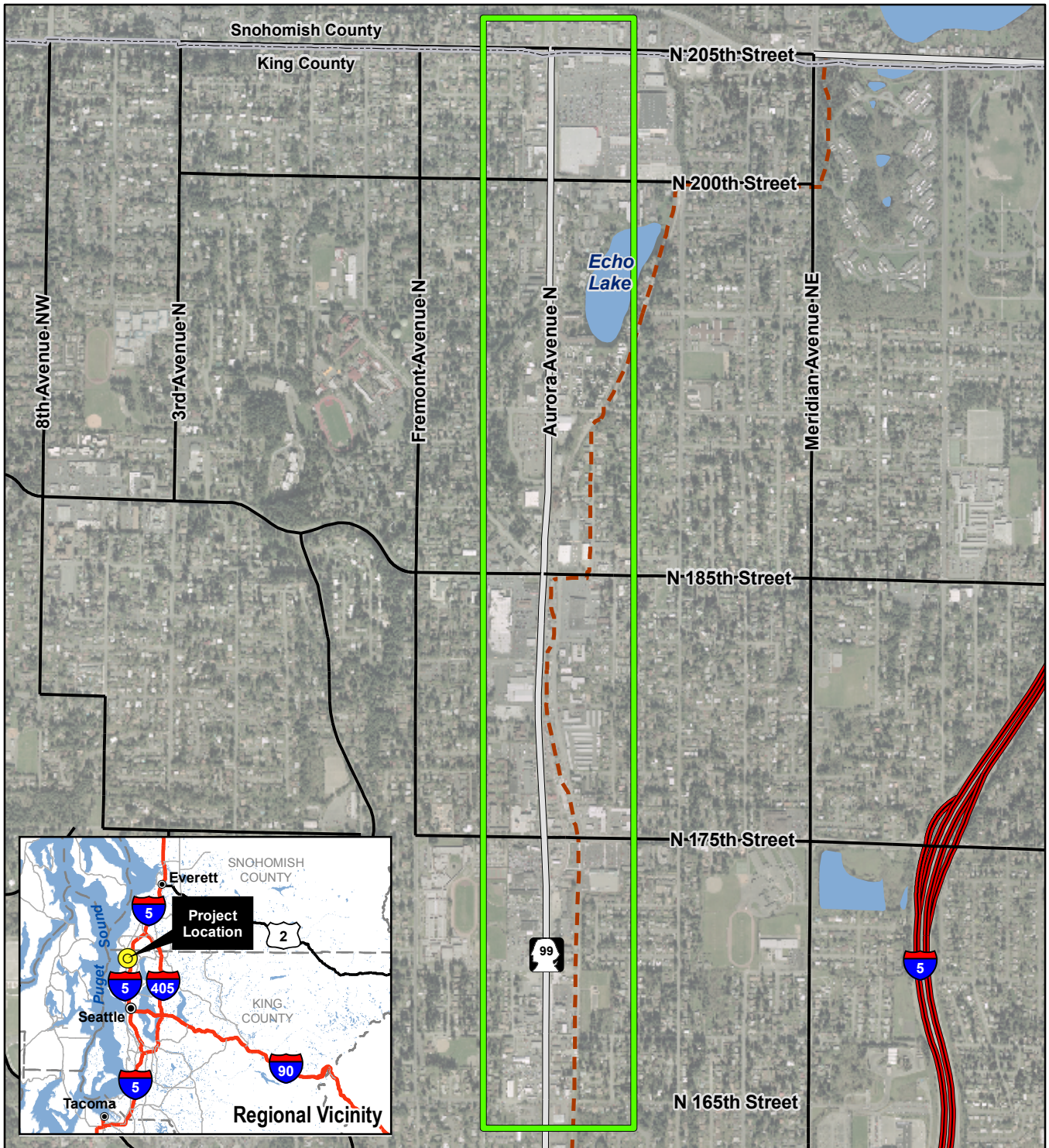
What are the existing characteristics of the Aurora Avenue corridor?

Aurora Avenue N is a major north/south urban highway that serves both local and regional traffic within the City of Shoreline (see Figure 1, *Project Vicinity*). It is a key regional vehicular, transit, and truck corridor within the greater area of Puget Sound and serves as the City's primary arterial roadway, running approximately parallel to Interstate (I)-5 with connections at N 145th Street, N 175th Street, and N 205th Street. Development along the corridor is predominantly commercial, mixed with some multi-family housing. Echo Lake is located approximately 200 feet to the east of the roadway, north of N 192nd Street. The Interurban Trail, currently under construction, runs roughly parallel to Aurora Avenue N, to the east in the Project corridor (City of Shoreline 2007). Aurora Avenue N has two general-purpose travel lanes in each direction, with a center two-way left-turn lane. Shoulder and sidewalk of varying widths are located sporadically along the corridor, with no curb or gutter, and little landscaping.







Under existing conditions, average daily traffic (ADT) on the roadway is 33,000 to 39,000 vehicles per day. A steady level of pedestrian and bicycle travel occurs along and across the roadway, but the corridor is heavily oriented to vehicle travel and is generally not conducive to non-motorized travel. WSDOT has designated several areas of Aurora Avenue N between N 165th Street and 205th Street with adverse safety ratings, which are described in Chapter 2. The corridor is served heavily by public transit provided by King County Metro, with additional service at the north end of the corridor provided by Community Transit.

Average Daily Traffic (ADT)

ADT represents the average number of vehicles that travel on a roadway on typical day. Under existing conditions, ADT on Aurora Avenue N is 33,000 to 39,000 vehicles per day.



Sources: City of Shoreline (2006); Jones & Stokes (2007)

-  City Boundary
-  Project Area
-  Interstate
-  State Route
-  Arterial
-  Interurban Trail

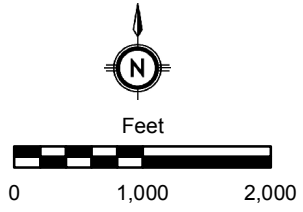


Figure 1. Project Vicinity
 Aurora Corridor Improvement Project
 July 2007

Why improve Aurora Avenue North?

The purpose of the Aurora Corridor Improvement Project, N 165th Street to N 205th Street, is to improve safety, circulation, and operations for vehicular and non-motorized users of the roadway corridor, to support multi-modal transportation within the corridor, and to support economic stability along the corridor. The Purpose and Need identified for this Project is described further in Chapter 2.

What are the major characteristics of the proposed Project?

The Aurora Corridor Improvement Project, N 165th Street to N 205th Street, would include the following elements:

- Business Access and Transit (BAT) lane in each direction;
- two general-purpose lanes in each direction;
- continuous sidewalk, curb, and gutter on each side of the roadway;
- landscaped center median with left-turn and u-turn pockets;
- interconnected, coordinated signal system with transit signal priority;
- improvements to intersections, including proposed new traffic signals at the intersections of Aurora Avenue N with Firlands Way N/N 196th Street and N 182nd Street;
- additional pedestrian crossings at signalized intersections;
- improvements to Midvale Avenue N, between N 175th Street and N 182nd Street;
- improvements to Echo Lake Place, north of N 195th Street;
- new street and sidewalk lighting;
- undergrounding of utilities; and
- stormwater facilities.

Business Access and Transit (BAT) Lane

Right-side lane that serves exclusively for bus travel, and for right-turn access in and out of driveways located along the corridor.

In addition to a No Build Alternative, three Build Alternatives, called Alternative A, B and C, respectively, are under consideration. In general, they vary in centerline location, width of median, and presence or absence of an amenity zone between the curb and sidewalk. The three Build Alternatives are described in detail in Chapter 3 of this report.

Why are hazardous materials considered for this Project?

The presence of hazardous substances could affect construction workers and the general public. This report assesses whether contaminated soil or groundwater resulting from historical hazardous material releases from neighboring facilities might be present in areas where the City would be upgrading the roadway or installing utilities. A given facility is declared a “Recognized Environmental Condition” that requires mitigation if its potential hazardous material releases could impact the Project in any of the following ways:

- If the City were to purchase new property that was already contaminated by previous owners, the City could be liable for future cleanup.
- If construction workers were to encounter unexpected contaminated soil or groundwater during construction, the Project could be delayed while the contaminated material is evaluated and removed.
- If construction workers were to encounter contaminated soil or groundwater but could not detect it, the workers might be unknowingly exposed to toxic chemicals via direct exposure or inhalation of toxic vapors emitted from the contaminated material.
- If Project implementation affected the nature of future freight shipments through the study area, potential may increase for hazardous materials spills from vehicles traveling on the roadway.

What are the key points of this report?

Many current and historical businesses adjacent to Aurora Avenue N released fuel and other hazardous materials at some point in the past. However, with the exception of the sites described below, all of the reported historical spills were either previously cleaned up or are being handled by the property owners with oversight by the Washington Department of Ecology (Ecology). Contaminated soil or groundwater at the following sites have the potential to impact Project construction or to expose the City to regulatory liability:

- Site South-O85, the former Mac-Ray dry cleaner, located at 18419 Aurora Avenue N. That former dry cleaner was close to the roadway. Under Alternative C, the building would be either fully or partially demolished. Soil under the building could contain trace amounts of cleaning solvents released during operation of the dry cleaner. Therefore, if Alternative C is selected, a limited Phase II soil investigation should be conducted under the building before it is demolished.
- Site South O86-O88, former Bill Langeberg gas station. Widening of Aurora Avenue N and N 185th Street, under all three Build Alternatives, could encroach into areas where contaminated soil was previously left in place when the former fuel tanks were removed in 1994. Ecology has indicated they believe residual soil contamination at this site poses a risk to groundwater. Either the current owner or the City should conduct Phase II soil and groundwater investigations, and remediate any identified contamination before site grading begins.
- Site South A5-A7, Former Tune N Lube. The City will acquire this property under all three Build Alternatives. An unknown amount of kerosene-containing soil is known to exist under the site, which could interfere with grading activity for Project construction. The City should alert the construction contractor to the likely soil contamination, and require the contractor to develop a contingency plan to remediate contaminated soil if it is encountered during site grading.
- Site South A5-A7, former Joe's ARCO gas station. The City will acquire this property under all three Build alternatives. Ecology files did not include any reports on when, how, or if, this former

Phase II Study

A field investigation to collect and analyze soil and groundwater samples, for purposes of defining the extent of contamination and pollutant migration pathways at a contaminated site.

gas station was cleaned up after it ceased operation. Either the current owner or the City should conduct Phase II soil and groundwater investigations, and remediate any identified contamination before site grading begins.

- The City should attempt to have the current owners of the above properties indemnify the City against any future liability related to pre-existing soil or groundwater contamination identified by this report.
- The City will require its construction contractors to have contingency plans to ensure that construction crews can identify suspected contaminated soil and groundwater caused by unreported historical releases and will properly manage contaminated soil they might encounter during construction.
- The current 9-1-1 emergency response system used within the City will minimize the potential for future spills caused by future traffic accidents along Aurora Avenue N to impact soil, surface water, or groundwater. In addition, City maintenance crews will continue to be trained in spill prevention and spill response related to their routine maintenance activity along Aurora Avenue.

Table 1 summarizes the potential hazardous material effects that are identified in this report under the No Build and three Build Alternatives, and the mitigation measures recommended to address those effects.

Table 1. Summary of Potential Hazardous Materials Effects and Mitigation

Potential Effects and Mitigation	Alternatives			
	No Build	A	B	C
Potential Operational Effects				
Increase in traffic volumes over time increases potential for fuel spills caused by traffic accidents.	X	X	X	X
<p>Project element that will avoid or minimize significant effect - City to maintain spill prevention and spill response protocols that include the 9-1-1 emergency system and hazmat trained prevention crews and spill responders. City maintenance crews will continue to be trained in spill prevention related to their routine maintenance duties.</p>				
Potential Construction Effects				
Potential for encountering known soil contamination at site South-O85, former Mac-Ray Dry Cleaner.				X
<p>Mitigation - Conduct Phase II Soil Investigation - If contaminated soil is encountered in the Phase II investigation, it should be remediated by Hazardous Waste Operations, Planning,</p>				

Potential Effects and Mitigation	Alternatives			
	No Build	A	B	C
<p>and Emergency Response (HAZWOPER)-certified contractors before site grading begins. Contaminated soil within the roadway construction zone must be removed before or during site grading. Any contaminated soil outside the construction zone, and any contaminated groundwater, should be remediated using the range of administrative options available under the Model Toxic Control Act.</p>				
<p>Potential for encountering known soil contamination at Site South O86-O88 former Bill Langeberg gas station.</p> <p>Mitigation - Conduct Phase II Soil and Groundwater Investigation - If contaminated soil is encountered in the Phase II investigation, it should be remediated by Hazardous Waste Operations, Planning, and Emergency Response (HAZWOPER)-certified contractors before site grading begins. Contaminated soil within the construction zone must be removed before or during site grading. Any contaminated soil outside the construction zone, and any contaminated groundwater, should be remediated using the range of administrative options available under the Model Toxic Control Act.</p>		X	X	X
<p>Potential for encountering known soil contamination at site South A5-A7, former Joe's ARCO gas station.</p> <p>Mitigation - Conduct Phase II Soil and Groundwater Investigation. Contaminated soil within the construction zone must be removed before or during site grading. Any contaminated soil outside the construction zone, and any contaminated groundwater, should be remediated using the range of administrative options available under the Model Toxic Control Act.</p>		X	X	X
<p>Potential for encountering unknown soil contamination at unreported spill sites.</p> <p>Mitigation - Contaminated Material Contingency Plan for construction contractors.</p>		X	X	X
<p>Potential construction spills</p> <p>Project element that will prevent or avoid significant effect - City maintain spill prevention and spill response protocols that include the 9-1-1 emergency system and hazmat trained prevention crews and spill responders.</p> <p>Project element that will prevent or avoid significant effect - City will require construction contractors to submit spill prevention and response plans, which are a required element of the construction stormwater permit issued by Ecology.</p>		X	X	X
<p>Potential for asbestos and lead based paint in structures to be demolished</p> <p>Project element that will prevent or avoid significant effect - All structures to be partially or fully demolished will be tested for asbestos and lead based paint. Identified asbestos and lead based will be abated in accordance with state and federal regulations prior to demolition.</p>		X	X	X

Chapter 2. Purpose and Need

This chapter describes the overall purpose of the proposed project and identifies the specific needs that the Project would address.

What is the purpose of the Project?

The purpose of the Aurora Corridor Improvement Project, N 165th Street to N 205th Street, is to improve safety, circulation, and operations for vehicular and non-motorized users of the roadway corridor, to support multi-modal transportation within the corridor, and to support economic stability along the corridor.

How were the needs of the Aurora Avenue corridor identified?

The needs of the Aurora Avenue corridor that would be addressed by this Project were identified through:

- Regional Metropolitan Transportation Plan,
- City Comprehensive Plan, and
- City Multimodal Pre-Design Study.

Regional Metropolitan Transportation Plan

Improvement to Aurora Avenue N between N 165th Street and N 205th Street is identified in *Destination 2030*, which is the regional Metropolitan Transportation Plan that addresses long-range transportation needs of a growing population (PSRC 2001). The plan includes a detailed set of projects and programs that recognize the link between transportation and growth planning. It identifies more than 2,000 specific projects that will improve roads, transit and ferry service, bicycle and pedestrian systems, freight mobility, and traffic management and operations. *Destination 2030* calls for the development of new state and regional funding mechanisms to provide sustained and flexible revenues that support plan strategies, and it outlines a monitoring and review process for ensuring that plans are current and that implementation stays on course.

City Comprehensive Plan

Improving Aurora has been a community goal since the City of Shoreline incorporated in 1995. However, regional and local governments recognized the need for improvements along Aurora Avenue N even prior to the City's incorporation. Before the City was incorporated, King County initiated a project to provide transit enhancements along Aurora Avenue N. After incorporation, the City requested that the project be postponed until the City could complete its comprehensive planning process to define improvements in the Aurora Avenue N corridor.

The City of Shoreline Comprehensive Plan was first adopted in November 1998 and most recently updated in June 2005. The Plan establishes the City's vision, and establishes Framework Goals intended to guide the City to meet that vision. The City's goals for Aurora Avenue N, as stated in its Comprehensive Plan, are to improve safety for all users on the roadway, to support economic stability along the corridor, and to improve mobility by supporting multimodal transportation services (City of Shoreline 2005). Assessment of the City's goals and policies, as established in the Comprehensive Plan, is provided in the Land Use, Plans, and Policies Discipline Report prepared as part of the environmental analysis for the Project.

Multimodal Pre-Design Study

In 1998, the City of Shoreline began the 1-year Aurora Corridor Multimodal Pre-Design Study (CH2M Hill 1999). The study included an extensive Community and Agency Involvement Program involving a variety of public and private stakeholders in the plan development. Multiple opportunities for community input were provided, and emphasis was placed on clearly articulating the technical elements of the plan. The Community and Agency Involvement Program included both the community and agencies because both are necessary for consensus building. A key Community and Agency Involvement Program component was the participation of a Citizen's Advisory Task Force, made up of representatives from the business and residential communities and transit users. An Interagency Technical Advisory Committee also included public sector stakeholders. These advisory committees recommended a preferred design concept, described in the following section.

Community and Agency Involvement Program elements included:

- ongoing participation of the Citizen's Advisory Task Force, Interagency Advisory Committee, and Policy Advisory Committee;
- project briefings with City Council and Planning Commission;
- three public open houses;
- open house announcements mailed to 3,000 addresses each time an event was held;
- canvassing by the Citizen's Advisory Task Force;
- meetings with property owners within the study area;
- meetings with community interest groups;
- newsletters distributed to landowners, business owners, and other interested parties; and
- press releases distributed to neighborhood associations, community groups and local media.

Multimodal Transportation

Multimodal transportation refers to multiple choices for travel, including driving alone, carpooling, walking, biking, or riding transit.

Community Outreach

The City conducted a total of 23 meetings with the Citizen's Advisory Task Force, Interagency Technical Advisory Committee, and the general public. The City also conducted eight City Council briefings and two planning commission presentations. Three open houses were held during the course of the Pre-Design Study. Each meeting was designed to encourage interactive involvement through small group design workshops, informal ballots, prioritization exercises, and comment sheets.

32 Points

The corridor project design concept and the 32 Points (see exhibit on following page) were approved unanimously by the Citizen Advisory Task Force on July 8, 1999, and were adopted unanimously by the City Council as part of Resolution 156 on August 23, 1999. The 32 Points are to be used as guides during implementation and design of Aurora Avenue improvement projects, to ensure that concerns of the community and the vision of the City Council are fully addressed.

The main features of the adopted design concept include the addition of BAT lanes in each direction on the roadway; curbs, gutters, a landscaping/street furnishing strip and sidewalks on both sides; and a landscaped center median safety lane with left and u-turn pockets. The 32 Points also included recommendation of four new signalized intersections and four new pedestrian-activated signalized crossings along the 3-mile length of Aurora Avenue N within the city limits.

The main features of the adopted design concept include:

- the addition of BAT lanes in each direction on the roadway;
 - curbs, gutters, landscaping/street furnishing strip, and sidewalks on both sides; and
 - the creation of a landscaped center median safety lane with left and u-turn pockets.
-

Exhibit. The "32 Points"

1. The maximum number of lanes on an intersection leg shall not exceed eight lanes including turning lanes. Seven lanes is the desired width.
2. Provide ability at intersections for all pedestrians to safely cross (and include median refuge at intersections with pedestrian pushbuttons). New mid-block pedestrian crossings should include pedestrian activated signals. Bus stops and pedestrian crossings will complement each other.
3. Twelve foot sidewalks will be provided on both sides of Aurora the entire length. Consider reducing the initial sidewalk width to mitigate land impacts/acquisitions on existing businesses. Note: a minimum of four feet of a landscaping/street furnishing zone is included in the twelve foot width total above.
4. Utilize more landscaping or colored pavement in sidewalk areas to soften the look. The four foot landscaping/street furnishing strip behind the curb should utilize trees in tree grates/pits (consider a combination tree protector/bike rack), low growing ground cover/shrubs, and could utilize some special paving (or brick) between curb and sidewalk to strengthen the identity of an area.
5. Strive to design the project so that new sidewalks can link to existing recently constructed sidewalks (such as Seattle Restaurant Supply, Drift-on-Inn, Schucks, Hollywood Video, and Easley Cadillac).
6. Re-align the street where possible to avoid property takes.
7. As the final design is developed, work with WSDOT to obtain design approvals for lane width reductions, and look for opportunities to reduce (but not eliminate) the median width both to enable reduction of pavement widths, construction costs, and land impacts/acquisition on existing businesses.
8. Develop median breaks or intersections for business access and U-turns at least every 800-to-1000 feet (these details will be worked out during future design phases and will be based in part on the amount of traffic entering and exiting businesses).
9. Use low growing drought resistant ground-cover and space trees in the median to allow visibility across it.
10. Unify the corridor by adding art, special light fixtures, pavement patterns (and coloring at crosswalks), street furniture, banners, unique bus shelters, etc. to dramatically enhance image and uniqueness of the streetscape and develop it differently than the standard design that has been constructed for most streets.
11. Unify the entire corridor by the use of street trees, lighting, special paving, bus zone design, and other elements to visually connect the corridor along its length.
12. Provide elements in the Interurban/Aurora Junction area, between 175th and 185th that create a safe, pedestrian oriented streetscape. Elements can include special treatments of crossings, linkages to the Interurban Trail, etc.
13. Develop signature gateway designs at 145th and 205th with special interest landscaping, lighting, paving and public art to provide a visual cue to drivers that they have entered a special place.
14. Develop themes that reflect the character and uses of different sections of the street (such as the 150th to 160th area which has a concentration of international businesses, recall the historic significance of the Interurban or other historic elements, and Echo Lake).
15. Utilize the Arts Council and neighborhoods to solicit and select art along the corridor.
16. Strengthen connections to the Interurban Trail through signing and other urban design techniques.
17. Develop a design for closure of Westminster Road between 158th and 155th by developing a southbound right turn lane at 155th Street and converting the existing road section to a driveway entrance to Aurora Square. Also, develop an elevated Interurban trail crossing through "the Triangle" that is integrated with future development of the Triangle (reserve the option to build above Westminster should we not be successful in closing the roadway).
18. Pursue modifying the access to Firlands at 185th, closing Firlands north of 195th, and developing a new signal at 195th.
19. The preferred design shall include:
 - Stormwater management improvements to accompany the project that follow the city's policies;
 - Traffic signal control and coordination technology (including coordination with Seattle and Edmonds SR 99 signal systems);
 - Traffic signal technology to enable transit priority operations;
 - Continuous illumination for traffic safety and pedestrian scale lighting;
 - Undergrounding of overhead utility distribution lines.
20. Traffic signals will include audible elements for the sight-impaired, and wheelchair detection loops for wheelchair users.
21. The City should establish a right-of-way policy to retain or relocate existing businesses along the corridor, including those that do not own the land on which they are located. Consideration should be given to providing financial incentives to those businesses.
22. Work with property and business owners during the preliminary engineering phase to consolidate driveways, share driveways, and potentially to share parking and inter business access across parcel lines. Be creative and sensitive to the parking needs of businesses, including consideration for some potential clustered/shared parking lots (especially if remnant parcels are available).
23. Provide improvements that will not generate an increase in neighborhood spillover traffic.
24. Work with transit agencies to provide increased service and seek capital investments from them to support this project.
25. Develop partnerships with WSDOT and King County/Metro to jointly fund the project.
26. Provide curb bulbs where practical on side streets to reduce pedestrian crossing width and to discourage cut-through traffic.
27. Strengthen and preserve the heritage of the red brick road. If the design impacts the red brick road in its current configuration/location north of 175th, preserve its heritage by relocating it elsewhere.
28. Consider new signalized intersections at 152nd, 165th, 182nd, and 195th.
29. Consider new pedestrian only signalized crossings in the vicinity of 149th, 170th, 180th and 202nd.
30. Sign Ronald Place south of 175th as the route to I-5.
31. Pursue reducing the speed limit to 35 mph where appropriate recognizing the potential impacts of spillover traffic with a lower posted speed.
32. Seek funding to develop a program to assist and encourage businesses to improve their facades.

What are the needs addressed by the Aurora Corridor Improvement Project?

System Linkage

The proposed project would improve regional system linkage by providing additional lane capacity, improved intersection capacity, and improved signal coordination. It would also continue the improvements underway between N 145th Street and N 165th Street, creating a consistent continuous corridor throughout the City.

Aurora Avenue N is a major north/south arterial link that serves both local and regional traffic within the City of Shoreline. It is part of the National Highway System (NHS). The portion of Aurora Avenue N within the City connects SR 104 and SR 523. In addition to serving intra-city traffic, the route serves as a regional link between cities in the Puget Sound region, connecting to the City of Seattle to the south and Snohomish County to the north. It is the significant alternative to I-5 in providing north/south regional linkage. The portion of SR 99 located within the City has also been identified as a Highway of Statewide Significance (Washington State Transportation Commission 1998). Highways of Statewide Significance, identified under the Revised Code of Washington (RCW) 47.06.140, are those facilities deemed to provide and support transportation functions that promote and maintain significant statewide travel and economic linkages. The legislation emphasizes that these significant facilities should be planned from a statewide perspective (WSDOT 2002).

The timely delivery of goods is extremely important to business operations and economic vitality. Aurora Avenue N is identified by WSDOT as a truck freight route in the statewide Freight and Goods Transportation System (FGTS). It carries more than 5 million tons of freight annually, so is classified as a T-2 tonnage class roadway (WSDOT 2005). It has also been identified as part of the King County Regional Arterial Network, and the Puget Sound Regional Council (PSRC) Metropolitan Transportation and Freight and Goods Systems. Aurora Avenue N also provides a connection between other routes on the FGTS, including Westminster Way/Greenwood Avenue (class T-2), SR 523 (class T-3), N 185th Street (class T-2), and SR 104 (class T-3) (WSDOT 2005).

National Highway System

Federally identified highways that are most important to interstate travel and national defense, connect other modes of transportation, and are essential for international commerce.

Highway of Statewide Significance

Highways identified by the Washington State Transportation Commission that provide significant statewide travel and economic linkages.

WSDOT Freight and Goods Transportation System (FGTS) Classifications

Roadways are classified according to the average volume of freight they carry each year:

- T-1 > 10 million tons per year
 - T-2 4 million – 10 million tons per year
 - T-3 300,000 – 4 million tons per year
 - T-4 100,000 – 300,000 tons per year
 - T-5 At least 20,000 tons in 60 days
-

Aurora Avenue N provides a linkage for commuters and transit to two regional Park-and-Ride facilities located at N 192nd Street and Aurora Avenue N; and on N 200th Street, two blocks east of Aurora Avenue N.

The City is currently completing improvements to Aurora Avenue N between N 145th Street and N 165th Street, which include similar elements to those proposed for this Project. Improvements include BAT lanes; curbs, gutters, landscaping/utility strip, and sidewalks on both sides; a landscaped center median with left and u-turn pockets, new signalized intersections, pedestrian-activated signalized crossings, undergrounding of utilities, and stormwater facilities.

Capacity

The proposed project would address capacity needs through improvements to intersection geometry and capacity, channelization, signal improvements, and additional lane capacity for business access and transit. By reducing the number of access points according to WSDOT criteria, capacity in the corridor would be improved through the reduction of conflicts and traffic friction.

The capacity of the current facility is inadequate to accommodate projected traffic volumes. The corridor currently supports 33,000 to 39,000 daily vehicle trips. Traffic analysis completed for the Aurora Avenue N corridor assessed level of service (LOS) from now through the future planning year of 2030, under conditions both with and without the proposed project. Over the next 20 years, volumes along the corridor are expected to increase by 1.1% annually.

LOS is the primary measurement used to determine the operating quality of a roadway segment or intersection. LOS is generally measured by the ratio of traffic volume to capacity (V/C) or by the average delay experienced by vehicles on the facility. The quality of traffic operation is graded into one of six LOS designations: A, B, C, D, E, or F. LOS A represents the best range of operating conditions and LOS F represents the worst. LOS on transportation facilities is analyzed and measured according to procedures provided in the Highway Capacity Manual (Transportation Research Board 2000). In an urban corridor such as Aurora Avenue N, LOS at intersections controls the overall LOS of the roadway. LOS for signalized intersections is determined by the average amount of delay experienced by vehicles at the intersection. LOS standards are used

Level of Service (LOS) - Characteristics of Traffic Flow

LOS A	Free flow, little or no restriction on speed or maneuverability caused by the presence of other vehicles.
LOS B	Stable flow, operating speed is beginning to be restricted by other traffic.
LOS C	Stable flow, volume and density levels are beginning to restrict drivers in their maneuverability.
LOS D	Stable flow, speeds and maneuverability closely controlled due to higher volumes.
LOS E	Unstable flow, low speeds, considerable delay, volume at or near capacity, freedom to maneuver is difficult.
LOS F	Forced traffic flow, very low speeds, traffic volumes exceed capacity, long delays with stop and go traffic.

to evaluate the transportation impacts of long-term growth. The Washington State Growth Management Act (GMA) (RCW 36.70A, 1990) requires that jurisdictions adopt standards by which the minimum acceptable roadway operating conditions are determined and deficiencies may be identified. The City has adopted a standard of LOS E for intersections within the City (City of Shoreline 2005).

Detailed traffic analysis of Aurora Avenue N is presented in the Transportation Discipline Report prepared for this Project. The analysis shows that without improvements, average delay at key signalized intersections along Aurora Avenue N will fall to LOS F. These conditions are considered unacceptable by most drivers and fail to meet the City's adopted standard of LOS E. A lack of adequate capacity along Aurora Avenue N could cause increased traffic volumes along parallel neighborhood routes.

Regional Transportation Demand

The proposed project would provide additional automobile and transit capacity to help meet the demand that is anticipated to occur in the Aurora Corridor over the next 20 years. The City's design concept for the Project satisfies the following regional policies:

- Optimize and manage the use of transportation facilities and services.
- Manage travel demand by addressing traffic congestion and environmental objectives.
- Focus transportation investments by supporting transit-and pedestrian-oriented land use patterns.
- Expand transportation capacity by offering greater mobility options.

The PSRC has adopted a Regional Transportation Plan (RTP), the Transportation Element of *Destination 2030* (PSRC 2001). The RTP provides the long-range strategy for future investments in the central Puget Sound region's transportation system. It responds to federal legislative mandates such as the federal Transportation Equity Act for the 21st Century and the Clean Air Act (CAA); and state mandates such as the Commute Trip Reduction Law RCW (70.94.521-551) and the GMA (RCW 36.70A). It also is intended to respond to regional concerns of pressing transportation problems.

Regional Transportation Plan (RTP)

The RTP provides the long-range strategy for future investments in the central Puget Sound region's transportation system.

The basic building blocks for the RTP are state, city, county, and transit agency plans and policies.

Improvements to Aurora Avenue N through Shoreline are included in the list of capital projects identified by the RTP as critical, and as part of the Metropolitan Transportation System required to satisfy regional needs through 2030.

Modal Interrelationships

The proposed project would enhance mobility and safety for pedestrians by providing continuous sidewalk, curb, and gutter along both sides of the roadway. Additional crosswalks would provide more safe crossings for pedestrians. Pedestrian links would be also provided to the adjacent Interurban Trail.

Bicyclists traveling along Aurora Avenue N would be allowed to travel on the sidewalks or in the BAT lanes, and would also benefit from connections provided to the Interurban Trail.

The Project would also improve transit operations and reliability through the addition of the BAT lanes, providing a lane for bus operation outside the general-purpose traffic flow.

The portion of Aurora Avenue N within the City is heavily automobile-oriented, and lacking in pedestrian or bicycle facilities. Driveway access along the corridor is largely undefined and sidewalk facilities are discontinuous and substandard. The only areas where sidewalks meet City standards are areas along developments that have been built within the last 10 years.

Buses on Aurora Avenue N travel in the general-purpose lanes. When traffic is congested, the buses are likely to be delayed. When buses stop to pick up and drop off passengers, they block traffic in one of the two general-purpose lanes that currently exist in each direction. Bus stops lack safe access, especially for persons with disabilities. The absence of safe, continuous pedestrian facilities can dissuade potential transit patrons from using the bus system. Bicyclists currently have to travel either on shoulders, where they exist, or in the general-purpose traffic lanes.

The Interurban Trail is a pedestrian and bicycle facility that runs roughly parallel to Aurora Avenue N, providing regional connection from Everett through Seattle. Construction within the City is

The Interurban Trail

The Interurban Trail is a regional pedestrian and bicycle facility that runs roughly parallel to Aurora Avenue N. Construction is currently underway, with completion planned for July 2007. After construction is complete, the Interurban Trail will run throughout the entire City length, between N 145th Street and N 205th Street.

currently underway, with completion planned for July 2007. After construction is complete, the Interurban Trail will run throughout the entire City length, between N 145th Street and N 205th Street. In the Project area, the trail is located approximately one block east of Aurora Avenue N between N 165th Street and N 192nd Street; runs to the east of Echo Lake; runs east-west along N 200th Street to Meridian Avenue; and then runs north-south on the east side of Meridian Avenue through Ballinger Commons (City of Shoreline 2007). Existing sidewalks are inadequate to provide pedestrian connectivity along Aurora Avenue N and to the Interurban Trail.

Safety

Project elements would improve channelization; separate pedestrians from vehicular traffic, and reduce potential conflicts between vehicles, pedestrians, and bicyclists. The City is working with businesses and property owners to develop appropriate solutions that address access and parking issues, while still maintaining Project goals.

WSDOT collects and compiles historical collision data for state highways, including Aurora Avenue N. Several areas of Aurora Avenue N, between N 165th Street and N 205th Street, have been given poor safety designations by WSDOT. WSDOT has identified one high accident corridor (HAC), three high accident locations (HALs), and two pedestrian accident locations (PALs) on Aurora Avenue N, between N 165th Street and N 205th Street, for the 2007–2009 biennium. Between 2003 and 2005, the average annual collision rate for the entire Aurora Avenue N corridor within Shoreline was calculated to be 5.5 accidents per million vehicle miles traveled. This greatly exceeds the 2003 statewide average for urban principal arterials of 2.6 accidents per million vehicle miles. There is strong public concern for general traffic safety and pedestrian safety along the corridor. Collision history and WSDOT safety designations are discussed in further detail in the Transportation Discipline Report prepared as part of the environmental analysis for this project.

Aurora Avenue N currently lacks adequate access management. Land use along Aurora Avenue N is predominantly commercial/retail. Most of the businesses are freestanding, with defined and undefined individual driveways, or continuous shoulder access. Numerous driveways, limited curbs and sidewalks, and

High Accident Corridor (HAC)

A highway corridor one mile or greater in length where a 5-year analysis of collision history indicates that the section has higher than average collision and severity factors.

High Accident Location (HAL)

A highway section typically less than 0.25 mile in length where a 2-year analysis of collision history indicates that the section has a significantly higher than average collision and severity rate.

Pedestrian Accident Location (PAL)

A highway section typically less than 0.25 mile in length where a 6-year analysis of collision history indicates that the section has had four pedestrian accidents in a 0.1 mile segment.

erratic parking all contribute to a general lack of safe passage for pedestrians, bicyclists, and vehicles. This type of development has resulted in a very high number of individual access points that increase conflict and impact safety along the corridor. In total, there are 154 access points along the 2-mile length within the Project corridor. National Cooperative Highway Research Program (NCHRP) Report 420 indicates that the ideal number of access points is fewer than 30 per mile (Gluck et al. 1999).

Much of the existing business parking along the corridor is directly adjacent to the roadway shoulders and is angled or perpendicular to the street. Many existing parking spaces require motorists to back onto the roadway to exit. Parking within the Aurora Avenue N roadway right-of-way occurs primarily near retail and commercial land uses within the Project area. Several businesses along the roadway between N 165th Street and N 205th Street use the shoulder for parking in areas where there is no curb, effectively blocking pedestrians and people in wheelchairs.

The Project elements that would improve safety conditions along Aurora Avenue N include:

- addition of curbs and gutters and consolidated driveway locations;
- application of driveway width and spacing standards;
- proposed traffic signals and pedestrian crosswalks;
- conversion of the existing two-way left-turn-lane into a median with channelized left-turn and u-turns;
- restriction of driveways to right-turn-in and right-turn-out only;
- elimination of motorists' ability to back onto the roadway to exit; and
- provision of the BAT lanes that would allow traffic to safely enter and exit the roadway with fewer conflicting movements and lower risk of crashes.

Social Demands/Economic Development

The Project would address the need to continue to enhance the movement of people and goods within the SR 99 commercial

corridor, as identified in the Comprehensive Plan, by improving person and freight mobility; pedestrian, bicycle, and transit linkages; and overall safety for vehicular and non-vehicular travelers.

The City Comprehensive Plan provides forecasts of job growth within the Aurora Avenue N corridor. This growth depends on a revitalized roadway corridor along all of Aurora Avenue N, including the area between N 165th Street and N 205th Street.

The Comprehensive Plan sets forth a vision that concentrated activity centers will develop at several locations along the corridor. These are located between N 175th Street and N 185th Street, and between N 200th Street and N 205th Street (Aurora Village). To support the economic development goals of the Comprehensive Plan, improvements are needed for pedestrian and transit access to and between these locations. The City's objective for Aurora Avenue N is to install improvements that would lead people to the community and its businesses (City of Shoreline 2005).

The City Comprehensive Plan provides forecasts of job growth within the Aurora Avenue N corridor. This growth depends on a revitalized roadway corridor along all of Aurora Avenue N, including the area between N 165th Street and N 205th Street.

What is the legislative context for the Project?

There are three articles of legislation that provide specific direction for the Project. City Resolution 156, City Ordinance 326, and RCW 47.50 are discussed below.

City Resolution 156

Resolution 156 was adopted unanimously by the Shoreline City Council on August 23, 1999, at an open meeting that included opportunities for public testimony. This resolution accepted the recommendation of the CATF for the 3-mile Aurora Avenue N corridor within the city limits; found the recommendation to be in conformance with the City Comprehensive Plan (2005); initiated an amendment to the Capital Improvement Program; and directed staff to pursue environmental analysis for the corridor improvement. Resolution 156 included the 32 Points directive described earlier in this chapter.

City Ordinance 326

Ordinance 326, which consists of revisions to the City's Comprehensive Plan, was passed 5 to 1 by the Shoreline City Council on July 14, 2003. This ordinance amended the text of Land Use Policy LU48 and added a new Transportation Policy 5.1 for the purpose of identifying future right-of-way needs of Aurora Avenue N, between N 172nd Street and N 192nd Street. The ordinance also added a right-of-way map for this area to the Transportation Element. In general, this ordinance identifies any widening that occurs along this segment of the roadway, and resulting right-of-way acquisition needed, as occurring to the east of the existing roadway. SEPA review was completed for Ordinance 326, prior to adoption. The ordinance was not subject to NEPA. However, for the purposes of the NEPA and SEPA evaluation of the Project, the separate Build Alternatives were defined to reflect widening to both the east and the west, so that the potential impacts under the full possible range of build options would be evaluated. If the Recommended Alternative that is ultimately selected requires right-of-way outside of the boundaries defined in the ordinance, Policy T5.1 in the Comprehensive Plan, which specifically defines the boundaries, would need to be amended.

Access Management RCW 47.50

To preserve the safety and operational characteristics of state highways, RCW 47.50 was enacted in 1991, designating all highways in Washington as controlled-access facilities. Aurora Avenue N, part of SR 99, is a class 4 facility according to the WSDOT access control classification system and standards. Within this class, access management measures are identified, such as minimum driveway spacing of 250 feet and installation of medians to mitigate turning, weaving, and crossing conflicts that affect safe travel. Based on the urban environment served by Aurora Avenue N and the high traffic volumes it carries, the street's design is deficient in terms of access management for the preservation of safety and traffic operations. Any improvement to Aurora Avenue N would have to comply with access management standards defined under this law.

Chapter 3. Alternatives

This chapter describes the alternatives that are being evaluated for the proposed project.

What alternatives are considered in this discipline report?

This report evaluates the potential effects of a No Build Alternative and three Build Alternatives, described in the following sections.

No Build Alternative

Under the No Build Alternative, Aurora Avenue N would remain exactly as it is today. The roadway has two general-purpose lanes in each direction with a center two-way left-turn lane. Shoulder and sidewalk of varying widths are located sporadically along the corridor with no curb or gutter and little landscaping. The corridor is served heavily by public transit provided by King County Metro, with additional service at the north end of the corridor provided by Community Transit. Buses on Aurora Avenue N would continue to travel and stop in the general-purpose lanes.

Build Alternatives

The City has proposed three Build Alternatives: Alternative A, Alternative B, and Alternative C. Table 2 provides an overview of Project features unique in an individual Build Alternative and features common among them.

Table 2. Common and Unique Features of the Aurora Corridor Improvement Project Build Alternatives

Features Common among Build Alternatives A, B, and C	
General-purposes lanes	Project design includes two general-purpose lanes in each direction.
BAT lane	Each Build Alternative would include one Business Access and Transit (BAT) lane in each direction.
Sidewalk	7-foot sidewalks would be constructed along both sides of the corridor.
Curb and Gutter	Curb and gutter would be constructed along both sides of the corridor. Curb ramps would be constructed at all intersections in accordance with ADA requirements.
Underground utilities	Utilities would be placed underground for each of the three Build Alternatives.
Vegetation	Each of the alternatives includes vegetative plantings. Extent and location vary as described below.
Center median	A center median would be added, with left-turn and u-turn pockets (width of the center median varies by alternative, as described below).
Traffic signals	New traffic signals proposed at Aurora Avenue N/N 182nd Street and Aurora Avenue N/Firlands Way N (north of N 195th Street). Signalized intersections will be widened to improve east-west capacity and traffic flow.
Road improvements	Improvements would be made to: <ul style="list-style-type: none"> - Echo Lake Place (north of N 195th Street), including realignment and a connection to Aurora Avenue N at Firlands Way N; and - Midvale Ave N (N 175th Street – N 183rd Street), including realignment, addition of a center turn lane, curb and gutter, and sidewalk on the east side of the roadway. The new Interurban Trail will serve as the walking path on the west side of the roadway.
Features that vary among Alternatives A, B, and C	
	Alternative A
Cross Section	Typically 98 feet from back-of-sidewalk to back-of-sidewalk. The cross section will be wider where utility vaults, light/signal poles, and bump outs are located, as described below. This dimension is 12 feet narrower than the cross sections proposed under Alternatives B and C, due to a narrower median (12 feet instead of 16 feet) and the absence of the 4-foot amenity zone on each side of the roadway. The City would also acquire a continuous 3-foot-wide easement behind the sidewalk on each side of the roadway for placement of utilities.
Median Width	Center median would be 12 feet wide.
Amenity Zone	No amenity zone provided. Utility vaults and light/signal poles would be located behind the sidewalks in the 3-foot easement area.
Bump Outs	Bump outs approximately 4 feet in additional width would be needed at u-turn and left-turn locations to achieve the turning radii needed to accommodate u-turns.
Placement of Alignment	Required widening would be shifted to the east of the existing right-of-way in the vicinity of N 175th Street, N 185th Street, and N 200th Street.
Vegetation	Limited vegetation would be provided in the median.
	Alternative B
Cross Section	110 feet from back-of-sidewalk to back-of-sidewalk.
Median Width	Center median would be 16 feet wide.
Amenity Zone	A 4-foot amenity zone would be located between the curb and sidewalk on each side of the street. Utility vaults, light/signal poles, bus stop signs, hydrants, and other pedestrian amenities would be located in this area.
Bump Outs	None needed. U-turns would be sufficiently accommodated within the standard roadway width.
Placement of Alignment	Required widening would be shifted to the east of the existing right-of-way in the vicinity of N 175th Street, N 185th Street, and N 200th Street.
Vegetation	More vegetation accommodated by wider median. Vegetation could also be planted in areas within the amenity zone.
	Alternative C

Figures 2, 3, and 4 present plan views of the three build alternatives, respectively. Figure 5 presents more detailed schematic drawings of the proposed roadway configurations under each of the three alternatives.

When will the Recommended Alternative be selected?

The Recommended Alternative will be selected after all of the environmental analysis has been completed for the No Build Alternative and three Build Alternatives. The discipline reports that summarize the environmental analysis will be available for public review after they are finalized.

The boundaries of the three Build Alternatives encompass the maximum possible footprint of the Project. The Recommended Alternative ultimately selected for the Project may combine different elements from the different Build Alternatives. However, no part of the Project will occur outside of the study area analyzed in this report.

What are the project design features relevant to hazardous materials?

The Project includes the following design elements relevant to potential hazardous materials sites along the corridor.

Width of Roadway Widening

In general, each of the Project alternatives would widen Aurora Avenue N by roughly 12 feet to 30 feet. Depending on the alternative the project would widen the west side of Aurora Avenue by 12 to 24 feet, and would widen the east side of the Aurora Avenue by 12 to 30 feet.

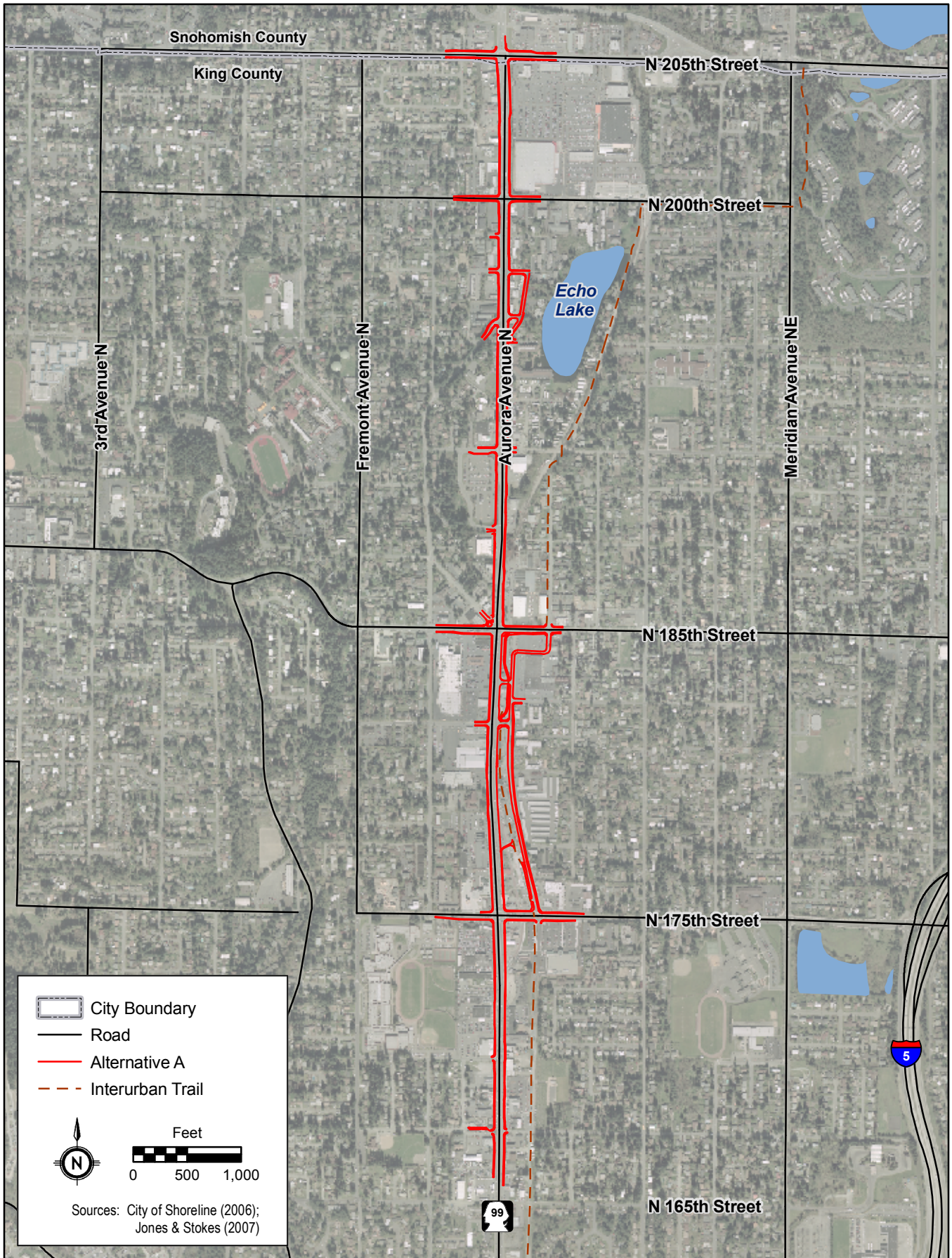
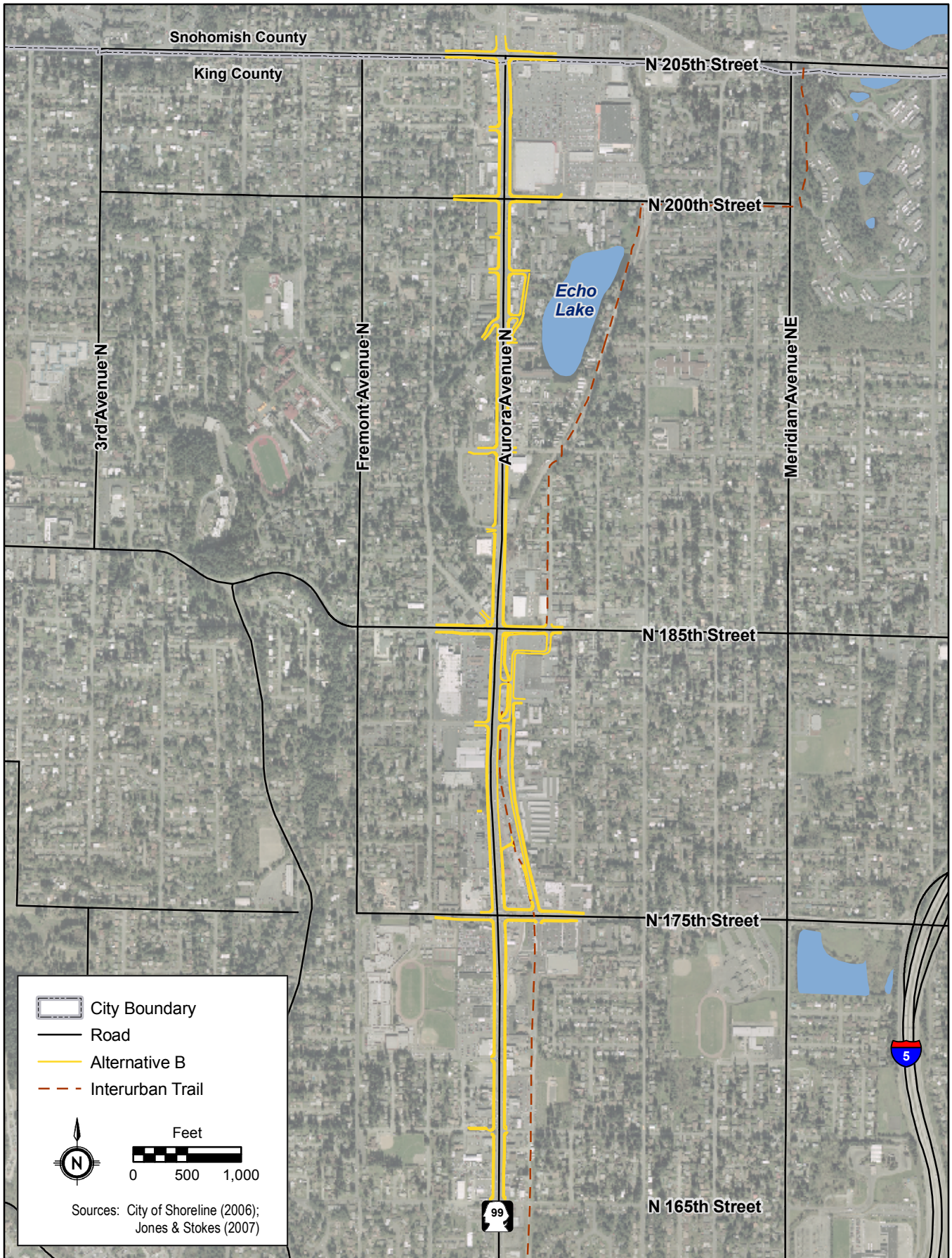








Figure 2. Alternative A
 Aurora Corridor Improvement Project
 July 2007



 City Boundary
 Road
 Alternative B
 Interurban Trail

Sources: City of Shoreline (2006);
Jones & Stokes (2007)

Figure 3. Alternative B
Aurora Corridor Improvement Project
July 2007

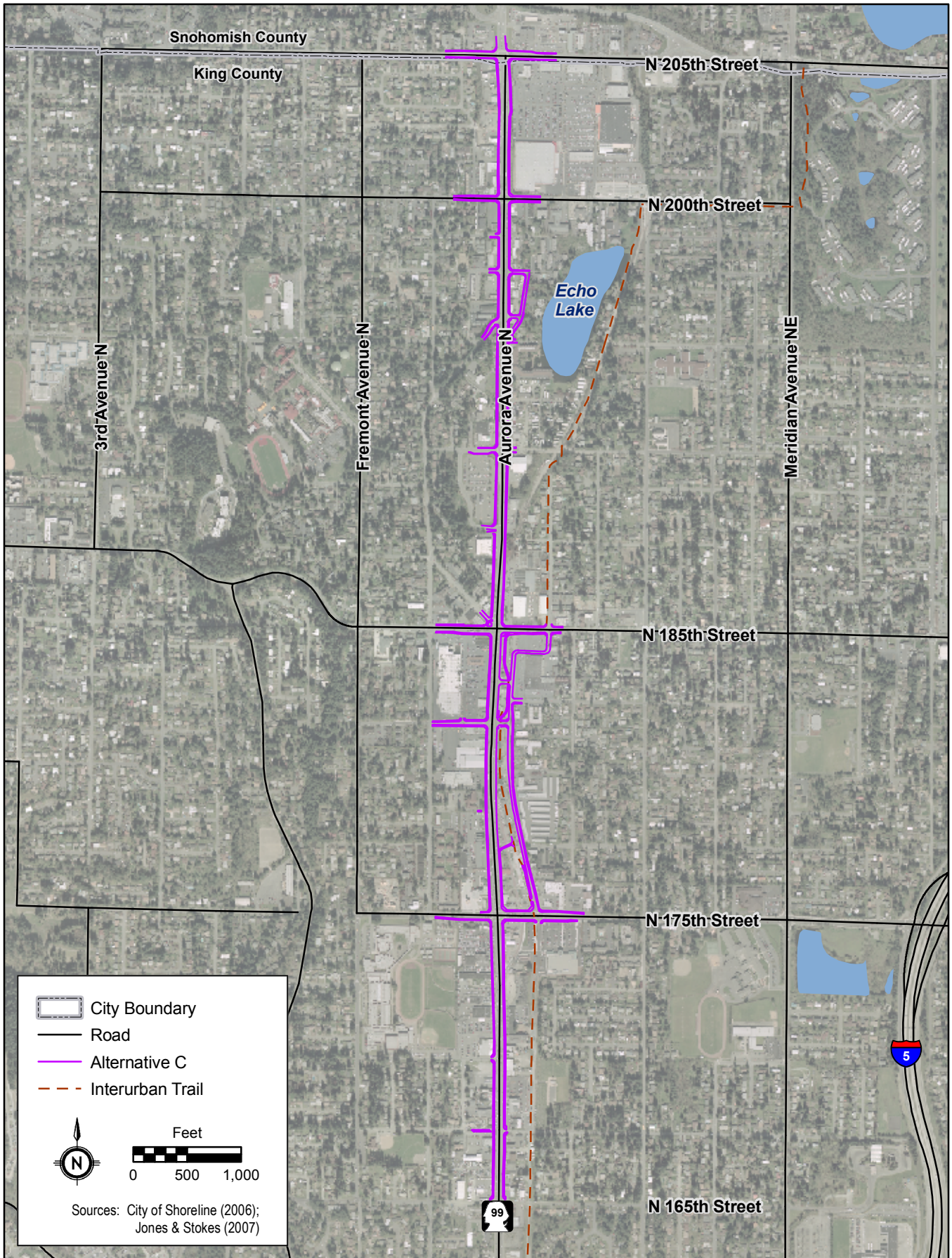
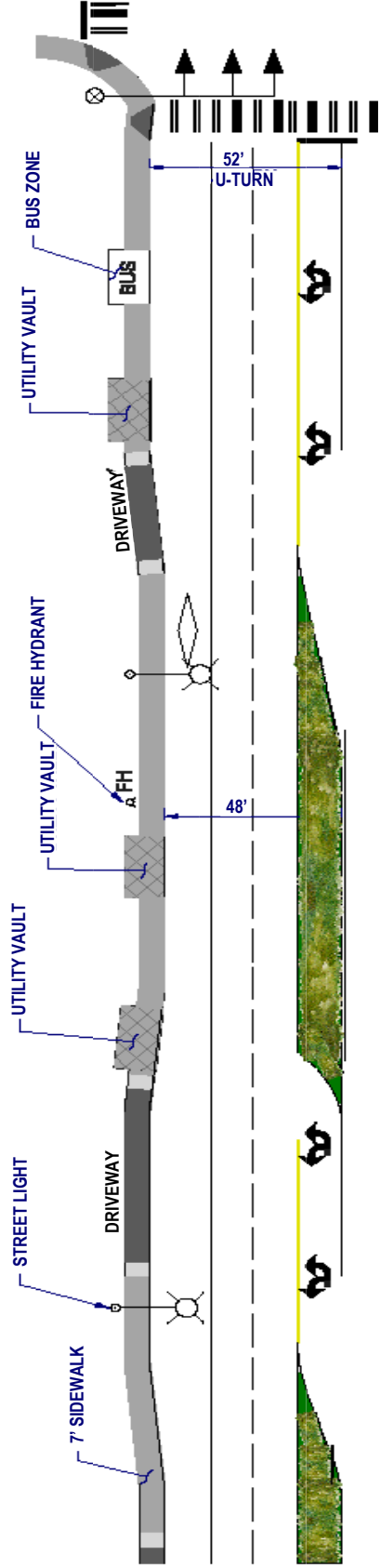
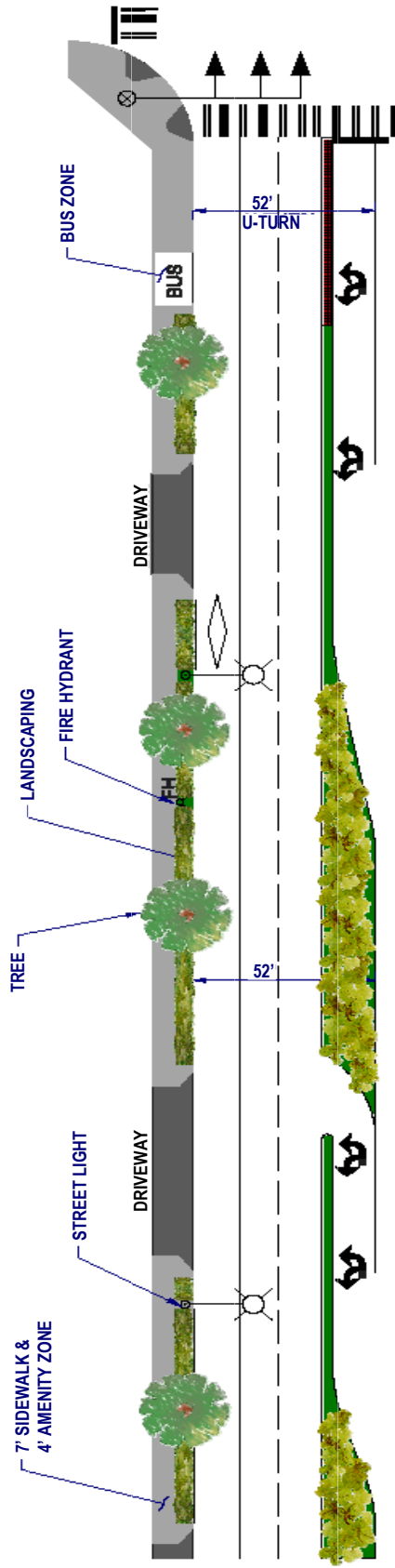


Figure 4. Alternative C
 Aurora Corridor Improvement Project
 July 2007

Alternative A



Alternatives B and C



Note: Drawing shows one direction of travel of the proposed roadway alternatives, which is typical of both directions

Figure 5. Proposed Plan Detail for Build Alternatives
Aurora Corridor Improvement Project
July 2007

Structure Demolition

The Project could require full or partial demolition of the following structures:

Alternative A

- Old Country Buffet – 16549 Aurora Avenue N
- Chuck Olson Chevrolet – 17037 Aurora Avenue N
- Aurora Rents – 17244 Aurora Avenue N
- Key Bank – 17504 Aurora Avenue N
- Retail buildings – 19550 Aurora Avenue N

Alternative B

- Old Country Buffet – 16549 Aurora Avenue N
- Gerber Towing – 16707 Aurora Avenue N
- Chuck Olson Chevrolet – 17037 Aurora Avenue N
- Aurora Rents – 17244 Aurora Avenue N
- Key Bank – 17504 Aurora Avenue N
- Retail buildings – 19550 Aurora Avenue N
- Top Tattoo – 19918 Aurora Avenue N

Alternative C

- Old Country Buffet – 16549 Aurora Avenue N
- Gerber Towing – 16707 Aurora Avenue N
- Chuck Olsen Chevrolet – 17037 Aurora Avenue N
- Aurora Rents – 17244 Aurora Avenue N
- Key Bank – 17504 Aurora Avenue N
- Shell Food Mart and Photo Express – 17505 Aurora Avenue N

- Spiro's Pizza and Pasta – 18411 Aurora Avenue N
- Retail buildings – 19550 Aurora Avenue N
- Top Tattoo – 19918 Aurora Avenue N
- Lovers – 20019 Aurora Avenue N

Surface Grading and Subsurface Excavations

Excavation for most of the Project would require surface grading. Installation of new or replacement underground utilities would require trenching to depths as great as 20 feet below grade. Foundations for new or replacement light standards would require excavation to a maximum depth of 10 feet.

Chapter 4. Affected Environment

This chapter describes existing regulations and conditions of the environment as they relate to hazardous materials.

What is the study area for hazardous materials?

The hazardous materials study area for the Project was set to 200 feet from the edges of the roadway, for Aurora Avenue N and other east-west street improvements along the corridor, between N 165th Street and N 205th Street. This study area setback is the farthest distance that a large historical spill from an historical commercial business along the corridor could reasonably be expected have caused contaminated groundwater to migrate into the Project's construction zone.

What regulations apply to hazardous materials?

The following federal, state, and local laws, regulations, and policies govern the use and storage of hazardous materials and the investigation, disposal, handling, and liability associated with hazardous wastes and contaminated sites.

Federal Regulations

- **The Resource Conservation and Recovery Act (RCRA)** provides requirements for the handling, transportation, treatment, storage, and disposal of hazardous materials and wastes. It includes provisions for identifying and classifying hazardous materials and wastes, and creates treatment standards for specific wastes through the Hazardous and Solid Waste Amendments.
- **The Toxic Substances Control Act (TSCA)** provides requirements for the handling, transportation, treatment, storage, and disposal of hazardous materials and wastes containing a limited number of specific compounds, including polychlorinated biphenyls (PCBs).
- **The Occupational Safety and Health Act (OSHA)** establishes requirements for site safety procedures, worker training, worker safety, and health standards for employees engaged in work where hazardous materials are encountered. All work relating to the handling of, and potential exposure to, hazardous substances by workers on the road improvement project must be in compliance with the relevant sections of OSHA.
- **The Clean Water Act (CWA)** provides for comprehensive federal regulation of all sources of water pollution. Any activities associated with the road improvement project that could introduce hazardous substances to surface waters of the United States (including wetlands), must be in compliance with CWA. Several federal and state permit programs have been established to address CWA issues.
- **The Safe Drinking Water Act (SDWA)** provides administrative and legal authority to protect public drinking water systems. Construction and operation activities would be required to protect groundwater from exposure to hazardous substances. Aquifers designated as Sole Source Aquifers under this act are recognized as being the only source of a community's drinking water.

Aquifer

A body of rock that sufficiently allows groundwater to move through it and yields significant quantities of water to wells and springs.

State Regulations

Washington State implements many of the federal statutes pertaining to hazardous materials and waste along with its own, often more stringent, laws and regulations. Applicable state laws are described below.

- **Model Toxic Control Act (MTCA) Cleanup Regulation:** Washington Administrative Code (WAC) 173-340 implements the MTCA, RCW 70.105D. MTCA sets requirements for site discovery and reporting, site assessments, and hazardous site listing. This regulation defines standard methods to assess whether a site is contaminated or clean, and it specifically relates to any hazardous materials and waste investigations associated with the road improvement project.
- **Dangerous Waste Regulations:** WAC 173-303 implements RCRA and the Hazardous Waste Management Act, RCW 70-105. These regulations provide waste identification procedures unique to Washington State. Detailed requirements for forms and rules related to preparing manifests and transporting hazardous waste are also included.
- **Water Pollution Act:** RCW 90.48 implements two administrative regulations that control pollution in state waters.
- **Water Quality Standards for Surface Waters of the State:** WAC 173-201A establishes standards for toxic substances, conventional parameters (e.g., Ph, dissolved oxygen, temperature), and aesthetic values for marine and fresh surface waters.
- **Water Quality Standards for Ground Water of the State:** Contains standards for groundwater similar to those mentioned above for surface water with special emphasis on radionuclides and carcinogens because of potability issues. Any construction or operational activities associated with the road improvement project must comply with Washington's water quality standards.
- **Wastewater Discharges to Surface Waters:** WAC 173-220 regulates discharge to surface water from construction projects. Under this program, it is unlawful to discharge polluting matter to surface waters without a National Pollutant Discharge Elimination System (NPDES) permit. A general NPDES permit

Model Toxic Control Act (MTCA)

Washington Administrative Code describing a process to identify, investigate, and clean up properties that may threaten human health or the environment.

for construction would be required for the road improvement project.

- **Wastewater Discharges to Ground Waters: WAC 173-216** regulates discharge of stormwater to detention basins if this water contains unacceptable concentrations of polluting matter.
- **Washington Industrial Safety and Health Act (WISHA): RCW 49-17** implements the Occupational Health Standards, WAC 296 62, and Safety Standards for Construction Work, WAC 296 155. These standards cover operations at known hazardous waste sites and initial investigations of sites identified by the government, which are conducted before the presence or absence of hazardous substances has been determined. Rules on site assessment and control, training, personal protective equipment (PPE), and emergency response are included. All construction activities, including the handling of hazardous materials (such as asbestos-containing material and building materials surfaced with lead-based paint), associated with the road improvement project must comply with WISHA.

What are the general features and physical setting of the Project area?

Land Use Related to Hazardous Materials

Land use within 200 feet on either side of Aurora Avenue N consists of mixed commercial uses and multiple-family apartments and condominiums. There are several gas stations, car dealerships, and auto repair shops located along the corridor that store and use hazardous materials.

Topography

Aurora Avenue N is nearly level along the Project corridor, with only minor elevation changes between the south end and the north end of the corridor. Terrain on the west side of the road is generally higher than the road, while terrain on the east side is generally lower than the road.

Soils and Hydrogeology

Based on review of site cleanup reports the native soil under the Aurora Avenue N corridor appears to be Vashon glacial till consisting of dense sand, gravel, and cobbles. (GeoEngineers 2003, Kleinfelder 1993) Surface fill exists at some properties. The uppermost continuous groundwater zone appears to be deeper than 20 feet below ground surface (bgs). Groundwater was encountered at 21 feet bgs at the 17200 block of Aurora Avenue N (GeoEngineers 2003); no groundwater was encountered in 14-foot-deep underground tank excavations just beyond the southern project boundary at the 16200 block (RZA-AGRA 1991), and no groundwater was encountered in 28-foot-deep soil borings at the 17500 block. (Kleinfelder 1993) No indication of the gradient direction in the continuous groundwater zone was available through the previous studies reviewed for this report.

There are indications that localized lenses of shallow perched groundwater can occur during the rainy season. For example, perched groundwater was encountered at a few feet bgs at an excavation in the 20400 block in December 2001 (SECOR 2002).

Echo Lake is 200 feet east of Aurora Avenue N near the 19000 to 20000 blocks. The lake elevation is roughly 30 feet below the elevation of the street. The presence of the lake is not expected to affect construction of the project.

How was information collected on hazardous materials for this report?

The methods used to collect information on existing and historical businesses that could have used, stored, and released hazardous materials are described below.

Regulatory Database Review

Jones & Stokes retained Environmental Data Resources (EDR) to provide a review of regulatory database information for facilities within 1 mile of Aurora Avenue N. Due to the length of the Project corridor, two EDR database searches were completed: one for the southern end, and one for the northern end. The site identifiers in the southern end are preceded by “South-” and in the northern portion

EDR Report

The EDR report includes a list of databases searched; a statistical profile, indicating the number of properties within the study area; and, selected detailed information from federal and state lists and maps, illustrating the identifiable sites within the indicated search radius. Sites are located on the focus maps provided by EDR. The EDR report is attached as Appendix A.

are preceded by “North” (e.g. “South-O85” and “North-B8”). The EDR report generated for this Project is included in this report in Appendix A, and the electronic version in Appendix B.

EDR’s review is generally consistent with the American Society for Testing and Materials (ASTM) Practice E 1527 97, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Pursuant to ASTM guidance, federal and state databases were consulted to determine whether the sites of potential concern would appear on lists of entities that generate, transport, store, or dispose of hazardous materials. Lists of entities that are identified as potentially contaminated and that could possibly adversely impact one or more of the parcels researched were also examined. Federal databases consulted included the following:

- National Priorities List;
- EPA Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) Database;
- EPA Emergency Response Notification System (ERNS) Database;
- EPA Facility Index System (FINDS) Database;
- Resource Conservation and Recovery Act (RCRA) Information System; and
- Corrective Action Report (CORRACTS).

State of Washington databases consulted for each of the sites of concern include the following:

- Underground Storage Tank (UST) list;
- Leaking Underground Storage Tank (LUST) list;
- Model Toxic Control Act (MTCA) Confirmed and Suspected Contaminated Sites List (CSCSL) database;
- Ecology Independent Cleanup Report (ICR) database;
- Ecology spills database;
- Ecology Voluntary Cleanup Program (VCP) database; and
- Washington State’s Solid Waste Facility List.

Historic Research and Sanborn Fire Protection Maps

Following is a description of the historical resources located to support the analysis presented in this report. Electronic files of the materials located by EDR are included in Appendix B of this report.

Polk's Historical Directories

The EDR database report described above included a review of Polk's historical "reverse telephone directories" to identify gas stations, auto shops, and dry cleaners that were once in business along Aurora Avenue N, but are no longer in business today. EDR's review disclosed numerous historical businesses, which are described later in this report.

Sanborn Maps

EDR attempted to locate historical Sanborn fire protection maps for the study area. They were unable to find any such records, presumably because Sanborn's historical coverage of the Seattle area did not extend as far north as the current City of Shoreline.

Historical Aerial Photographs

EDR provided historical aerial photographs for the period 1952 through 1990. The information derived from those historical photographs is described later in this report.

Categorization of Identified Hazardous Material Sites

In accordance with WSDOT guidance each identified hazardous materials site was categorized into one of the following groups, based on review of the historical records described previously:

- **Sites with No Apparent Risk (20 sites)** include those sites for which the records indicate there is little potential for contaminants to migrate into the Project's construction zone.
- **Reasonably Predictable Sites (8 sites)** are sites where the nature of potential contamination is known based on existing investigation data, or where it can be reasonably predicted based on observations of the site, and/or experience at similar sites, and/or best engineering judgment. Reasonably predictable sites are typically small to medium in size; the potential contaminants

Reasonably Predictable Sites

Sites where the nature of potential contamination is known based on existing investigation data, or where it can be reasonably predicted based on observations of the site, and/or experience at similar sites, and/or best engineering judgment.

are not extremely toxic or difficult to treat; and probable remediation approaches are straightforward and well proven.

- **Substantially Contaminated Sites (no identified sites)** are sites that could create a major liability for the proponent due to a combination of characteristics: highly toxic and/or highly mobile contaminants; difficult, costly, or unproven site remediation requirements; potential for construction delays; or because project completion may require acquisition of all or a portion of a contaminated site. If the site has undergone a detailed investigation and a feasibility study, the impacts, required remediation strategy, and remediation costs may have already been predicted. Nonetheless, such sites are identified as substantially contaminated because of their potential substantial impact or liability.
- **Historical Orphan Sites (9 sites)** are former businesses that were indicated by EDR’s survey of Polk’s historical directories. They are sites for which the former business name and former address are identified but for which Ecology has no hazardous material records. Note, these sites are not the same as “Orphans” listed in the EDR report, which are miscellaneous sites for which EDR does not have street addresses or the names of former owners.

Substantially Contaminated Sites

Sites that could create a major liability for the proponent due to a combination of characteristics: highly toxic and/or highly mobile contaminants; difficult, costly, or unproven site remediation requirements.

Review of Ecology Regulatory Files for Reasonably Predictable Site Cleanup Activity

Based on the review of the EDR regulatory record search, Jones & Stokes staff visited the Ecology regional office in Bellevue, WA, to inspect the agency’s regulatory files for those sites that appear to be either Reasonably Predictable or Substantially Contaminated. The purpose of the file review was to confirm the nature and extent of contaminant migration relative to the Project’s construction zones, and to confirm the status of ongoing site characterization and site remediation.

Site Visits

Site visits were conducted on February 12, 2007, February 19, 2007, and April 10, 2007, to inspect each of the sites that appeared to qualify for Reasonably Predictable Sites, and to inspect the current parcels that historically held gas stations, auto shops, and dry cleaners no longer in operation.

What was the historic land use in the study area?

Land use along the corridor is primarily commercial businesses, with occasional multi-family apartments. Historical aerial photographs of the Project corridor for the period 1952 through 1990 showed no evidence of historical, industrial activity no longer in operation that could have contaminated soil or groundwater within the Project's construction zones. Aerial photographs showed the following trends:

Year 1955

The corridor was sparsely developed with what appear to be mostly low-density houses. No major shopping centers had been built.

Year 1965

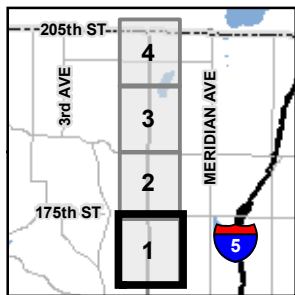
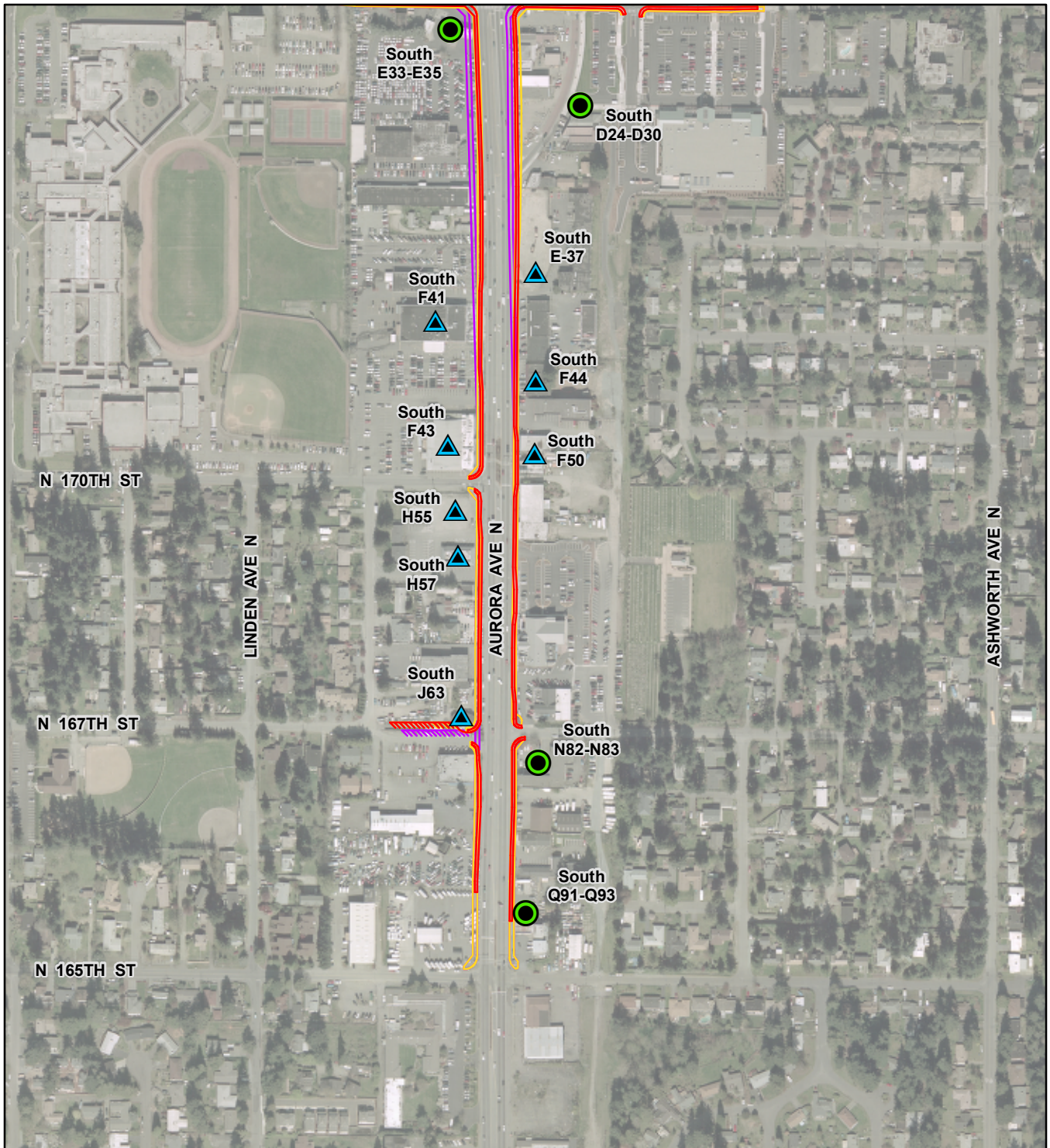
The corridor from N 165th Street to N 180th Street was becoming developed with commercial businesses. Major shopping centers had been constructed near N 175th Street and the Aurora Village area near N 205th Street. No large car dealerships had been constructed.





Year 1977

The portion of the corridor between N 165th Street and N 180th Street was nearly fully developed. Many car dealerships had been constructed on the west side of Aurora Avenue N.



What hazardous materials and contaminated sites were found in the study area?

The database reviews described above identified many existing and historical commercial facilities that are either known or suspected to have released hazardous materials into soil or groundwater. Each of the facilities was grouped into the following categories: Reasonably Predictable Sites, Historical Orphan Sites, Substantially Contaminated Sites, or Sites Posing No Apparent Risk. The approximate location of each identified Reasonably Predictable Site and Historical Orphan Site is shown in Figures 6a through 6d. The facilities in each category are described in the following sections.



-  City Boundary
-  Alternative A
-  Alternative B
-  Alternative C

Hazardous Materials Sites

-  Historical Orphan Site
-  Reasonably Predictable Site

Sources: City of Shoreline (2006); Jones & Stokes (2007)

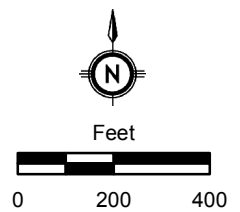
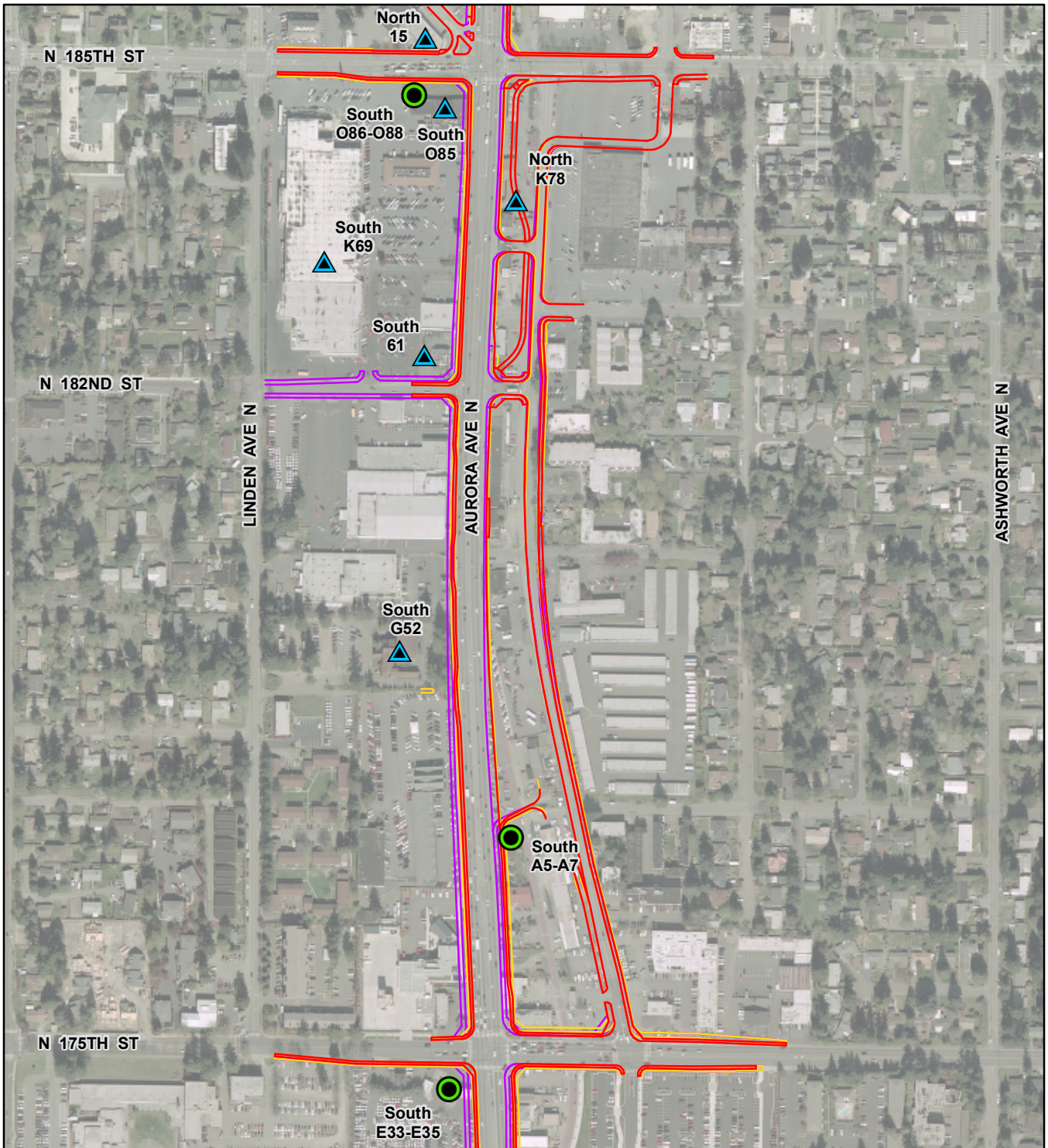
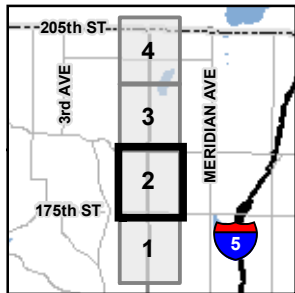








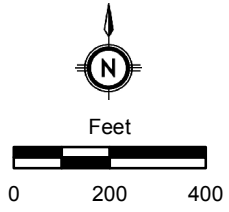
Figure 6a. Reasonably Predictable Hazardous Material Sites - Sheet 1 of 4
Aurora Corridor Improvement Project
July 2007

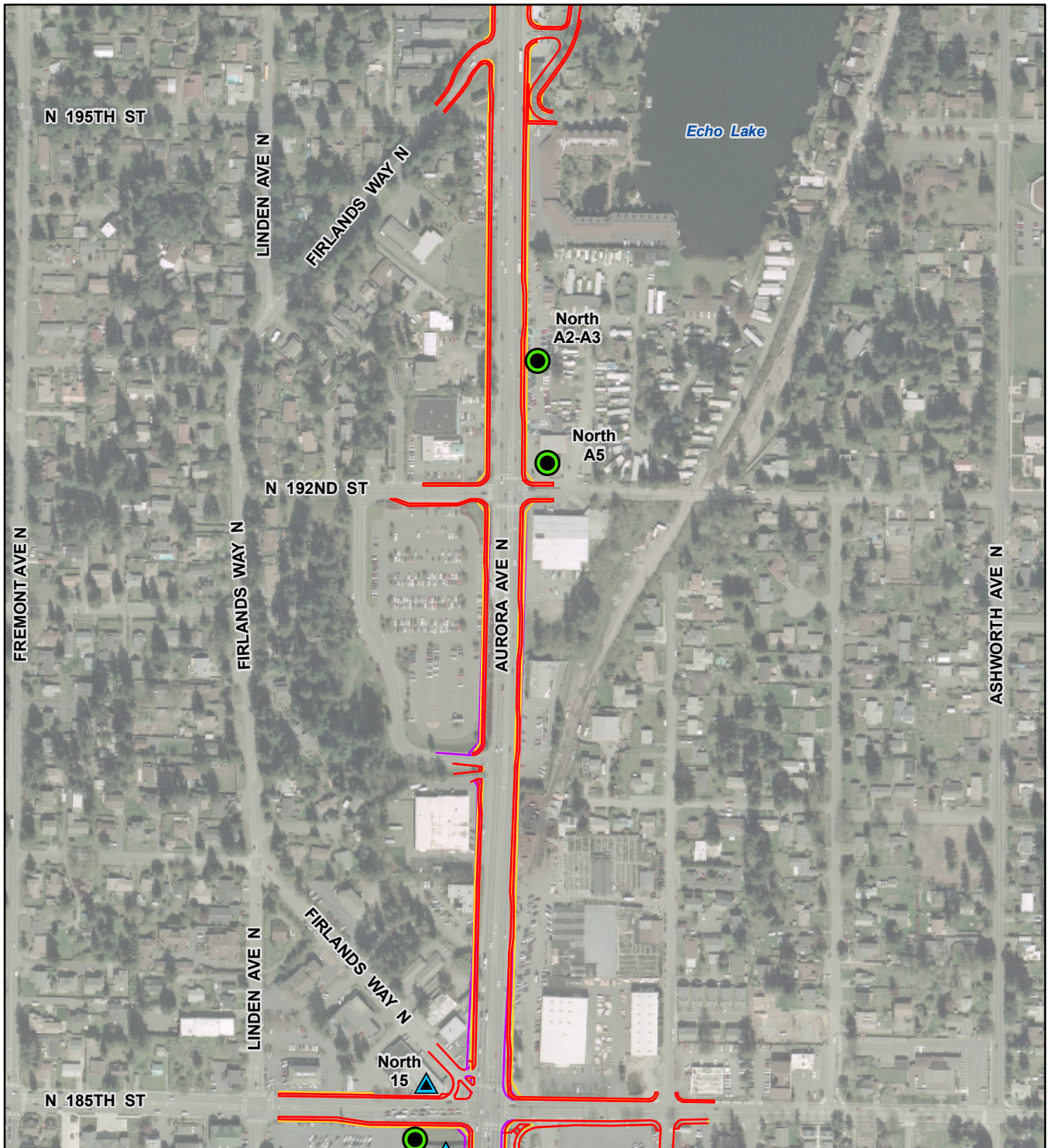


Sources: City of Shoreline (2006); Jones & Stokes (2007)

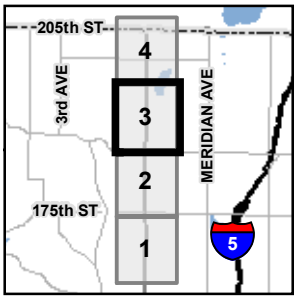


-  City Boundary
 -  Alternative A
 -  Alternative B
 -  Alternative C
- Hazardous Materials Sites**
-  Historical Orphan Site
 -  Reasonably Predictable Site





Sources: City of Shoreline (2006); Jones & Stokes (2007)



- City Boundary
 - Alternative A
 - Alternative B
 - Alternative C
- Hazardous Materials Sites**
- Historical Orphan Site
 - Reasonably Predictable Site

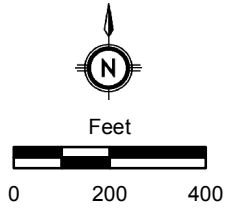
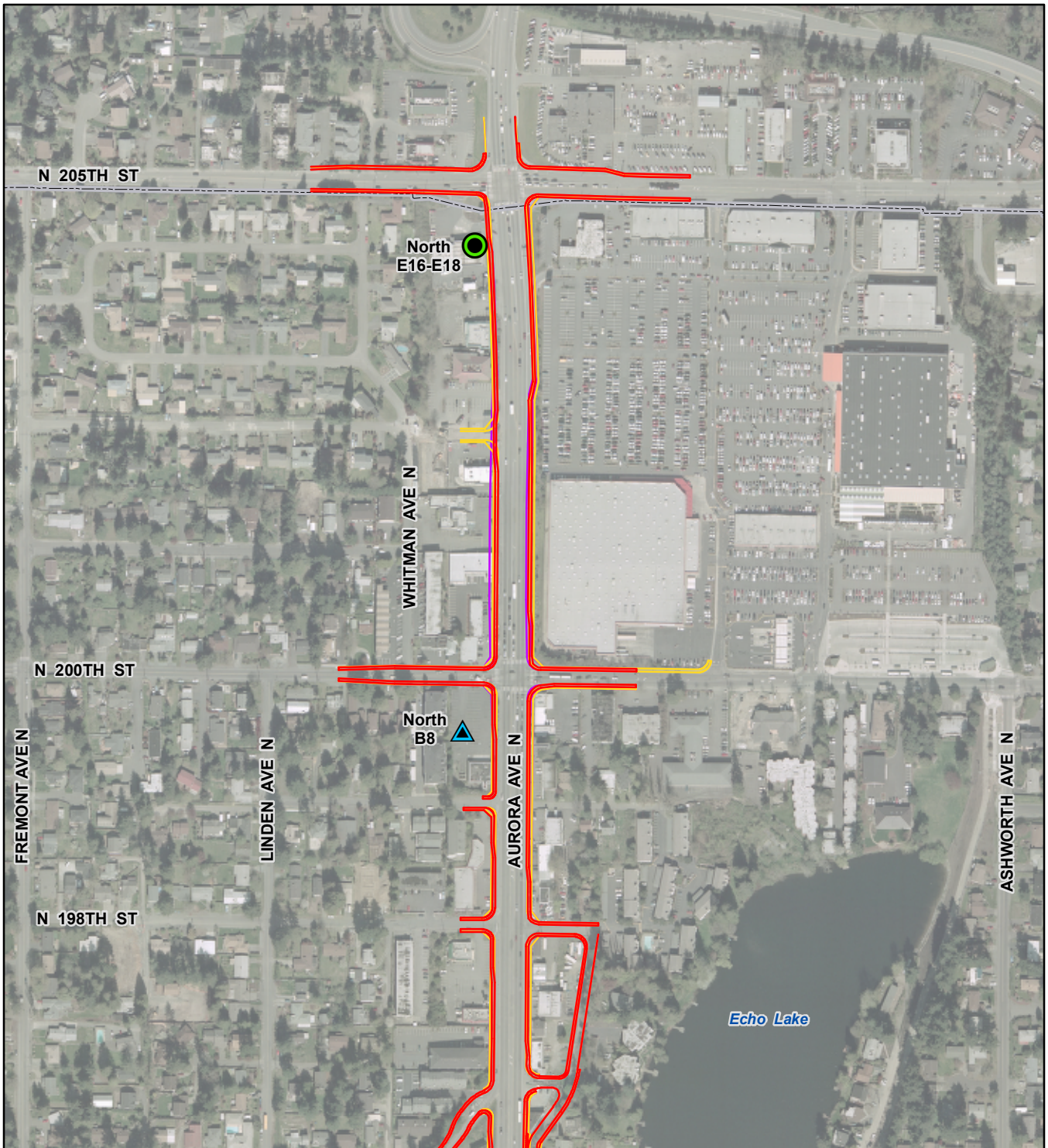
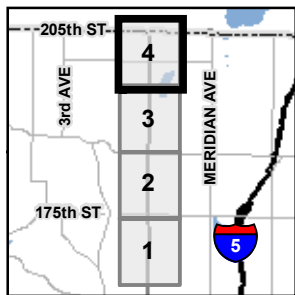








Figure 6c. Reasonably Predictable Hazardous Material Sites - Sheet 3 of 4
Aurora Corridor Improvement Project
July 2007



Sources: City of Shoreline (2006); Jones & Stokes (2007)



-  City Boundary
 -  Alternative A
 -  Alternative B
 -  Alternative C
- Hazardous Materials Sites**
-  Historical Orphan Site
 -  Reasonably Predictable Site

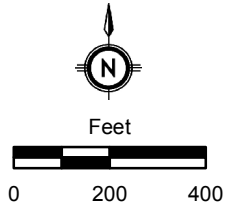


Figure 6d. Reasonably Predictable Hazardous Material Sites - Sheet 4 of 4
 Aurora Corridor Improvement Project
 July 2007

Reasonably Predictable Sites

Table 3 lists sites classified as Reasonably Predictable because the EDR database review showed historical contamination on the property exhibits one or more of the following characteristics:

- The site reported an historical release, but the release affected only soil, and the spill location is far enough from the Project construction zone that there is negligible potential for contamination to migrate into the Project construction zone.
- The reported release has the potential to impact groundwater, but the property owner has implemented groundwater remediation to prevent migration into the Project construction zone.
- The reported release caused groundwater contamination that might have migrated under the Project construction zone, but groundwater is deep enough so Project construction would not require dewatering.

Jones & Stokes reviewed Ecology's site cleanup files for each of the Reasonably Predictable properties listed in Table 3. The findings from the Ecology file reviews for each site are described in the following sections.

Sites North-A2-A3, Former Holiday Resort, 19260 Aurora Avenue N

Ecology records indicate this site appears to pose no risk to the Project. In May 2003 the property owner reported petroleum-stained soil originating from his tenant, BI Auto Sales. The stained soil was caused by a malfunctioning oil-water separator (OWS). In June 2003 the tenant cleaned up the contamination (Associated Earth Sciences 2003). The OWS was dismantled and removed; then 51 tons of contaminated soil was removed to a depth of 5 feet bgs. The contaminated soil was shipped to an off-site landfill. Confirmatory testing of the excavation showed residual petroleum hydrocarbon concentrations were below MTCA cleanup limits. The excavation was backfilled and the OWS was replaced.

Recommendation

No further action.

Table 3. Reasonably Predictable Sites

EDR Site Number	Business Name	EDR Database Findings	Ecology File Review Findings	Recognized Environmental Concern Requiring Further Mitigation?
Northern Section of the Aurora Project				
North-A2-A3	Former Holiday Resort 19260 Aurora Avenue N	CSCLS: Soil impact confirmed, groundwater impact suspected. VCP: Final Independent Remedial Action Report received by Ecology.	Records indicate this site was cleaned up. Stained soil around an oil-water separator (OWS) was reported to Ecology. In 2003 the OWS was removed, and 51 tons of contaminated soil was removed. Confirmatory soil samples confirmed residual concentrations below MTCA limits. <u>Recommendation:</u> no further action.	No
North-E16-E18	Conoco Phillips 20409 Aurora Avenue N BP Service Station 20409 Aurora Avenue N	RCRA small quantity generator. UST: 4 operational tanks, 3 removed tanks CSCSL: Suspected soil contamination and suspected groundwater contamination. No record of site cleanup	This site does not appear to pose a risk to the Project. Hydraulic oil was discovered in shallow soil in 2002 during replacement of an indoor hydraulic lift. Contaminated soil was removed. Residual soil concentrations less than MTCA. Shallow perched groundwater prevented excavation or soil sampling below water level. No indication of whether groundwater was sampled. The Project will not widen the ROW enough to encroach into the area where soil contamination was found. If groundwater has been affected, then the contaminated groundwater would be much deeper than the shallow excavations required for the Project. <u>Recommendation:</u> no further action.	No
Southern Section of the Aurora Project				
South-A5-A6-A7	Tune N Lube 17550 Aurora Avenue N	LUST: Kerosene contamination in soil was discovered during removal of two LUSTs in 1982. As of 2002 Ecology had no records regarding if the contamination had been remediated.	This site poses a risk to Project construction. Ecology files indicate historical soil contamination by kerosene exists under the site, related to removal of two kerosene USTs in 1982 (Ecology 1992). The depth and lateral extent of contamination is unknown. It is possible that grading activities associated with Project construction could encounter the historical soil contamination. This site was formerly occupied by Joe's ARCO (described below). Recommended remedial actions for the Tune N Lube operation are included in the recommendations for Joe's ARCO.	<u>YES</u>

EDR Site Number	Business Name	EDR Database Findings	Ecology File Review Findings	Recognized Environmental Concern Requiring Further Mitigation?
	<p>Joe's ARCO 17550 Aurora Avenue N</p>	<p>Former gas station from at least 1969 to 1975. Ecology files did not include any reports on how this former gas station was decommissioned.</p>	<p>Ecology files do not include reports of when or how the UST and pump islands at the former Joe's ARCO were removed and/or remediated. It is possible the station's USTs are still in place, and it is possible soil contamination exists near the location of the former USTs and pump islands. Therefore, shallow roadway excavation could encounter contaminated soil.</p> <p>The former Joe's ARCO gas station and the former Tune N Lube occupied the same site. Ecology files included no records of how the USTs, dispenser pumps, and underground piping were investigated and remediated after the gas station ceased operation. It is possible the USTs and piping are still in place, and it is possible soil and groundwater contamination related to historical gasoline leaks exists under the site. If shallow soil is contaminated, it could interfere with site grading activities associated with Project construction. It is unlikely Project construction will encounter groundwater, but the presence of historical groundwater contamination could expose the City to future regulatory liability.</p> <p><u>Recommendation:</u> The City should alert its construction contractors regarding potential soil contamination, and require the contractor to implement a contingency plan to remediate any contaminated soil encountered during construction.</p> <p><u>Recommendation:</u> Either the City or the current owner should conduct a Phase II soil and groundwater investigation. Any identified contamination should be reported to Ecology and remediated under Ecology's Voluntary Cleanup Program.</p> <p><u>Recommendation:</u> The City should either require the current owner to remediate the closed-in-place LUST and its soil contamination, or the City should remediate it when Aurora Avenue is widened.</p> <p><u>Recommendation:</u> The City should require the current owner to conduct a Phase II soil and groundwater investigation related to the former Joe's ARCO that occupied the parcel.</p>	<p><u>YES</u></p>
<p>South-D24-D30</p>	<p>Burke Property/ Exotic Wheels 17248 Ronald Place</p>	<p>CSCSL: Confirmed release of petroleum compounds, non-halogenated solvents, and metals to soil. "Interim Remedial Action Report" received by Ecology. ICR: "Interim Cleanup Report" received by Ecology as of 1993.</p>		<p>No</p>

EDR Site Number	Business Name	EDR Database Findings	Ecology File Review Findings	Recognized Environmental Concern Requiring Further Mitigation?
	Highland Radiator and Electric	A prior automobile repair shop in business in 1981.	<p>28 feet did not detect groundwater. The consultant's 1993 report recommended reporting the confirmed contamination to Ecology, and that report apparently triggered the CSCSL listing.</p> <p>Ecology's ICR database indicates a 1993 Interim Cleanup Report was received by the agency, but no such report was found in Ecology's files. Presumably that report actually was submitted, and documented a successful soil cleanup.</p> <p>This property is on Ronald Place, which is over 100 feet from Aurora Avenue. Even if the reported shallow soil contamination was not completely remediated, it is unlikely the shallow contamination could migrate into the Project's construction zone.</p> <p><u>Recommendation:</u> no further action.</p>	
	Jim's Auto Repair Inc.	A prior automobile repair shop in business in 1981.		
	Randy Repaints	This site is a RCRA small quantity generator with no reported releases.		
	Jim and Sons Auto Repair Inc.	A prior automobile repair shop in business in 1975.		
South-E33-E35	Highland Texaco 17255 Aurora Avenue N	LUST: Spill to soil reported 1994. Reported as "Cleanup Started" as of 1995. UST: 3 operational tanks, 3 tanks removed.	Records indicate this site was cleaned up in 2003 when three USTs were removed. Residual soil contamination exceeding MTCA limits was left in place, but only at depths exceeding 15 feet and only under existing pump islands.	No
	Ramney S Highland Shell	Prior gas station from at least 1969-1981.	Records indicate a 1993 gasoline release from underground piping was cleaned up in 1993. Residual soil contamination exceeding MTCA limits was left in place, but only under existing pump islands.	
	Texaco Gas Station	RCRA: Small quantity generator	There appears to be little potential for groundwater contamination. Groundwater is believed to be 21 feet bgs. Therefore, there appears to be little potential for contaminants to migrate from this site into the Project construction zone. <u>Recommendation:</u> no further action.	
South-N82-N83	First Interstate Property 16622 Aurora Avenue N	ICR: Release to groundwater from a Tank reported in 1991. No indication of cleanup status.	Records indicate this site has been cleaned up. A waste oil release to soil was discovered and cleaned up in 2002. No groundwater impacts were found. Contaminated soil was removed, and confirmatory soil analyses showed residual concentrations less than MTCA limits. Ecology issued a No Further Action letter in September 1991.	No
	60 minute Tune	LUST: release to soil reported in 1991. "Cleanup started" reported 1991. "Reported cleaned up" as of 1995.	<u>Recommendation:</u> no further action.	

EDR Site Number	Business Name	EDR Database Findings	Ecology File Review Findings	Recognized Environmental Concern Requiring Further Mitigation?
South-O86-O88	Bill Langeberg Chevron 18425 Aurora Avenue N	<p>UST: 5 removed tanks, no operational tanks reported.</p> <p>LUST: Release to soil reported as of 1995. "Cleanup Started" reported as of 1995. 2002 Ecology letter states the agency believes the site poses a risk to soil and groundwater.</p> <p>ICR: Interim Cleanup Report submitted as of 1995. Residual soil contamination exceeds MTCA cleanup standards.</p>	<p>This site poses a potential risk to construction of the Project, and the City would be liable for groundwater remediation if they acquire the site.</p> <p>Contaminated soil containing gasoline and diesel fuel was discovered when the USTs were removed in 1994. Most of the contaminated soil was removed, but residual soil contamination remains at locations that could not be excavated. . A 2002 Ecology letter states the agency believes the site poses a risk to soil and groundwater, based on the high residual concentrations of fuel contamination found at the bottoms of deep LUST excavations. . Ecology files do not include any reports indicating whether the residual contamination was ever removed when the site was demolished.</p> <p>The Project will widen N 185th Street (and possibly Aurora Avenue) into areas where residual soil contamination was left in place. There is a significant risk that Ecology will eventually require a Phase II groundwater investigation for this site.</p> <p><u>Recommendation:</u> Either the current owner or the City should conduct Phase II investigations and remediate contaminated soil before site grading begins. Based on the results of the Phase II investigation, the current owner should indemnify the City against costs for future groundwater remediation.</p>	<p><u>YES</u></p>
South-Q91-93	ConocoPhillips Co. 16510 Aurora Avenue N Unocal	<p>UST: 4 operational tanks</p> <p>LUST: Release to soil reported 1994, "Awaiting Cleanup" as of 1995.</p> <p>ICR: Interim Cleanup Report received 1994, for release of petroleum products to soil for a LUST.</p> <p>ICR: Interim Cleanup Report received 2001, for release of petroleum products to soil for a LUST.</p>	<p>Ecology files had no record of the Interim Cleanup Reports indicated by the EDR report. However, the LUST records show the release was limited to petroleum products into soil. Remediation for such releases is relatively simple, so presumably the Interim Cleanup Report described by the EDR report described a successful remediation.</p> <p>Based on that information, it is concluded residual contaminants, if any, still present in the soil at this facility have little potential to migrate into the Project construction zone.</p> <p><u>Recommendation:</u> no further action.</p>	<p>No</p>

Sites North-E16-E18, Conoco Phillips Gas Station, 20409 Aurora Avenue N (Now Aurora Village Union 76)

Ecology records indicate this site does not appear to pose a risk to the Project.

The EDR report indicates this gas station uses four underground fuel storage tanks. No LUSTs have been reported at this site. The facility is included on Ecology's CSCSL. Ecology files were reviewed, and a site cleanup report was reviewed. That report is described below.

Site reconnaissance indicated what appeared to be five former soil boring locations and one possible groundwater monitoring well surrounding the existing USTs. Ecology files did not include reports describing any previous soil or groundwater investigations related to the USTs.

Ecology files included a cleanup report related to a discovered release to soil. Hydraulic oil was discovered in a shallow soil excavation in 2002 during replacement of an indoor hydraulic lift inside the service station (SECOR 2002). Perched groundwater partially filled the excavation. Spilled hydraulic oil floating on the standing water in the pit was vacuumed out and contaminated soil was removed. Confirmatory soil samples were taken from the portion of the pit sidewalls above the standing water. Analytical results showed residual concentrations of petroleum hydrocarbons were less than MTCA cleanup limits. The pit was then backfilled and the hydraulic lift construction project was completed.

Based on the test results soil contamination was cleaned up, but there is no indication that groundwater contamination was ever investigated. Even in the absence of such an investigation, and even if localized groundwater near the hydraulic lift was affected by the minor spill, it is unlikely Project construction would be affected. Aerial photographs of the parcel indicate the indoor service bay where the spill occurred is 100 feet from the current roadway. Hydraulic oil is not very mobile in groundwater, so it is unlikely that petroleum hydrocarbons could migrate via perched groundwater into the Project construction zone.

This site does not appear to pose a risk to construction of the Project. None of the Build Alternatives would widen roadways enough to

encroach into existing USTs or pump islands. There is no indication that soil or groundwater contamination exists at this site.

Recommendation

No further action.

Sites South-A5-A7, Former Tune N Lube and Former Joe's ARCO, 17550 Aurora Avenue N (Now Car City Used Cars)

Review of Ecology files indicates this site could affect construction of the Project, due to the likely presence of historical soil contamination from LUST removal. It is also possible that soil and groundwater under the site was contaminated by the former Joe's ARCO gas station.

Ecology records include a 1992 notification (submitted by Tune N Lube) that historical kerosene-contaminated soil exists under the site, related to removal of two kerosene USTs in 1982 (Ecology 1992). That 1992 notification also indicated a small waste oil UST had been removed in 1992, with no apparent soil contamination. Ecology files included no reports or database records indicating the reported soil contamination was ever remediated. Therefore, it is likely that the reported kerosene contamination still exists, although the depth and lateral extent of contamination related to the 1992 Tune N Lube report are unknown.

The property was used by a gas station (Joe's ARCO) from 1969 to 1975. No pump islands remain at the site, but the disposition of the fuel tanks is unknown. Ecology files did not include any reports on how, or if, the former gas station was remediated when it ceased operation. Therefore, it is possible that soil and/or groundwater under the site could be contaminated by historical releases from the former gas station's USTs and underground fuel piping.

Construction of the Project would widen Aurora Avenue N enough to require demolition of the former gas station building and pump islands. Soil contamination associated with leaks from LUSTs would likely be 5 to 10 feet bgs, but soil contamination associated with underground fuel piping and the former fuel dispensers could be within 2 feet bgs. Therefore, it is possible that shallow grading and deep excavations for Project construction could encounter

contaminated soil originating from both the former Tune N Lube and the former Joe's ARCO.

It is unlikely construction of the Project would require excavations deep enough to encounter groundwater, clean or otherwise. However, the presence of contaminated groundwater could expose the City to regulatory liability.

Recommendation

Recommendations are as follows:

- The City should alert the construction contractor regarding the presence of kerosene contamination in subsurface soil, and require the contractor to develop a contingency plan in case they encounter suspected soil contamination.
- Either the current owner or the City should conduct Phase II soil and groundwater investigations to define potential soil and groundwater contamination related to the former Joe's ARCO.
- Identified contamination should be appropriately remediated in accordance with MTCA regulations. A range of appropriate remediation measures is described later in this report.

Specific remediation measures are described later in Chapter 6, *Measures Taken to Avoid or Minimize Project Effects*.

Sites South-D24-D30, Burke Property, 17248 Ronald Place (Now the parking lot for Top Foods)

Ecology records indicate it is unlikely residual soil contamination that might be present at this site would affect Project construction.

This property formerly included several tenant auto repair facilities including Highland Radiator Repair, Jim's Auto Repair, and Randy Repaints. All of those businesses are gone, and the site was recently cleared and paved for use as the parking lot for Top Foods.

The EDR report indicated the property was listed on the CSCSL database for a confirmed release to soil including petroleum, halogenated solvents, and metals. The EDR report also indicated Ecology received an Interim Remedial Action Report in 1993.

This parcel is on the northwest side of the current Top Foods store, roughly 100 feet from Aurora Avenue N. In 1993 a prospective buyer conducted a Phase II soil investigation focusing on stained soil and an oil-water separator operated by the tenants (Kleinfelder 1993). The Phase II investigation included surface soil sampling and soil borings down to 28 feet bgs. Surface soil (down to 4.5 feet bgs) was found to be contaminated by fuel hydrocarbons, metals, and perchloroethene at concentrations exceeding MTCA cleanup limits. No soil contamination was encountered at depths below 4.5 feet. Soil borings down to 28 feet did not detect groundwater. The consultant's 1993 report recommended reporting the confirmed contamination to Ecology, and that report apparently triggered the property's CSCSL database listing.

Ecology files did not include any reports confirming the cleanup of the 1993 soil contamination indicated by the EDR report. Ecology's ICR database indicates a 1993 Interim Cleanup Report was received by the agency, but no such report was found in Ecology's files. Presumably that report actually was submitted and documented a successful soil cleanup.

Even if the site remediation was incomplete, this site does not appear to pose a risk to Project construction. This property is on Ronald Place, which is more than 100 feet from Aurora Avenue N. The Project would not widen Aurora Avenue N enough to encroach on the contaminated parcel, so it is unlikely the Project would encounter contaminated soil. The owner's 1993 Phase II investigation showed no significant potential for groundwater originating from this site. Even if the site did contaminate groundwater, none of the Project's surface excavations are expected to be deep enough to encounter groundwater (clean or otherwise).

Recommendation

No further action.

Sites South-E-33-E-35, Highland Texaco, 17255 Aurora Avenue N (Now a Shell Gas Station)

Ecology records indicate this site does not appear to pose a risk to the Project.

The EDR report indicates this gas station is on the LUST database due to a reported release to soil. Ecology records indicate this site

was partially cleaned up in 2003 when three USTs were removed (GeoEngineers 2003). The UST excavation was dug to 17 feet bgs, and contaminated soil was shipped to an off-site landfill. Twenty-eight confirmatory samples were taken from the pit sidewalls. Most of the samples showed concentrations of fuel hydrocarbons less than MTCA cleanup limits. However, residual soil petroleum contamination exceeding MTCA limits was found along the pit sidewall adjacent to a building. Residual petroleum contamination along that sidewall was left in place, but only at depths exceeding 15 feet. In addition, some petroleum contamination was left in place close to the station's pump islands.

A nearby well showed the uppermost groundwater is 21 feet bgs. Based on that information the report concluded the residual soil contamination left in place under the building and under the fuel pumps posed no risk to groundwater. No attempts were made to install groundwater monitoring wells or to collect groundwater from nearby wells.

The Project would widen N 175th Street by one lane to add a new right-turn lane, and would widen Aurora Avenue N by only a few feet. These actions would not widen Aurora Avenue or 175th Street enough to encroach on the residual contaminated soil. Regardless of whether groundwater has been affected at this site, the shallow surface excavations required for Project construction are not expected to be deep enough to encounter groundwater, clean or otherwise.

Recommendation

No further action.

Sites South-N82-N83, First Interstate Property/ 60-Minute Tune, 16622 Aurora Avenue N (Now Honest Auto Service)

Ecology records indicate this gas station does not pose a significant risk to the Project, as the reported historical spill at this site has been cleaned up. A waste oil release to soil was discovered and cleaned up in 2002. No groundwater impacts were found. Contaminated soil was removed, and confirmatory soil analyses showed residual concentrations less than MTCA limits. Ecology issued a No Further Action letter in September 1991.

Recommendation

No further action.

Sites South-O86-O88, Former Bill Langeberg Chevron, 18425 Aurora Avenue N (Now a vacant, fenced lot)

Ecology records indicate this former gas station poses a potential risk to Project construction, and if the City acquired this site they could be liable for future groundwater remediation associated with contamination from former LUSTs at the site.

This property was used by former gas stations, the latest of which was apparently demolished in the 1990s. Currently the lot is vacant and fenced, and contains small piles of demolition debris. The locations of former USTs and pump islands were not apparent during site reconnaissance.

The EDR report shows that this former station is on Ecology's LUST database because it reported a release to soil in 1994. The station owner removed five fuel USTs, one waste oil UST, and the fuel pump island in 1994 (Pacific Environmental Group 1994). The UST excavations went to 15 feet bgs, with no sign of groundwater at that depth. A total of 25 confirmatory soil samples were taken from the pit floors, pit sidewalls, and from the excavations at the three pump island. The collected soil samples were analyzed for fuel hydrocarbons and lead.

Some of the sidewall and bottom samples at each of the three UST excavations (gasoline tanks, diesel tank, and waste oil tank) were found to contain residual petroleum hydrocarbon concentrations exceeding MTCA cleanup limits (Pacific Environmental Group 1994). As of 1994 residual soil contamination consisted of gasoline-range fuel hydrocarbons at concentrations up to 6,500 milligrams per kilogram (mg/kg), diesel-range fuel hydrocarbons at concentrations up to 2,400 mg/kg, and lead at concentrations up to 710 mg/kg. All of those maximum concentrations are well above MTCA cleanup standards. The highest concentrations of fuel hydrocarbons were at depths of 13 feet bgs, which indicates it is possible that contamination could have migrated vertically downward to groundwater. However, none of the soil at those sidewalls could be excavated further because doing so would have threatened either an adjacent road (185th Street) or an existing building.

The contaminated subsurface soil was therefore left in place and the excavations were backfilled. An interim cleanup report documenting the partial cleanup was then sent to Ecology. There is currently no sign of the 130 cubic yards of contaminated soil that was removed during UST excavation, so it is presumed the owner shipped the soil to an approved disposal site.

The UST excavations did not encounter groundwater at 15 feet bgs, and Ecology records do not include any reports demonstrating the owner has made any attempt to investigate potential groundwater impacts. In 2002 Ecology wrote a letter to the property owner, stating the agency believes the residual soil contamination poses a risk to groundwater, and inviting the owner to initiate site investigation and cleanup under Ecology's Voluntary Cleanup Program (Ecology 2002). Regardless of whether groundwater is contaminated at this site, construction activities for the Project would not be directly impacted. The shallow surface excavations required for Project construction are not expected to be deep enough to encounter groundwater, clean or otherwise, which is likely more than 15 feet bgs. However, if the City acquires this property they could become liable for future groundwater investigation and remediation.

Ecology files did not include any reports on how or when the former gas station was demolished, nor did they include any reports on whether the reported residual soil contamination in the former LUST excavations and the former pump islands was removed as part of the demolition.

All of the Build Alternatives would widen N 185th Street and/or Aurora Avenue enough to encroach into areas where the 1994 UST removal report indicated the presence of contaminated soil. All of the alternatives would widen N 185th Street by 12 to 15 feet to add a new right-turn lane, and doing so would encroach into former UST excavations where fuel-contaminated soil is apparently still present at depths of 2 to 15 feet bgs. Alternative C would widen Aurora Avenue enough to encroach into the locations of the former pump islands, where fuel-contaminated soil might still be present at depths of 2 to 4 feet bgs. The concentrations of residual fuel hydrocarbons in soil are low enough that unsuspecting workers would probably not be physically harmed if they came in contact with the soil during future site grading and construction. Regardless, the presence of known contaminated soil at this site would impede construction operations. The City will be responsible for segregating

contaminated soil encountered during construction, and shipping the contaminated soil to an approved disposal site.

Depending on the required depth for the roadway excavations, construction of the new roadway might encounter fuel-contaminated soil. It is unlikely roadway construction would encounter groundwater, clean or otherwise. Regardless, if the City acquires this site it could be liable for future groundwater investigations and remediation.

Mitigation measures related to this site are described in later sections of this report.

Recommendation

Either the current owner or the City should conduct a Phase II soil and groundwater investigation, and remediate identified fuel-contaminated soil and groundwater. Specific remediation measures are described later in Chapter 6, *Measures Taken to Avoid or Minimize Project Effects*.

Sites South-Q91-Q93, Conoco/Phillips Gas Station, 16510 Aurora Avenue N (Now an Exxon station)

This gas station does not appear to pose a risk to the Project.

The EDR report indicates this station is on Ecology's LUST database because a release of petroleum hydrocarbons to soil was reported in 1994. The LUST database indicates the site was "Awaiting Cleanup" as of 1995. Ecology's ICR database indicates the agency received Interim Cleanup Reports in 1994 and 2001.

Ecology files had no record of either of the Interim Cleanup Reports indicated by the EDR report. Therefore, the status of cleanup and the lateral extent of residual contamination (if any) is now undetermined. However, the LUST database indicates the release was limited to petroleum products into soil, rather than a release to groundwater. The lateral extent of soil contamination around a LUST release is generally limited and remediation for such releases is usually relatively simple, so presumably the Interim Cleanup Reports described by the EDR report described a successful remediation, or at least a partial cleanup followed by periodic monitoring.

Even if residual fuel hydrocarbons were left in place in soil within the LUST excavation, that soil contamination is not expected to affect Project construction. The UST area is on the north side of the property. Site inspection showed Aurora Avenue was recently widened along the southern half of the gas station as part of the ongoing Phase 1 construction project, and it is presumed the future Phase 2 widening along the northern half of the parcel would match the configuration of that recently completed southern portion. In that case, Aurora Avenue would not be widened enough to encroach into the UST area, so the Project is not expected to encounter contaminated soil.

Recommendation

No further action.

Historical Orphan Sites

Table 4 lists the historical orphan sites that were identified from EDR's review of Polk's historical telephone directories. As described below one of the historical dry cleaners (the former Mac-Ray dry cleaner at 18419 Aurora Avenue N) poses a potential risk to the Project.

Historical businesses represented by these orphan sites include gas stations, dry cleaners, or automobile repair shops, each of which is recognized to have considerable potential for hazardous material releases. However, all of those former businesses have ceased operation and have been replaced by other businesses. Ecology has no record of how (or if) site contamination was properly investigated and remediated. Jones & Stokes conducted reconnaissance for each historical orphan property listed in Table 4 and reviewed historical aerial photographs to assess how far the former business might have been from the current roadway.

Table 4. Historical Orphan Gas Stations, Dry Cleaners, and Automobile Repair Shops

EDR Site Number	Business Name and Address	Hazardous Material Description	Results of Site Reconnaissance	Recognized Environmental Concern Requiring Mitigation?
Northern Section of the Aurora Project				
North-B8	Aurora Village Standard	Was: Gas station in operation from 1969-1975	This site does not appear to pose a risk to the Project. The primary sources at gas stations are leaks from USTs and underground piping at pump islands. The locations of the USTs and pump islands are not readily apparent in 1965 and 1977 aerial photographs. The property is at the same elevation as the street. If it is assumed the USTs and pumps islands were more than 30 feet from the current sidewalk, then it is unlikely that historical soil contamination could have migrated into the proposed new ROW. Contaminated groundwater, if any, would be much deeper than any excavations expected for Project construction. Recommendation: No further action.	No
19925 Aurora Avenue N	19925 Aurora Avenue N	Now: Discount Tire Store.		
North-15	Highlander Cleaners	Was: Laundry facility operating at least from 1969-1975	This site does not appear to pose a risk to the Project. The existing structure on the property where the shop apparently operated is 30 feet from Firlands Way, and the Project will not require building demolition. The building is at the same elevation as the street. It is conceivable the operator of the former dry cleaner could have contaminated surface soil under and behind the building. However, the building will not be demolished, so there is little potential for the Project to encounter soil contamination. Cleaning solvents in contaminated groundwater, if any, would be much deeper than any excavations expected for Project construction. Recommendation: No further action.	No
18515 N Firlands Way	18515 N Firlands Way	Now: Prosser Piano and Organs		
Southern Section of the Aurora Project				
South-O85	Mac-Ray Inc.	Was: Dry cleaning business from at least 1969.	This site is unusually close to the existing roadway, appears to pose a reasonable risk to some of the Project alternatives. Primary sources at an old dry cleaner are minor leakage of solvents from the dry cleaning machines, and improper storage and disposal of solvent-laden rags and lint (likely in the back yard of the shop). The building where the dry cleaner apparently operated still exists, and is at the sidewalk. Alternative C will widen the ROW enough to require full or partial demolition of the building and shallow surface grading under the former shop location. Dry cleaning solvents are volatile, so it is uncertain whether residual soil contamination could remain today even if the former dry cleaner released considerable amounts into the soil. Cleaning solvents in contaminated groundwater, if any, would be much deeper than any excavations expected for Project construction. <u>Recommendation:</u> If the City selects an alternative that requires building demolition, then a Phase II soil investigation should be conducted before demolition begins.	Yes
18419 Aurora Avenue N	18419 Aurora Avenue N	Now: Empty commercial building at sidewalk adjacent to Aurora Ave.		

EDR Site Number	Business Name and Address	Hazardous Material Description	Results of Site Reconnaissance	Recognized Environmental Concern Requiring Mitigation?
Southern Section of the Aurora Project (continued)				
South-E37	Larry's Texaco Service 17212 Aurora Avenue N	Was: Gas station in operation from at least 1969-1975. Now: Horton's Canopies	This site does not appear to pose a risk to the Project. The primary sources at gas stations are leaks from USTs and underground piping at pump islands. The apparent pump islands are visible in 1965 and 1977 aerial photographs, and were roughly 60 feet from the sidewalk. The Project will not widen the road enough to encroach on the location of the former pump islands, so it is unlikely that historical soil contamination could have migrated into the proposed new ROW. Contaminated groundwater, if any, would be much deeper than any excavations expected for Project construction. Horton's Canopies reported a release of fuel hydrocarbons to soil. They later submitted a Final Independent Remedial Action Report to Ecology, so the spill to soil was presumably cleaned up. Recommendation: No further action.	No
South-F41	Phillips Automotive Service 17215 Aurora Avenue N	Was: Automobile repair shop from at least 1969-1981. Now: Carter Subaru	This site does not appear to pose a risk to the Project. Primary sources at an automobile shop would be leakage from waste oil tanks (likely inside the building or in the back yard of the shop) and illicit disposal of solvents and waste oil onto the ground (also likely in the back yard of the shop). The 1965 and 1977 aerial photographs show the former building where the shop apparently operated was set back roughly 20 feet from the existing curb. The Project would not widen the ROW far enough to encroach into the former back yard of the shop, so it is unlikely that historical soil contamination could have migrated into the proposed ROW. Contaminated groundwater, if any, would be much deeper than any excavations expected for Project construction. Recommendation: No further action.	No
South-F43	Jim's Dry Cleaner 17053 Aurora Avenue N	Was: Dry cleaning shop in 1969. Now: Chuck Olson Kia car dealer	This site does not appear to pose a risk to the Project. The former building where the shop apparently operated appears on the 1965 aerial photograph, which shows parking between the shop and Aurora Avenue. The estimated setback is at least 20 feet from the sidewalk. The parcel is at the same elevation as the street. It is conceivable the operator of the former dry cleaner could have contaminated surface soil under and behind the building. However, the Project will not widen the ROW enough to encroach into the former building location, so there is little potential for the Project to encounter soil contamination. Cleaning solvents in contaminated groundwater, if any, would be much deeper than any excavations expected for Project construction. Recommendation: No further action.	No

EDR Site Number	Business Name and Address	Hazardous Material Description	Results of Site Reconnaissance	Recognized Environmental Concern Requiring Mitigation?
Southern Section of the Aurora Project (continued)				
South-F44	Gerald Auto Rebuild	Was: Automobile repair shop from 1969-1981.	This site does not appear to pose a risk to the Project. Primary sources at an automobile shop would be leakage from waste oil tanks (likely inside the building or in the back yard of the shop) and illicit disposal of solvents and waste oil onto the ground (also likely in the back yard of the shop). The building where this shop apparently operated is still in place, with a setback roughly 40 feet from the existing curb. The Project would not widen the ROW far enough to encroach into the former back yard of the shop, so it is unlikely that historical soil contamination could have migrated into the proposed ROW. Contaminated groundwater, if any, would be much deeper than any excavations expected for Project construction. Recommendation: No further action.	No
	17038 Aurora Avenue N	Now: Sea-Tac Computers		
South-F50	Richmond Highland Laundromat	Was: Laundromat in business in 1969.	This site does not appear to pose a risk to the Project. The building that was apparently used by the shop still exists, with a setback 60 feet from the current sidewalk. The parcel is at the same elevation as the street. It is conceivable the operator of the former dry cleaner could have contaminated surface soil under and behind the building. However, the Project will not widen the ROW enough to encroach into the former building location, so there is little potential for the Project to encounter soil contamination. Cleaning solvents in contaminated groundwater, if any, would be much deeper than any excavations expected for Project construction. Recommendation: No further action.	No
	17012 Aurora Avenue N	Now: Action Autoparts store		
South-G52	Groveland Service	Was: Gas station in business in 1969.	This site does not appear to pose a risk to the Project. The primary sources at gas stations are leaks from USTs and underground piping at pump islands. The canopy at the apparent former gas station is visible in 1965 and 1977 aerial photographs, but the locations of the pump islands are not discernible. However, it is likely the pump islands were probably at least 30 feet from the curb to allow easy access for customers. The Project will not widen the road enough to encroach on the location of the former pump islands, so it is unlikely that historical soil contamination could have migrated into the proposed new ROW. Contaminated groundwater, if any, would be much deeper than any excavations expected for Project construction. Recommendation: No further action.	No
	17859 Aurora Avenue N	Now: Ronald Methodist Church		

EDR Site Number	Business Name and Address	Hazardous Material Description	Results of Site Reconnaissance	Recognized Environmental Concern Requiring Mitigation?
Southern Section of the Aurora Project (continued)				
South-H55	Highland Auto Repair	Was: Automobile repair shop from at least 1969.	This site does not appear to pose a risk to the Project. Primary sources at an automobile shop would be leakage from waste oil tanks (likely inside the building or in the back yard of the shop) and illicit disposal of solvents and waste oil onto the ground (also likely in the back yard of the shop). The parcel is currently a vacant lot. The building where this shop apparently operated is visible in 1965 and 1977 aerial photos, with a setback roughly 20 feet from the existing curb. The Project would not widen the ROW far enough to encroach into the back yard of the shop, so it is unlikely that historical soil contamination could have migrated into the proposed ROW. Contaminated groundwater, if any, would be much deeper than any excavations expected for Project construction. Recommendation: No further action.	No
16959 Aurora Avenue N	16959 Aurora Avenue N	Now: Vacant Lot		
South-H57	Joe's Foreign Car Service	Was: Automobile repair shop from at least 1969-1981.	This site does not appear to pose a risk to the Project. Primary sources at an automobile shop would be leakage from waste oil tanks (likely inside the building or in the back yard of the shop) and illicit disposal of solvents and waste oil onto the ground (also likely in the back yard of the shop). The parcel is currently a vacant lot. The building where this shop apparently operated is visible in 1965 and 1977 aerial photos, with a setback roughly 20 feet from the existing curb. The Project would not widen the ROW far enough to encroach into the back yard of the shop, so it is unlikely that historical soil contamination could have migrated into the proposed ROW. Contaminated groundwater, if any, would be much deeper than any excavations expected for Project construction. Recommendation: No further action.	No
16955 Aurora Avenue N	16955 Aurora Avenue N	Now: Vacant lot		
South-61	Seels Art Auto Servicing	Was: Automobile repair shop in 1969.	This site does not appear to pose a risk to the Project. Primary sources at an automobile shop would be leakage from waste oil tanks (likely inside the building or in the back yard of the shop) and illicit disposal of solvents and waste oil onto the ground (also likely in the back yard of the shop). The building and the auto storage yard where this shop apparently operated is visible in 1965 and 1977 aerial photos, with a setback roughly 20 feet from the existing curb. The Project would not widen the ROW far enough to encroach into the former building or the back yard of the shop, so it is unlikely that historical soil contamination could have migrated into the proposed ROW. Contaminated groundwater, if any, would be much deeper than any excavations expected for Project construction. Recommendation: No further action.	No
18213 Aurora Avenue N	18213 Aurora Avenue N	Now: Jack in the Box restaurant		

EDR Site Number	Business Name and Address	Hazardous Material Description	Results of Site Reconnaissance	Recognized Environmental Concern Requiring Mitigation?
Southern Section of the Aurora Project (continued)				
South-J63-J64	Ron's Cleaners	Was: Dry cleaning business from 1969-1981.	This site does not appear to pose a risk to the Project. The building that was apparently used by the shop still exists, with a setback 30 feet from the current sidewalk. The parcel is at the same elevation as the street. It is conceivable the operator of the former dry cleaner could have contaminated surface soil under and behind the building. However, the Project will not widen the ROW enough to encroach into the building, so there is little potential for the Project to encounter soil contamination. Cleaning solvents in contaminated groundwater, if any, would be much deeper than any excavations expected for Project construction. Recommendation: No further action.	No
	16737 Aurora Avenue N	Now: Tobacco Lane quick-mart		
South-K69	Denny's Gull Service Station	Was: Gas station from at least 1975-1981.	This site does not appear to pose a risk to the Project. The primary sources at gas stations are leaks from USTs and underground piping at pump islands. The canopy at the former gas station is visible in 1965 and 1977 aerial photographs, but the locations of the pump islands are not discernible. However, it is likely the pump islands were probably at least 30 feet from the curb to allow easy access for customers. The Project will not widen the road enough to encroach on the location of the former pump islands, so it is unlikely that historical soil contamination could have migrated into the proposed new ROW. Contaminated groundwater, if any, would be much deeper than any excavations expected for Project construction. Recommendation: No further action.	No
	18325 Aurora Avenue N	Now: Fred Meyer		
South-K78	Leslie's, Automotive	Was: Auto repair in operation from at least 1975.	This site does not appear to pose a risk to the Project. Primary sources at an automobile shop would be leakage from waste oil tanks (likely inside the building or in the back yard of the shop) and illicit disposal of solvents and waste oil onto the ground (also likely in the back yard of the shop). The building and the auto storage yard where this shop apparently operated is visible in 1965 and 1977 aerial photos, with a setback roughly 30 feet from the existing curb. The Project would not widen the ROW far enough to encroach into the former building or the back yard of the shop, so it is unlikely that historical soil contamination could have migrated into the proposed ROW. Contaminated groundwater, if any, would be much deeper than any excavations expected for Project construction. Recommendation: No further action.	No
	18326 Aurora Avenue N	Now: Strip mall with Starbucks and other stores		

The site reconnaissance also noted the relative elevations between the subject property and Aurora Avenue N, to assess the likelihood that historical spills might have migrated toward the roadway.

Historical releases from these facilities have the potential to impact construction of the Project by two mechanisms: surface soil contamination and groundwater contamination. The likelihood and impacts for each of those mechanisms are described below.

All of the historical sites had the potential to release fuels and cleaning solvents to the ground. For the former gas stations the primary sources would have been leaks from the USTs far below ground (which would impact deep soil and groundwater), and leaks from the shallow underground piping at the pump islands (which would impact shallow soil). For the former automobile shops the primary sources would be leaks from waste oil tanks (which could be above ground or below ground), and improper disposal of used oil and used solvents (e.g., discarding small amounts of waste liquid onto the ground in the back yard of the shop).

For the dry cleaners the primary sources would be leaks from indoor dry cleaning equipment and improper disposal of waste solvent and solvent-laden lint (e.g., storing lint or rags in piles on the ground rather than in a sealed drum). Fuels and cleaning solvents are not normally expected to migrate laterally more than a few feet from the spill location, although they can migrate downward into groundwater. Surface grading for the Project would encounter shallow soil contamination only if the grading is done close to the historical spill location.

Contaminated groundwater originating from the historical facilities would be unlikely to adversely affect the Project. However, it is conceivable (and perhaps likely) that some of the historical facilities could have released enough gasoline or cleaning solvents to contaminate groundwater. Gasoline and cleaning solvents could conceivably migrate as much as 100 feet or more from the original spill location, so it is possible that contaminated groundwater could have migrated under the Project's construction zones. However, the uppermost groundwater zone is believed to be at least 15 feet below ground surface, as discussed previously, and none of the excavations required to construct the Project are expected to be deep enough to encounter groundwater. Therefore, the presence of contaminated

groundwater at some of the historical gas stations and dry cleaners is unlikely to affect construction of the Project.

With the exception described below (site number South-O85), it is unlikely that the Project would be affected by soil or groundwater contamination from the historical facilities. Based on review of historical aerial photographs the gas stations and dry cleaning shops appeared to be sufficiently distant from Aurora Avenue N so that future roadway widening is unlikely to encounter surface soil contamination. Surface excavations described above required for Project construction are unlikely to encounter any groundwater, so contaminated groundwater (if any) originating from the historical sources is not expected to be a concern.

The exception to this general conclusion is Site South-O85, the former Mac-Ray dry cleaner at 18419 Aurora Avenue N. The building where that dry cleaner operated still exists, and is at the sidewalk adjacent to Aurora Avenue. Alternative C would require full or partial demolition of the building and surface grading for construction of the widened roadway and new sidewalks. If the Mac-Ray dry cleaner released cleaning solvents to surface soil under the building, then the Alternative C surface grading operations could encounter contaminated soil.

Sites Posing No Apparent Risk

Table 5 lists the identified sites that pose no apparent risk to the Project. These sites were grouped into this category because information from the EDR database search showed the property satisfied one of the following criteria:

- The site is listed on the regulatory databases only because it stores or handles hazardous materials, but the site has never reported a release.
- The site reported an historical release, but completion of site remediation has been reported to Ecology.

Table 5. Sites of No Apparent Concern

EDR Site Number	Business Name	Hazardous Material Description
Northern Section of the Aurora Project		
A5	E-Z Stop (Exxon Station) 19200 Aurora Avenue N	This facility reported a petroleum spill to soil. Ecology records indicate they received a Final Independent Remedial Action Report documenting completion of the site remediation.
B7	Burger King	This site has had one spill with a final Independent RA report completed for the site. Ecology issued a No Further Action letter.
C9	Shoreline Fire Department, 1016 N 175th Street	Station removed several USTs. LUST reported in 1992. Cleanup report submitted to Ecology in 2001.
21	Sky Garden Center	This site has one UST that is currently being closed in place, with no reported releases.
Southern Section of the Aurora Project		
A4	Walgreens	There was a spill here (possibly from the current, or prior fuel stations) that is in Independent Remedial Action, and has a Final Independent Remedial Action Report submitted.
13	Ken Easley's Oldsmobile Cadillac	This site is on the CSCSL list, and has submitted a voluntary interim cleanup report for soil contamination. In addition there are two removed UST's. Ecology issued a No Further Action letter.
E32	Aurora Rents Inc. 17244 Aurora Avenue N	3 USTs have been removed, and 1 small UST remains, with no reported releases. The UST is a 150-gallon heating oil tank. Such tanks are typically installed near the maintenance shop, which in this case is on the east side of the building farthest from Aurora Avenue. The City will acquire a narrow strip of land on the west side of the parcel and partially demolish the west sides of the existing buildings. It is unlikely these actions will encounter the remaining UST.
E38	Horton's Canopy	A soil spill above MTCA cleanup levels was reported at this site, and a Final Independent Remedial Action Report was received for the cleanup.
E39-E40	Carter Subaru	This dealership is a registered RCRA small quantity generator with no reported violations, and no spills. In addition, two UST's were removed with no reported releases.
F42	Former Firestone Dealer	Dealership removed UST. LUST reported to Ecology. Cleanup report submitted to Ecology 2002.

EDR Site Number	Business Name	Hazardous Material Description
Southern Section of the Aurora Project (continued)		
F47	Chuck Olson Chevrolet Inc.	This car dealership has had at least one spill to the soil with halogenated chemicals that affected a small area. Ecology has specified a deed restriction to prevent future owners from accidentally excavating the contaminated soil.
F48-F49	Underhill Furniture	This site has had a small spill in independent remedial action. A final Remedial Action Report was received by Ecology.
J66	Car-Fi Stereo	This site has found soil contamination of petroleum products from 1992. The business has submitted an interim cleanup report.
K67	Texaco Station	This site has had three medium UST's removed, with no reported releases.
J71-J72	Black Jack Café	This site has had two reported releases to soil in 1994 and 1995 that are currently in an interim cleanup report, as well as two removed UST's. Ecology received an Independent Remedial Action Cleanup Report.
J73	Club Hollywood Casino	This site is on the CSCSL List, and is performing independent Remedial Action. Ecology issued a No Further Action letter in 2002.
M80	Medical Dental Clinic	This site is in a voluntary cleanup for a soil contamination of petroleum products. Ecology has received an interim cleanup report.
O84	Leather Clean LTD	A prior leather cleaning shop in business from at least 1975, with no reported releases.
P89	Gateway Plaza, 18336 Midvale Avenue N	Gas station, removed 4 USTs. Ecology issued NFA in 2004 related to reported soil contamination
Q94-Q95	U Haul Co. of North Seattle	This site has a LUST, with cleanup started in 1993. Ecology received an Independent Cleanup Report in 1995. Four additional UST's were removed with no reported release.

Substantially Contaminated Sites

None of the identified sites fell into this category, because none of them exhibit contamination that would require the City to acquire property that contains unusually toxic compounds or would require the City to undertake costly or time-consuming site remediation.

Chapter 5. Potential Effects

This chapter describes potential hazardous material effects identified under the No Build and three Build Alternatives.

How will Project operation affect hazardous materials?

Traffic volumes along Aurora Avenue N will continue to increase under each of the three Build Alternatives and under the No Build Alternative. Greater traffic volumes will increase the potential for fuel spills caused by traffic accidents.

How will project construction be affected by contaminated soil or groundwater?

Project construction could be affected by one of the following impacts: by encountering known soil contamination at reported spill sites, by encountering unanticipated soil contamination at unreported historical sites, and by spills during construction. Each of those effects is described below.

Potential for Encountering Known Soil Contamination at Reported Spill Sites

Potential Effects Common to All Build Alternatives

As described Chapter 4, Affected Environment, contaminated soil and groundwater are known to exist at some of the sites evaluated for this road improvement project. Specific sites with reported or potential contamination include:

- Site South O86-O88, Bill Langeberg Chevron (all three Build Alternatives)
- Site South A5-A7, Former Tune N Lube and Former Joe's ARCO (all three Build Alternatives)
- Site South O85, Former Mac-Ray Dry Cleaner (Alternative C only)

The potential for contamination at each site is outlined in Table 3 and Table 4. There appears to be potential for the Project to encounter shallow soil contamination during surface grading and roadway construction at the reported hazardous material sites. As described previously, construction of the Project is not expected to encounter groundwater (either clean or contaminated), so any residual groundwater contamination from the reported sites would be unlikely to affect the Project. However, if the City acquired contaminated property without first defining the existing extent of contamination and obtaining indemnification from the current owner, then the City could be liable for future cleanup of those sites.

It is recommended that either the current owner or the City should conduct Phase II investigations at each of the above sites, and contaminated soil and groundwater should be remediated as appropriate in accordance with MTCA regulations. Specific mitigation measures for each site are described later in this report.

Additional Potential Effect under Alternative C

The exception to this general conclusion is Site South-O85, the former Mac-Ray dry cleaner at 18491 Aurora Avenue N. The building where that dry cleaner operated still exists at the sidewalk adjacent to Aurora Avenue. Alternative C would require full or partial demolition of the building and surface grading for

construction of the widened roadway and new sidewalks. If the Mac-Ray dry cleaner released cleaning solvents to surface soil under the building, then the Alternative C surface grading operations could encounter contaminated soil.

Site-specific recommendations for follow-up Phase II site investigations, remediation, and coordination with Ecology are presented in Chapter 6, Measures Taken to Avoid or Minimize Project Effects.

Potential for Encountering Unanticipated Soil Contamination at Unreported Spill Sites

Under any of the three Build Alternatives, the Project could potentially encounter unanticipated contaminated soil or contaminated perched shallow groundwater at any location along the road improvement project alignment, regardless of the findings for identified contaminated sites described in this discipline report. Unless properly managed by the construction contractor, such unanticipated contaminated materials could adversely impact the construction project.

To address this concern, all construction contractors retained by the City must abide by standard contractual conditions requiring the contractor to develop a hazardous materials contingency plan. The plan will provide standard operating procedures if workers encounter suspicious soil or groundwater conditions. Details on the required contingency plans are described in the Chapter 6 of this report.

Construction Spills

Under any of the three Build Alternatives, construction contractors will store and use a variety of materials that would cause problems if they were spilled (e.g., fuel, cleaning solvents, and paint). To address this concern, the City requires that its construction contractors abide by standard contractual conditions requiring them to maintain spill prevention control and countermeasures plans (SPCC plans) and response equipment as required by federal, state, and local regulations. Details on the required spill prevention plans are described in Chapter 6.

Asbestos and Lead-Based Paint in Structures to be Demolished

Any of the three Build Alternatives may require demolition of buildings or structures. Based on the age of those structures, it is possible they could have been constructed using asbestos-containing materials (ACM) or lead-based paint. Construction workers demolishing the structures could be exposed to airborne asbestos or lead unless those materials are removed from the structure before it is demolished.

Potential to Spread Contamination or Alter Contaminated Groundwater Migration Patterns

The Project's surface grading and roadway construction operations pose little potential to spread contamination. As described later in this report, Phase II soil investigations would be conducted in construction zones where there is reported contaminated soil. Any identified contaminated soil that would be disturbed by the upcoming construction project will be properly segregated and disposed of in accordance with MTCA regulations. The Project would not alter groundwater migration patterns for existing contaminated sites.

How will Project construction reduce hazardous materials concerns in the community?

As part of the Project, the City will identify and remediate portions of the soil contamination that is suspected to exist at the parcels it acquires. This will reduce the amount of contaminated soil that until now has been present in the community, and is considered a beneficial effect of the Project.

How would the No Build Alternative affect hazardous materials in the study area?

The No Build Alternative would not be affected by hazardous materials. No new roadway widening would be required, so no potential would exist to encounter contaminated soil at historical spill sites adjacent to the existing roadway.

Chapter 6. Measures Taken to Avoid or Minimize Project Effects

This chapter identifies mitigation measures intended to avoid or minimize the potential effects described in Chapter 5. An itemized summary of the recommended mitigation measures for each site is provided in Table 1 in Chapter 1 of this report.

What mitigation measures are proposed to avoid and/or minimize overall effects of the Project?

Recommendations for Further Phase I or Phase II Investigations

Recommended Phase I Investigations

None are recommended under Alternatives A, B, or C.

Recommended Phase II Investigations and Site Remediation

Alternatives A, B, and C

Phase II Investigation at Site South-086-088, Former Bill Langeberg Gas Station

A risk of encountering contaminated soil and groundwater exists at the former Bill Langeberg gas station. Ecology files indicated residual fuel contamination was left in place when the former LUSTs and fuel pump islands were decommissioned. Furthermore, Ecology has written a letter advising the current owner they feel the residual contamination poses a risk to groundwater, so if the City acquires the property that could be liable for future groundwater remediation because the City would have acquired the source of the groundwater contamination (i.e., the portions of the parcel once occupied by the LUSTs).

Either the current owner or the City should conduct a Phase II soil and groundwater investigation before the property is acquired. The Phase II soil investigation should focus on fuel hydrocarbons and lead within the uppermost 15 feet of soil. The Phase II groundwater investigation should focus on gasoline –range fuel compounds. Soil and groundwater contamination, if discovered, must be reported to Ecology and remediated using the range of administrative options available under MTCA. The site could be remediated as an Independent Cleanup Action with minimal Ecology oversight, or the remediation could be done under the Voluntary Cleanup Program with Ecology review.

If contaminated soil is discovered in locations that will be disturbed by the future construction project, then it should be removed by Hazardous Waste Operations, Planning, and Emergency Response (HAZWOPER)-certified contractors. Such remediation, if required, should be done by either the current owner or the City before soil excavation associated with the Project begins.

Contaminated soil discovered in areas that will not be disturbed by the roadway construction project must be reported to Ecology. For that type of soil contamination a range of potential soil remediation options is available under MTCA:

- Depending on the Phase II results, conduct an expanded Phase III Remedial Investigation and Feasibility Study (RI/FS) to define the extent of contamination and potential migration pathways.
- Remove all contaminated soil whose concentrations exceeds MTCA Method A or Method B cleanup standards.
- Negotiate with Ecology to develop site-specific soil cleanup standards, and remove all contaminated soil exceeding those negotiated limits.
- Leave contaminated soil in place, negotiate with Ecology to install an impermeable cap over the contaminated soil, and develop a deed restriction for the site.

If groundwater contamination is discovered, it must be reported to Ecology. After that, it could be remediated using a variety of methods according to the range of options available under MTCA::

- Periodically monitor groundwater wells installed for the Phase II investigation, to ensure that contaminated groundwater does not continue to migrate.
- Conduct pump-and-treat operations, with disposal of treated water to the city sewer system.
- Conduct soil vapor extraction or other in-situ treatment methods.

Phase II Investigation at Site South A5-A7, Former Joe's ARCO Gas Station

A risk of encountering contaminated soil and groundwater exists at the Joe's ARCO gas station. Ecology files did not include any record of how, or if, the former USTs and fuel pump islands were decommissioned and the site remediated after the station ceased operation. It is possible that the portions of the property to be acquired by the City contained LUSTs that could have contaminated groundwater. If that is the case, then the City could be liable for future groundwater remediation if it acquires the property.

Either the current owner or the City should conduct a Phase II soil and groundwater investigation before soil excavation begins. The Phase II investigation should focus on fuel hydrocarbons within the uppermost 15 feet of soil. If soil contamination is discovered in

portions of the site to be acquired by the City, then either the City or the current owner should consider conducting a Phase II groundwater investigation. Soil and groundwater contamination, if discovered, must be reported to Ecology and remediated using the range of administrative options available under MTCA. The site could be remediated as an Independent Cleanup Action with minimal Ecology oversight, or the remediation could be done under the Voluntary Cleanup Program with Ecology review.

If contaminated soil is discovered in locations that will be disturbed by the future construction project, then it should be removed by HAZWOPER-certified contractors. Such remediation, if required, should be done by either the current owner or the City before soil excavation associated with the Project begins.

Contaminated soil discovered in areas that will not be disturbed by the roadway construction project must be reported to Ecology. For that type of soil contamination a range of potential soil remediation options is available under MTCA:

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- Remove all contaminated soil whose concentrations exceeds MTCA Method A or Method B cleanup standards.
- Negotiate with Ecology to develop site-specific soil cleanup standards, and remove all contaminated soil exceeding those negotiated limits.
- Leave contaminated soil in place, negotiate with Ecology to install an impermeable cap over the contaminated soil, and develop a deed restriction for the site.

If groundwater contamination is discovered, it must be reported to Ecology. After that, it could be remediated using a variety of methods according to the range of options available under MTCA:

- Periodically monitor groundwater wells installed for the Phase II investigation, to ensure that contaminated groundwater does not continue to migrate.
- Conduct pump-and-treat operations, with disposal of treated water to the city sewer system.

- Conduct soil vapor extraction or other in-situ treatment methods.

Contingency Plan for Reported Soil Contamination at Site South A5-A7, Former Tune N Lube (Now Car City Used Cars)

The former Tune N Lube operator reported an unknown amount of kerosene contamination in soil related to two kerosene USTs removed in 1982. The recommended Phase II soil and groundwater investigation described previously for the former Joe's ARCO operations at this site might be able to define the location and extent of this reported contamination. Regardless of the results of that Phase II investigation, the City should alert its construction contractors about the reported soil contamination at the Tune N Lube site. The contractor should be required to implement a contingency plan to be aware of potential soil contamination, and to properly report, segregate, store, and dispose of any encountered contaminated soil in accordance with Ecology regulations.

Alternative C

Phase II Investigation at Site South-085, former Mac-Ray Dry Cleaner

A significant risk of encountering contaminated soil exists at the former Mac-Ray dry cleaner at 18419 Aurora Avenue N. The original building in which this dry cleaner operated still stands. The building would be fully or partially demolished under Alternative C. There is a reasonable potential for soil contamination by cleaning solvents to exist under that building.

If the City selects an alternative that requires building demolition and surface grading within the building footprint, then either the current owner or the City should conduct a Phase II soil investigation before building demolition begins. The Phase II investigation should focus on dry cleaning solvents (e.g., perchloroethene) within the uppermost 15 feet of soil. If identified soil contamination has the potential to impact groundwater, then the Phase II investigation should be expanded to include shallow groundwater.

If contaminated soil is discovered in locations that will be disturbed by the future construction project, then it should be removed by HAZWOPER-certified contractors. Such remediation, if required, should be done by either the current owner or the City before soil excavation associated with the Project begins.

Contaminated soil discovered in areas that will not be disturbed by the roadway construction project must be reported to Ecology. For that type of soil contamination a range of potential soil remediation options is available under MTCA:

- Depending on the Phase II results, conduct an expanded Phase III RI/FS to define the extent of contamination and potential migration pathways.
- Remove all contaminated soil whose concentrations exceeds MTCA Method A or Method B cleanup standards.
- Negotiate with Ecology to develop site-specific soil cleanup standards, and remove all contaminated soil exceeding those negotiated limits.
- Leave contaminated soil in place, negotiate with Ecology to install an impermeable cap over the contaminated soil, and develop a deed restriction for the site.

If groundwater contamination is discovered, it must be reported to Ecology. After that, it could be remediated using a variety of methods according to the range of options available under MTCA::

- Periodically monitor groundwater wells installed for the Phase II investigation, to ensure that contaminated groundwater does not continue to migrate.
- Conduct pump-and-treat operations, with disposal of treated water to the city sewer system.
- Conduct soil vapor extraction or other in-situ treatment methods.

Estimated Costs of Phase II Soil Investigation

A Phase II soil investigation at a single parcel could cost between \$10,000 and \$50,000. Costs to excavate contaminated soil could range from \$50 to \$100 per cubic yard.

Asbestos and Lead-Based Paint Abatement at Structures to Be Demolished

Under all three Build Alternatives, all structures to be partially or fully demolished should be tested for asbestos-containing material and lead-based paint. All identified asbestos and lead-based paint must be abated in accordance with federal and state regulations before the buildings are demolished. All work to survey the buildings and abate asbestos must be conducted by Asbestos Hazard Emergency Response Act (AHERA) certified staff.

Mitigation Measures Affecting Right-of-Way Acquisition Decisions

Some of the identified contaminated sites indicated by this study appear to pose some risk to the City as a result of the need to acquire property for the Project. Mitigation options related to right-of-way acquisition are described below.

Sites to Be Avoided Altogether

None of the identified contaminated sites to be acquired by the City exhibit historical contamination that warrants a parcel being “avoided altogether.” All of the parcels to be acquired are vital to the Project, and none of the costs to remediate identified site contamination issues would be high enough to warrant re-designing the Project to avoid any of the sites.

Measures to Reduce Regulatory Liability

This report has identified contaminated soil at the following sites where the City plans to acquire property:

- Site South O86-O88, Bill Langeberg Chevron
- Site South A5-A7, Tune N Lube (Now Car City Used Cars)
- Site South O85, Former Mac-Ray Dry Cleaner

Prior to acquiring any portion of those parcels, the City should attempt to develop contractual agreements with the current owner to indemnify the City against future liability related to the pre-existing contamination identified in this report. Mechanisms to indemnify the

City could include regulatory provisions under MTCA (e.g., Ecology's Prospective Purchaser Agreement Program), or other contractual procedures available under real estate law.

Mitigation for Construction Effects

Mitigation described for construction impacts apply to all three Build Alternatives.

Best Management Practices to Prevent Spills during Construction

Construction of the Project will require an NPDES Construction Stormwater Permit from Ecology. Standard provisions of that permit will require the contractor to implement a Stormwater Pollution Prevention Plan (SWPPP). The SWPPP must include a spill prevention plan and must include best management practices for storing and using fuels and other chemicals, as prescribed by Ecology's Stormwater Management Manual for Western Washington. In addition, Ecology regulations now require the construction contractor to conduct weekly stormwater inspections by a certified inspector, and to conduct weekly stormwater quality monitoring to demonstrate the efficacy of stormwater control systems. If properly implemented according to regulations, the SWPPP will minimize the potential for erosion, sedimentation, or fuel spills during construction.

Contaminated Material Contingency Plan for Construction Contractors

Few of the reported historical hazardous material sites described in this report pose a significant risk to construction of the Project. The possibility still exists, however, that construction of public works projects in an urban area may encounter unreported spills or unreported underground fuel tanks. Therefore, the construction bids issued by the City should disclose this potential risk. The construction bid packages issued by the City should notify all bidders of the potential for finding contaminated soil and groundwater along the corridor. The City should include the following provisions in its construction contract to address the potential for potential historical contamination:

- The construction bids issued by the City should show the locations of each of the historical gas stations and dry cleaners listed in Table 3 and shown on Figures 6a through 6d.
- The contractor should provide hazardous materials awareness training to train all grading and excavation crews on how to identify any suspected contaminated soil or groundwater, and how to alert supervisors in the event of suspected contaminated material. Methods to identify potential contaminated soil would include stained soil, odors, oily sheen, or the presence of debris.
- The contractor should be required to implement a contingency plan to identify, segregate, and dispose of hazardous waste in full accordance with the MTCA. All remediation work must be conducted by HAZWOPER-trained staff.
- The contractor should implement management practices to minimize the potential for a release to soil, groundwater, or surface water during construction.

Cleanup Options for Unforeseen Contaminated Soil and Groundwater

It is always possible that contaminated soil or contaminated perched groundwater could be encountered during construction. In the unlikely event that occurs under any of the three Build Alternatives, the contamination can be remediated using the following conventional methods.

Shallow Soil Contamination

In the unlikely event that contaminated soil is encountered during roadway construction, the following conventional remediation methods may be used: excavation and temporary stockpiling of suspected contaminated soil, sampling and chemical sampling of stockpiled soil, shipment of contaminated soil to an approved off-site landfill.

Groundwater Extracted during Construction

In the unlikely event that contaminated perched groundwater is encountered during roadway construction, the following conventional remediation methods may be used: temporary storage

of extracted groundwater in portable tanks, chemical characterization, off-site disposal, disposal to sanitary or storm sewers following agency approval.

Mitigation for Operational Spill Prevention and Spill Response

Under the three Build Alternatives and the No Build Alternative, the City's accountability for responding to reported spills from vehicles traveling along Aurora Avenue N will continue. The City of Shoreline Fire Department is one of the Hazmat-trained responders who are contacted in the event of a 9-1-1 emergency message originating from the Project corridor. The 9-1-1 system, including its rapid-response, Hazmat-trained crews, will continue to minimize the potential for unavoidable vehicle-related spills to migrate into surface water, soil, or groundwater.

Are there any unavoidable adverse effects caused by hazardous materials?

There would be no unavoidable significant adverse effects related to hazardous materials. The mitigation measures described previously will minimize the potential for future impacts during construction and operation.

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Appendix A

EDR Reports



EDR® Environmental
Data Resources Inc

The EDR Radius Map™ Report

**Shoreline Aurora Ave 195th St
Aurora Ave N and N 175th St.
Shoreline, WA 98133**

Inquiry Number: 1818306.2s

January 02, 2007

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

TARGET PROPERTY INFORMATION

ADDRESS

AURORA AVE N AND N 175TH ST.
SHORELINE, WA 98133

COORDINATES

Latitude (North): 47.770500 - 47° 46' 13.8"
Longitude (West): 122.345900 - 122° 20' 45.2"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 549010.4
UTM Y (Meters): 5290781.0
Elevation: 428 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 47122-G3 EDMONDS EAST, WA
Most Recent Revision: 1981

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 search radius around the target property for the following databases:

FEDERAL RECORDS

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
Delisted NPL..... National Priority List Deletions
NPL RECOVERY..... Federal Superfund Liens
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRA-TSDF..... Resource Conservation and Recovery Act Information
RCRA-LQG..... Resource Conservation and Recovery Act Information

EXECUTIVE SUMMARY

ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

HSL	Hazardous Sites List
SWF/LF	Solid Waste Facility Database
SWTIRE	Solid Waste Tire Facilities
LUST	Leaking Underground Storage Tanks Site List
AST	Aboveground Storage Tank Locations
SPILLS	Reported Spills
INST CONTROL	Institutional Control Site List
ICR	Independent Cleanup Reports
DRYCLEANERS	Drycleaner List
BROWNFIELDS	Brownfields Sites Listing
CDL	Clandestine Drug Lab Contaminated Site List
NPDES	Water Quality Permit System Data
EMI	Washington Emissions Data System
Inactive Drycleaners	Inactive Drycleaners

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

FEDERAL RECORDS

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 6 RCRA-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>SEATTLE PUBLIC UTILITIES RICHM</i>	<i>FREMONT AVE N & N 195TH</i>	<i>1/4 - 1/2 W</i>	<i>C9</i>	<i>13</i>
<i>CRISTA MINISTRIES INC</i>	<i>19303 FREMONT AVE N</i>	<i>1/4 - 1/2 WSW</i>	<i>11</i>	<i>15</i>
<i>ENVIROTECH SYSTEMS INC TRANSFE</i>	<i>18820 AURORA AVE N</i>	<i>1/4 - 1/2 S</i>	<i>D13</i>	<i>19</i>
<i>ENVIROTECH SYSTEMS INC</i>	<i>18820 AURORA AVE N 201</i>	<i>1/4 - 1/2 S</i>	<i>D14</i>	<i>20</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>MAACO AUTO PAINTING & BODY WOR</i>	<i>19217 AURORA AVE N</i>	<i>1/8 - 1/4 S</i>	<i>A4</i>	<i>8</i>
<i>CONOCOPHILLIPS 30114</i>	<i>20409 AURORA AVE N</i>	<i>1/4 - 1/2 N</i>	<i>E16</i>	<i>21</i>

STATE AND LOCAL RECORDS

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

A review of the CSCSL list, as provided by EDR, and dated 11/08/2006 has revealed that there are 6 CSCSL sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>RICHMOND HIGHLANDS TANK</i>	<i>N195TH ST / FREMONT A</i>	<i>1/4 - 1/2 W</i>	<i>C10</i>	<i>13</i>
<i>CHEVRON 94511</i>	<i>617 NW RICHMOND BEACH R</i>	<i>1/2 - 1 WSW</i>	<i>22</i>	<i>28</i>

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HOLIDAY RESORT SITE FORMER EZ STOP	19222-19260 AURORA AVE 19200 AURORA AVE N	1/8 - 1/4 S 1/8 - 1/4 S	A3 A6	6 11
BP SERVICE STATION 03149 HOLYROOD CEMETERY	20409 AURORA AVE N 205 NE 205TH	1/4 - 1/2 N 1/2 - 1 ENE	E18 23	23 32

CSCSL NFA: The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead a No Further Action code is entered based upon the type of NFA determination the site received.

A review of the CSCSL NFA list, as provided by EDR, and dated 11/08/2006 has revealed that there is 1 CSCSL NFA site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BURGER KING	19905 AURORA AVE N	1/8 - 1/4 N	B7	12

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

A review of the UST list, as provided by EDR, and dated 09/07/2006 has revealed that there are 6 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>
CRISTA MINISTRIES INC	19303 FREMONT AVE N	1/4 - 1/2 WSW	11	15
ORLO INC.-ORLO FULLER PRES.	18820 AURORA AVE N	1/4 - 1/2 S	D12	19
RICHMOND BEACH CENTRAL OFFICE	18517 LINDEN AVE	1/4 - 1/2 SSW	20	27
SKY GARDEN CENTER INC	18528 AURORA AVENUE NOR	1/4 - 1/2 S	21	28
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
E-Z STOP	19200 AURORA AVE N	1/8 - 1/4 S	A5	10
CONOCOPHILLIPS COMPANY-2603149	20409 N AURORA AVE	1/4 - 1/2 N	E19	25

MANIFEST: Hazardous waste manifest information.

A review of the WA MANIFEST list, as provided by EDR, and dated 12/31/2004 has revealed that there are 3 WA MANIFEST 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>
CRISTA MINISTRIES INC	19303 FREMONT AVE N	1/4 - 1/2 WSW	11	15
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MAACO AUTO PAINTING & BODY WOR	19217 AURORA AVE N	1/8 - 1/4 S	A4	8
CONOCOPHILLIPS 30114	20409 AURORA AVE N	1/4 - 1/2 N	E16	21

EXECUTIVE SUMMARY

VCP: Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

A review of the VCP list, as provided by EDR, and dated 11/08/2006 has revealed that there are 3 VCP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BURGER KING	19905 AURORA AVE N	1/8 - 1/4N	B7	12
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HOLIDAY RESORT SITE FORMER	19222-19260 AURORA AVE	1/8 - 1/4S	A2	6
EZ STOP	19200 AURORA AVE N	1/8 - 1/4S	A6	11

EDR PROPRIETARY RECORDS

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

A review of the EDR Historical Auto Stations list, as provided by EDR, has revealed that there are 3 EDR Historical Auto Stations 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>
GILBERT S AUTO SERVICE	19342 N FIRLANDS WAY	1/8 - 1/4SW	1	6
AURORA VILLAGE STANDARD	19925 AURORA AVE	1/8 - 1/4N	B8	13
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
AURORA VILLAGE EXXON	20409 AURORA AVE	1/4 - 1/2N	E17	23

EDR Historical Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

A review of the EDR Historical Cleaners list, as provided by EDR, has revealed that there is 1 EDR Historical Cleaners site within approximately 0.5 miles of the target property.

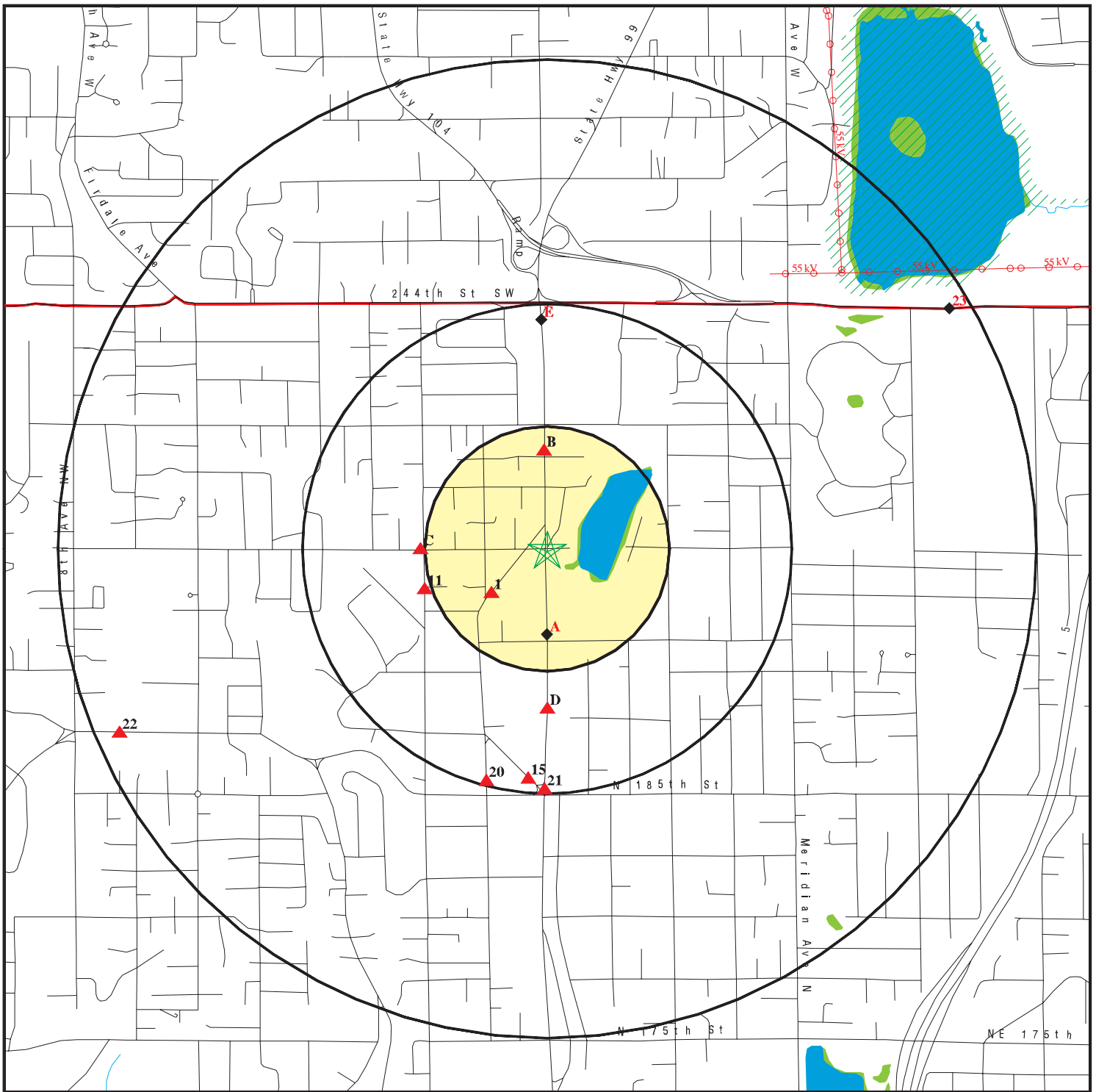
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HIGHLANDER CLEANERS	18515 N FIRLANDS WAY	1/4 - 1/2S	15	21

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
CROSS PROPERTY FORMER	CSCSL
BALLINGER CLEANERS	CSCSL
KING CO - HALLER LK LDFL	CERC-NFRAP
MCMICKEN HEIGHTS	SWF/LF
RENTON JUNCTION (MONSTER ROAD)	SWF/LF
BOW LAKE ABANDONED LANDFILL	SWF/LF
CORLISS ABANDONED LANDFILL	SWF/LF
PUYALLUP/KIT CORNER ABANDONED LANDFILL	SWF/LF
WASTE MOBILE COLLECTIONS	SWF/LF
TOLT BACKWASH SOLIDS LANDFILL	SWF/LF
AUBURN (M & R STREET SITE)	SWF/LF
AUBURN (ROTARY PARK SITE)	SWF/LF
BOW LAKE	SWF/LF
CARTON & BORTH	SWF/LF
CORLISS LANDFILL	SWF/LF
EASTGATE ABANDONED LANDFILL	SWF/LF
ENUMCLAW	SWF/LF
FACTORIA PIT (SUNSET RAVINE PARK)	SWF/LF
H.H. OLESON	SWF/LF
HOUGHTON	SWF/LF
KENT ABANDONED LANDFILL (MILL CREEK CANYON PARK)	SWF/LF
NORTH BEND	SWF/LF
PACIFIC CITY	SWF/LF
PUYALLUP/KIT CORNER	SWF/LF
REDONDO PIT	SWF/LF
RENTON HIGHLANDS	SWF/LF
SKYKOMISH	SWF/LF
SUNSET PARK	SWF/LF
TUKWILA	SWF/LF
VASHON ISLAND	SWF/LF
HOUGHTON ABANDONED LANDFILL	SWF/LF
FALL CITY ABANDONED LANDFILL	SWF/LF
CITY OF SHORELINE PROJECT / CONTRACTOR	SPILLS
CITY OF SHORELINE	SPILLS
CITY OF SHORELINE	SPILLS
FOY RESIDENTIAL PROPERTIES	FINDS, VCP
RICHMOND HIGHLANDS WATER TANK	ICR
FOY RESIDENTIAL PROPERTIES	CSCSL NFA
WSDOT I-5 175TH ST TO 205TH ST	NPDES

OVERVIEW MAP - 1818306.2s



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

■ National Priority List Sites

■ Landfill Sites

■ Dept. Defense Sites

■ Indian Reservations BIA

— County Boundary

— Power transmission lines

— Oil & Gas pipelines

■ 100-year flood zone

■ 500-year flood zone

■ National Wetland Inventory

0 1/4 1/2 1 Miles

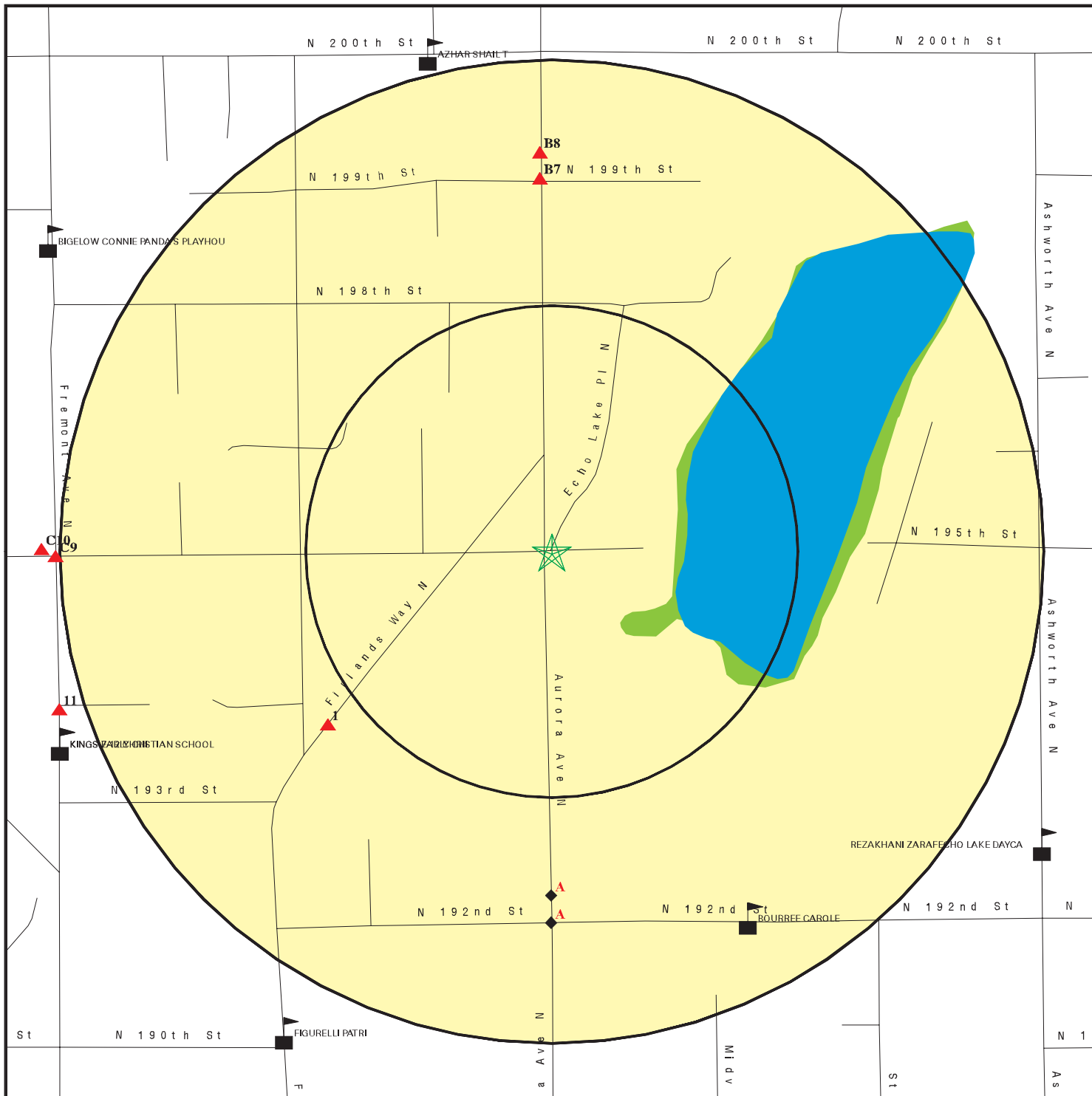


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Shoreline Aurora Ave 195th St
 ADDRESS: Aurora Ave N and N 175th St.
 Shoreline WA 98133
 LAT/LONG: 47.7705 / 122.3459

CLIENT: Jones & Stokes
 CONTACT: Evan Nelson
 INQUIRY #: 1818306.2s
 DATE: January 02, 2007 6:00 pm

DETAIL MAP - 1818306.2s



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

- Indian Reservations BIA
 - ▲ Oil & Gas pipelines
 - ▨ 100-year flood zone
 - ▨ 500-year flood zone
 - National Wetland Inventory
- 0 1/16 1/8 1/4 Miles
-

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

SITE NAME: Shoreline Aurora Ave 195th St
 ADDRESS: Aurora Ave N and N 175th St.
 Shoreline WA 98133
 LAT/LONG: 47.7705 / 122.3459

CLIENT: Jones & Stokes
 CONTACT: Evan Nelson
 INQUIRY #: 1818306.2s
 DATE: January 02, 2007 6:01 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY	TP		NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.500	0	0	0	NR	NR	0
RCRA Sm. Quan. Gen.		0.500	0	1	5	NR	NR	6
ERNS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
MINES		0.500	0	0	0	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
CSCSL		1.000	0	2	2	2	NR	6
HSL		1.000	0	0	0	0	NR	0
CSCSL NFA		0.500	0	1	0	NR	NR	1
State Landfill		0.500	0	0	0	NR	NR	0
SWTIRE		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
UST		0.500	0	1	5	NR	NR	6
AST		0.500	0	0	0	NR	NR	0
MANIFEST		0.500	0	1	2	NR	NR	3
SPILLS	TP		NR	NR	NR	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	3	0	NR	NR	3
ICR		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.500	0	0	0	NR	NR	0

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
BROWNFIELDS		0.500	0	0	0	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
WA Emissions	TP		NR	NR	NR	NR	NR	0
Inactive Drycleaners		0.500	0	0	0	NR	NR	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.500	0	0	0	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.500	0	2	1	NR	NR	3
EDR Historical Cleaners		0.500	0	0	1	NR	NR	1

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

1
SW
1/8-1/4
757 ft.

GILBERT S AUTO SERVICE
19342 N FIRLANDS WAY
SEATTLE, WA

EDR Historical Auto Stations

1009614725
N/A

Relative:
Higher

EDR Historical Auto Stations:

Name: GILBERT S AUTO SERVICE
 Year: 1981
 Type: Automobile Repairing

Actual:
460 ft.

A2
South
1/8-1/4
923 ft.

HOLIDAY RESORT SITE FORMER
19222-19260 AURORA AVE N
SHORELINE, WA 98133

VCP S108163217
N/A

Site 1 of 5 in cluster A

Relative:
Lower

VCP:

Facility ID: 7710674
 Ecology Status: Independent Remedial Action
 WARM BIN #: Not reported
 NFA Code: Not reported
 Program Plan: 4

Actual:
412 ft.

Facility ID: 7710674
 Ecology Status: Independent Remedial Action
 WARM BIN #: Not reported
 NFA Code: Not reported
 Program Plan: 4

A3
South
1/8-1/4
923 ft.

HOLIDAY RESORT SITE FORMER
19222-19260 AURORA AVE N
SHORELINE, WA 98133

CSCSL S108163260
N/A

Site 2 of 5 in cluster A

Relative:
Lower

CSCSL:

Facility ID: 7710674
 warm_bin_n: Not reported
 Prog plan code: 4
 Latitude: 47.768611
 Longitude: -122.344722
 Lat/Long: 47.768611 / -122.344722
 Lat/Long (dms): 47 46 6.9995999999997602 / 122 20 40.999200000015897
 Media ID: 12713
 Media Type Desc: Soil
 Media Status Desc: Confirmed
 Affected Media: Soil
 Affected Media Status: C
 Pesticides: Not reported
 Petroleum Products: Confirmed above MTCA cleanup levels
 Phenolic Compounds: Not reported
 Reactive Wastes: Not reported
 Corrosive Wastes: Not reported
 Radioactive Wastes: Not reported
 Asbestos: Not reported
 Responsible Unit: Northwest Region
 Arsenic Code: Not reported
 MTBE Code: Not reported

Actual:
412 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HOLIDAY RESORT SITE FORMER (Continued)

S108163260

UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Not reported
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		Not reported
EPA Priority Pollutants - Metals and Cyanide:		Not reported
Metals - Other non-priority pollutant medals:		Not reported
Polychlorinated biPhenyls (PCBs):		Not reported
Polynuclear Aromatic Hydrocarbons (PAH):		Not reported
Conventional Contaminants, Organic:		Not reported
Conventional Contaminants, Inorganic:		Not reported
Tibutyl Tin Contaminant Group:		Not reported
Bioassay/Benthic Failures Contaminant Group:		Not reported
Wood Debris Contaminant Group:		Not reported
Other Deleterious Substance Group:		Not reported
Ecology Site Status (MTCA cleanup process):	Independent Remedial Action	
Independent Site Status (independent cleanup):	Final Independent Remedial Action Report received	
Facility ID:	7710674	
warm_bin_n:	Not reported	
Prog plan code:	4	
Latitude:	47.768611	
Longitude:	-122.344722	
Lat/Long:	47.768611 / -122.344722	
Lat/Long (dms):	47 46 6.999599999997602 / 122 20 40.999200000015897	
Media ID:	12712	
Media Type Desc:	Groundwater	
Media Status Desc:	Suspected	
Affected Media:	Ground Water	
Affected Media Status:	S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site	
Pesticides:	Not reported	
Petroleum Products:	Suspected to be present	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Not reported
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		Not reported
EPA Priority Pollutants - Metals and Cyanide:		Not reported
Metals - Other non-priority pollutant medals:		Not reported
Polychlorinated biPhenyls (PCBs):		Not reported
Polynuclear Aromatic Hydrocarbons (PAH):		Not reported
Conventional Contaminants, Organic:		Not reported
Conventional Contaminants, Inorganic:		Not reported
Tibutyl Tin Contaminant Group:		Not reported
Bioassay/Benthic Failures Contaminant Group:		Not reported
Wood Debris Contaminant Group:		Not reported
Other Deleterious Substance Group:		Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HOLIDAY RESORT SITE FORMER (Continued)

S108163260

Ecology Site Status (MTCA cleanup process): Independent Remedial Action
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

**A4
 South
 1/8-1/4
 942 ft.**

**MAACO AUTO PAINTING & BODY WORKS CENTERS
 19217 AURORA AVE N
 SEATTLE, WA 98133**

**RCRA-SQG 1000175271
 FINDS WAD980986525
 WA MANIFEST**

Site 3 of 5 in cluster A

**Relative:
 Lower**

RCRAInfo:
 Owner: MAACO AUTO PAINTING & BODY WORKS
 (206) 546-9322
 EPA ID: WAD980986525
 Contact: Not reported
 Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

**Actual:
 412 ft.**

FINDS:
 Other Pertinent Environmental Activity Identified at Site

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

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

WA MANIFEST:

Facility Site ID Number: 84227372
 Permit by Rule: False
 Treatment by Generator: False
 Mixed radioactive waste: False
 Importer of hazardous waste: False
 Immediate recycler: False
 Treatment/Storage/Disposal/Recycling Facility: False
 Generator of dangerous fuel waste: False
 Generator marketing to burner: False
 "Other marketers (i.e., blender, distributor, etc.)": False
 Utility boiler burner: False
 Industry boiler burner: False
 Industrial Furnace: False
 Smelter deferral: False
 Universal waste - batteries - generate: False
 Universal waste - thermostats - generate: False

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MAACO AUTO PAINTING & BODY WORKS CENTERS (Continued)

1000175271

Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
EPA ID: WAD980986525
Facility Address 2: Not reported
TAX REG NBR: 601292117
NAICS CD: 811121
BUSINESS TYPE: Not reported
MAIL NAME: Maaco Auto Painting Bodyworks
MAIL ADDR LINE1: 19217 AURORA AVE N
MAIL CITY,ST,ZIP: SEATTLE, WA 98133-3930
MAIL COUNTRY: UNITED STATES
LEGAL ORG NAME: Maaco Auto Painting & Body Works
LEGAL ORG TYPE: Private
LEGAL ADDR LINE1: 28039 177TH AVE SE
LEGAL CITY,ST,ZIP: KENT, WA 98042
LEGAL COUNTRY: UNITED STATES
LEGAL PHONE NBR: 2065469322
LEGAL EFFECTIVE DATE: 05/02/96
LAND ORG NAME: Not reported
LAND ORG TYPE: Private
LAND PERSON NAME: Mark Adams
LAND ADDR LINE1: 19557 27th Ave NW
LAND CITY,ST,ZIP: SEATTLE, WA 98133
LAND COUNTRY: UNITED STATES
LAND PHONE NBR: (206)533-6020
OPERATOR ORG NAME: Not reported
OPERATOR ORG TYPE: Private
OPERATOR ADDR LINE1: 19217 AURORA AVE N
OPERATOR CITY,ST,ZIP: SEATTLE, WA 98133
OPERATOR COUNTRY: UNITED STATES
OPERATOR PHONE NBR: 206546-9322
OPERATOR EFFECTIVE DATE: / /
SITE CONTACT NAME: Marci White
SITE CONTACT ADDR LINE1: 19217 AURORA AVE N
SITE CONTACT ZIP: SEATTLE, WA 98133
SITE CONTACT COUNTRY: UNITED STATES
SITE CONTACT PHONE NBR: 206546-9322
SITE CONTACT EMAIL: Not reported
FORM CONTACT NAME: Marci White
FORM CONTACT ADDR LINE1: 28039 177th Ave SE
FORM CONTACT CITY,ST,ZIP: KENT, WA 98042
FORM CONTACT COUNTRY: UNITED STATES
FORM CONTACT PHONE NBR: (206)546-9322
FORM CONTACT EMAIL: Not reported
GEN STATUS CD: MQG
MONTHLY GENERATION: True
BATCH GENERATION: False
ONE TIME GENERATION: False
TRANSPORTS OWN WASTE: False

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MAACO AUTO PAINTING & BODY WORKS CENTERS (Continued)

1000175271

TRANSPORTS OTHRS WASTE: False
 RECYCLER ONSITE: False
 TRANSFER FACILITY: False
 OTHER EXEMPTION: Not reported
 UW BATTERY GEN: False
 USED OIL TRANSPORTER: False
 USED OIL TRANSFER FACILITY: False
 USED OIL PROCESSOR: False
 USED OIL REREFINER: False
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: False
 USED OIL FUEL MRKTR MEETS SPECS: False

A5
South
1/8-1/4
996 ft.

E-Z STOP
19200 AURORA AVE N
SHORELINE, WA 98133

UST U001128071
N/A

Site 4 of 5 in cluster A

Relative:
Lower

UST:

Actual:
413 ft.

Facility ID: 42796786
 Site ID: 100829
Status: Operational
 Tank Name: 1
 Install Date: 1/1/1971 00:00:00
 Capacity: 10,000 to 19,999 Gallons
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: North Western
 Tank ID: 16893
 Compartment ID: 17139
 Decimal Latitude: 47.768208999999999
 Decimal Longitude: -122.34699999999999

Facility ID: 42796786
 Site ID: 100829
Status: Operational
 Tank Name: 2
 Install Date: 1/1/1971 00:00:00
 Capacity: 10,000 to 19,999 Gallons
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: North Western
 Tank ID: 16587
 Compartment ID: 16831
 Decimal Latitude: 47.768208999999999
 Decimal Longitude: -122.34699999999999

Facility ID: 42796786
 Site ID: 100829
Status: Operational
 Tank Name: 3
 Install Date: 1/1/1971 00:00:00
 Capacity: 2,001 to 4,999 Gallons
 Compartment #: 1
 Substance: Leaded Gasoline
 Ecology Region: North Western
 Tank ID: 16765
 Compartment ID: 17010

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

E-Z STOP (Continued)

EDR ID Number
 EPA ID Number

U001128071

Decimal Latitude: 47.76820899999999
 Decimal Longitude: -122.34699999999999

**A6
 South
 1/8-1/4
 996 ft.**

**EZ STOP
 19200 AURORA AVE N
 SHORELINE, WA 98133**

**CSCSL 1007070946
 FINDS 110015475608
 VCP**

Site 5 of 5 in cluster A

**Relative:
 Lower**

CSCSL:

**Actual:
 413 ft.**

Facility ID: 42796786
 warm_bin_n: Not reported
 Prog plan code: 4
 Latitude: 47.76820899999999
 Longitude: -122.34699999999999
 Lat/Long: 47.76820899999999 / -122.34699999999999
 Lat/Long (dms): 47 46 5.549999999999998 / 122 20 49.200000000000003
 Media ID: 12719
 Media Type Desc: Soil
 Media Status Desc: Confirmed
 Affected Media: Soil
 Affected Media Status: C
 Pesticides: Not reported
 Petroleum Products: Confirmed above MTCA cleanup levels
 Phenolic Compounds: Not reported
 Reactive Wastes: Not reported
 Corrosive Wastes: Not reported
 Radioactive Wastes: Not reported
 Asbestos: Not reported
 Responsible Unit: Northwest Region
 Arsenic Code: Not reported
 MTBE Code: Not reported
 UXO Code: Not reported
 Dioxin: Not reported
 Non-Halogenated Solvents: Not reported
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Not reported
 EPA Priority Pollutants - Metals and Cyanide: Not reported
 Metals - Other non-priority pollutant medals: Not reported
 Polychlorinated biPhenyls (PCBs): Not reported
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported
 Conventional Contaminants, Organic: Not reported
 Conventional Contaminants, Inorganic: Not reported
 Tributyl Tin Contaminant Group: Not reported
 Bioassay/Benthic Failures Contaminant Group: Not reported
 Wood Debris Contaminant Group: Not reported
 Other Deleterious Substance Group: Not reported
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

FINDS:

Other Pertinent Environmental Activity Identified at Site

WA-DOEFSIS (Washington - Department Of Ecology Facility / Site Identification System) is the Department of Ecology's Facility/Site identification system that provides a means to query and display data maintained by the Department of Ecology. This system contains key information for each facility/site that is

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

EZ STOP (Continued)

EDR ID Number
 EPA ID Number

1007070946

currently, or has been, of interest to the departments Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

VCP:

Facility ID: 42796786
 Ecology Status: Independent Remedial Action
 WARM BIN #: Not reported
 NFA Code: Not reported
 Program Plan: 4

B7
North
1/8-1/4
1003 ft.

BURGER KING
19905 AURORA AVE N
SHORELINE, WA 98133

FINDS 1008225355
CSCSL NFA 110021000897
VCP

Site 1 of 2 in cluster B

Relative:
Higher

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Actual:
444 ft.

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

CSCSL NFA:

Facility/Site Id: 2957795
 Ecology Status: Independent Remedial Action
 Program Plan Code: 4
 Independent Status Code: Final Independant RA Report received
 WARM Bin Number: Not reported
 NFA Code: NFA after Assesment IRAP or VCP
 NFA Date: 5/3/2006 00:00:00
 Latitude: 47.773371
 Longitude: -122.346203

VCP:

Facility ID: 2957795
 Ecology Status: Independent Remedial Action
 WARM BIN #: Not reported
 NFA Code: NFA after assessment, IRAP, or VCP
 Program Plan: 4

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

B8
North
1/8-1/4
1073 ft.

AURORA VILLAGE STANDARD
19925 AURORA AVE
SEATTLE, WA

EDR Historical Auto Stations

1009614767
N/A

Site 2 of 2 in cluster B

Relative:
Higher

EDR Historical Auto Stations:

Actual:
444 ft.

Name: STANDARD STATION NO 2488
 Year: 1969
 Type: Gasoline Stations

Name: AURORA VILLAGE STANDARD
 Year: 1975
 Type: Gasoline Stations

C9
West
1/4-1/2
1330 ft.

SEATTLE PUBLIC UTILITIES RICHMOND HIGHLA
FREMONT AVE N & N 195TH ST SW
SEATTLE, WA 98133

RCRA-SQG
FINDS

1000838958
WAD988517769

Site 1 of 2 in cluster C

Relative:
Higher

RCRAInfo:

Actual:
514 ft.

Owner: SEATTLE PUBLIC UTILITIES
 (206)233-5172

EPA ID: WAD988517769

Contact: Not reported

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

C10
West
1/4-1/2
1367 ft.

RICHMOND HIGHLANDS TANK
N195TH ST / FREMONT AV N
SEATTLE, WA 98133

CSCSL

S102363937
N/A

Site 2 of 2 in cluster C

Relative:
Higher

CSCSL:

Actual:
514 ft.

Facility ID: 2496
 warm_bin_n: Not reported
 Prog plan code: Not reported
 Latitude: 47.770479999999999
 Longitude: -122.34555
 Lat/Long: 47.770479999999999 / -122.34555
 Lat/Long (dms): 47 46 13.73 / 122 20 43.980000000000004

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RICHMOND HIGHLANDS TANK (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S102363937

Media ID:	3681	
Media Type Desc:	Soil	
Media Status Desc:	Confirmed	
Affected Media:	Soil	
Affected Media Status:	C	
Pesticides:	Not reported	
Petroleum Products:	Not reported	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:	Not reported	
Base/Neutral/Acid Organics:	Not reported	
Halogenated Organic Compounds:	Not reported	
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels	
Metals - Other non-priority pollutant medals:	Confirmed above MTCA cleanup levels	
Polychlorinated biPhenyls (PCBs):	Not reported	
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported	
Conventional Contaminants, Organic:	Not reported	
Conventional Contaminants, Inorganic:	Not reported	
Tibutyl Tin Contaminant Group:	Not reported	
Bioassay/Benthic Failures Contaminant Group:	Not reported	
Wood Debris Contaminant Group:	Not reported	
Other Deleterious Substance Group:	Not reported	
Ecology Site Status (MTCA cleanup process):	Independent Remedial Action	
Independent Site Status (independent cleanup):	Release report received, awaiting assessment by Potentially Liable Person (PLP)	
Facility ID:	2496	
warm_bin_n:	Not reported	
Prog plan code:	Not reported	
Latitude:	47.770479999999999	
Longitude:	-122.34555	
Lat/Long:	47.770479999999999 / -122.34555	
Lat/Long (dms):	47 46 13.73 / 122 20 43.980000000000004	
Media ID:	3682	
Media Type Desc:	Air	
Media Status Desc:	Suspected	
Affected Media:	Air	
Affected Media Status:	S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site	
Pesticides:	Not reported	
Petroleum Products:	Not reported	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RICHMOND HIGHLANDS TANK (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S102363937

UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Not reported
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		Not reported
EPA Priority Pollutants - Metals and Cyanide:		Suspected to be present
Metals - Other non-priority pollutant medals:		Suspected to be present
Polychlorinated biPhenyls (PCBs):		Not reported
Polynuclear Aromatic Hydrocarbons (PAH):		Not reported
Conventional Contaminants, Organic:		Not reported
Conventional Contaminants, Inorganic:		Not reported
Tibutyl Tin Contaminant Group:		Not reported
Bioassay/Benthic Failures Contaminant Group:		Not reported
Wood Debris Contaminant Group:		Not reported
Other Deleterious Substance Group:		Not reported
Ecology Site Status (MTCA cleanup process):		Independent Remedial Action
Independent Site Status (independent cleanup):	Release report received, awaiting assessment by Potentially Liable Person (PLP)	

11
WSW
1/4-1/2
1386 ft.

CRISTA MINISTRIES INC
19303 FREMONT AVE N
SEATTLE, WA 98133

RCRA-SQG **1000993073**
FINDS **WAR000001024**
UST
WA MANIFEST

Relative:
Higher

RCRAInfo:
 Owner: CRISTA MINISTRIES INC
 206546-7220

Actual:
513 ft.

EPA ID: WAR000001024

Contact: Not reported

Classification: Small Quantity Generator
 TSD Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

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

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Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CRISTA MINISTRIES INC (Continued)

1000993073

UST:

Facility ID: 65783229
Site ID: 978
Status: Operational
Tank Name: TRANS1
Install Date: 6/27/1994 00:00:00
Capacity: 5,000 to 9,999 Gallons
Compartment #: 1
Substance: Unleaded Gasoline
Ecology Region: North Western
Tank ID: 463774
Compartment ID: 463775
Decimal Latitude: 47.768528000000003
Decimal Longitude: -122.35427799999999

Facility ID: 65783229
Site ID: 978
Status: Removed
Tank Name: TANK 1
Install Date: 7/1/1967 00:00:00
Capacity: 1,101 to 2,000 Gallons
Compartment #: 1
Substance: Leaded Gasoline
Ecology Region: North Western
Tank ID: 4639
Compartment ID: 4733
Decimal Latitude: 47.768528000000003
Decimal Longitude: -122.35427799999999

Facility ID: 65783229
Site ID: 978
Status: Removed
Tank Name: OIL/GAS
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Compartment #: 1
Substance: Leaded Gasoline
Ecology Region: North Western
Tank ID: 458263
Compartment ID: 458264
Decimal Latitude: 47.768528000000003
Decimal Longitude: -122.35427799999999

Facility ID: 65783229
Site ID: 978
Status: Operational
Tank Name: TRANS1
Install Date: 6/27/1994 00:00:00
Capacity: 5,000 to 9,999 Gallons
Compartment #: 2
Substance: Diesel
Ecology Region: North Western
Tank ID: 463774
Compartment ID: 463781
Decimal Latitude: 47.768528000000003
Decimal Longitude: -122.35427799999999

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CRISTA MINISTRIES INC (Continued)

1000993073

Facility ID: 65783229
 Site ID: 978
Status: Removed
 Tank Name: TANK 2
 Install Date: 7/1/1964 00:00:00
 Capacity: 111 TO 1,100 Gallons
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: North Western
 Tank ID: 4484
 Compartment ID: 4574
 Decimal Latitude: 47.768528000000003
 Decimal Longitude: -122.35427799999999

WA MANIFEST:

Facility Site ID Number: 65783229
 Permit by Rule: False
 Treatment by Generator: False
 Mixed radioactive waste: False
 Importer of hazardous waste: False
 Immediate recycler: False
 Treatment/Storage/Disposal/Recycling Facility: False
 Generator of dangerous fuel waste: False
 Generator marketing to burner: False
 "Other marketers (i.e., blender, distributor, etc.)": False
 Utility boiler burner: False
 Industry boiler burner: False
 Industrial Furnace: False
 Smelter deferral: False
 Universal waste - batteries - generate: False
 Universal waste - thermostats - generate: False
 Universal waste - mercury - generate: False
 Universal waste - lamps - generate: False
 Universal waste - batteries - accumulate: False
 Universal waste - thermostats - accumulate: False
 Universal waste - mercury - accumulate: False
 Universal waste - lamps - accumulate: False
 Destination Facility for Universal Waste: False
 Off-specification used oil burner - utility boiler: False
 Off-specification used oil burner - industrial boiler: False
 Off-specification used oil burner - industrial furnace: False
 EPA ID: WAR000001024
 Facility Address 2: Not reported
 TAX REG NBR: 178091422
 NAICS CD: 62311
 BUSINESS TYPE: Not reported
 MAIL NAME: CRISTA Ministries Inc
 MAIL ADDR LINE1: 19303 FREMONT AVE N
 MAIL ADDR LINE2: MS 88
 MAIL CITY,ST,ZIP: SEATTLE, WA 98133-3800
 MAIL COUNTRY: UNITED STATES
 LEGAL ORG NAME: CRISTA Ministries Inc
 LEGAL ORG TYPE: Private
 LEGAL ADDR LINE1: 19303 FREMONT AVE N
 LEGAL ADDR LINE2: MS 88
 LEGAL CITY,ST,ZIP: SEATTLE, WA 98133-3800
 LEGAL COUNTRY: UNITED STATES

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CRISTA MINISTRIES INC (Continued)

1000993073

LEGAL PHONE NBR: 206546-7220
LEGAL EFFECTIVE DATE: 05/03/96
LAND ORG NAME: CRISTA Ministries Inc
LAND ORG TYPE: Private
LAND PERSON NAME: Not reported
LAND ADDR LINE1: 19303 FREMONT AVE N
LAND ADDR LINE2: MS 88
LAND CITY,ST,ZIP: SEATTLE, WA 98133-3800
LAND COUNTRY: UNITED STATES
LAND PHONE NBR: 206-546-7220
OPERATOR ORG NAME: CRISTA Ministries Inc
OPERATOR ORG TYPE: Private
OPERATOR ADDR LINE1: 19303 FREMONT AVE N
OPERATOR ADDR LINE2: MS 88
OPERATOR CITY,ST,ZIP: SEATTLE, WA 98133-3800
OPERATOR COUNTRY: UNITED STATES
OPERATOR PHONE NBR: (206)546-7220
OPERATOR EFFECTIVE DATE: 03/18/97
SITE CONTACT NAME: Mark Maynard
SITE CONTACT ADDR LINE1: 19303 FREMONT AVE N
SITE CONTACT ADDR LINE2: MS 88
SITE CONTACT ZIP: SEATTLE, WA 98133-3800
SITE CONTACT COUNTRY: UNITED STATES
SITE CONTACT PHONE NBR: 206546-7220
SITE CONTACT EMAIL: mmayhard@crista.net
FORM CONTACT NAME: Tor Teschner
FORM CONTACT ADDR LINE1: 19303 FREMONT AVE N
FORM CONTACT ADDR LINE2: MS 88
FORM CONTACT CITY,ST,ZIP: SEATTLE, WA 98133-3800
FORM CONTACT COUNTRY: UNITED STATES
FORM CONTACT PHONE NBR: 206546-7244
FORM CONTACT EMAIL: tteschner@crista.net
GEN STATUS CD: XQG
MONTHLY GENERATION: False
BATCH GENERATION: False
ONE TIME GENERATION: False
TRANSPORTS OWN WASTE: False
TRANSPORTS OTHRS WASTE: False
RECYCLER ONSITE: False
TRANSFER FACILITY: False
OTHER EXEMPTION: Not reported
UW BATTERY GEN: False
USED OIL TRANSPORTER: False
USED OIL TRANSFER FACILITY: False
USED OIL PROCESSOR: False
USED OIL REREFINER: False
USED OIL FUEL MRKTR DIRECTS SHPMNTS: False
USED OIL FUEL MRKTR MEETS SPECS: False

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

D12
South
1/4-1/2
1711 ft.

ORLO INC.-ORLO FULLER PRES.
18820 AURORA AVE N
SEATTLE, WA 98133

UST **U001126938**
 N/A

Site 1 of 3 in cluster D

Relative:
Higher

UST:

Actual:
439 ft.

Facility ID: 17566361
 Site ID: 11764
Status: Removed
 Tank Name: #1
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 TO 1,100 Gallons
 Compartment #: 1
 Substance: Leaded Gasoline
 Ecology Region: North Western
 Tank ID: 9353
 Compartment ID: 9508
 Decimal Latitude: 47.76529
 Decimal Longitude: -122.3458

Facility ID: 17566361
 Site ID: 11764
Status: Removed
 Tank Name: #2
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 TO 1,100 Gallons
 Compartment #: 1
 Substance: Not reported
 Ecology Region: North Western
 Tank ID: 9492
 Compartment ID: 9648
 Decimal Latitude: 47.76529
 Decimal Longitude: -122.3458

D13
South
1/4-1/2
1711 ft.

ENVIROTECH SYSTEMS INC TRANSFER FACILITY
18820 AURORA AVE N
SEATTLE, WA 98133

RCRA-SQG **1004794903**
FINDS **WAH000011916**

Site 2 of 3 in cluster D

Relative:
Higher

RCRAInfo:

Actual:
439 ft.

Owner: ENVIROTECH SYSTEMS INC
 (206)363-9000
 EPA ID: WAH000011916
 Contact: Not reported
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

ENVIROTECH SYSTEMS INC TRANSFER FACILITY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1004794903

under RCRA.

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

D14
South
1/4-1/2
1711 ft.

ENVIROTECH SYSTEMS INC
18820 AURORA AVE N 201
SHORELINE, WA 98133

PADS 1000842704
RCRA-SQG WAD981765969
FINDS

Site 3 of 3 in cluster D

Relative:
Higher

RCRAInfo:

Actual:
439 ft.

Owner: ENVIROTECH SYSTEMS INC
 (206)363-9000
 EPA ID: WAD981765969
 Contact: Not reported
 Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

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MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

15
South
1/4-1/2
2474 ft.

HIGHLANDER CLEANERS
18515 N FIRLANDS WAY
SEATTLE, WA

EDR Historical Cleaners

1009612842
N/A

Relative:
Higher

Actual:
471 ft.

EDR Historical Cleaners:

Name: HIGHLANDER CLEANERS
 Year: 1969
 Type: Cleaners And Dyers

Name: HIGHLANDER SELP SERVICE LAUNDRY
 Year: 1969
 Type: Laundries Self Serve

Name: HIGHLANDER CLEANERS
 Year: 1975
 Type: Cleaners And Dyers

E16
North
1/4-1/2
2476 ft.

CONOCOPHILLIPS 30114
20409 AURORA AVE N
SEATTLE, WA 98133

RCRA-SQG
FINDS
WA MANIFEST

1000659202
WAD988488698

Site 1 of 4 in cluster E

Relative:
Lower

Actual:
420 ft.

RCRAInfo:

Owner: GUY STANDARD
 (206) 442-7378
 EPA ID: WAD988488698

Contact: Not reported

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

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

WA MANIFEST:

Facility Site ID Number: 36559851
 Permit by Rule: False
 Treatment by Generator: False

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CONOCOPHILLIPS 30114 (Continued)

1000659202

Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
"Other marketers (i.e., blender, distributor, etc.)": False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
EPA ID: WAD988488698
Facility Address 2: Not reported
TAX REG NBR: 600115909
NAICS CD: 44711
BUSINESS TYPE: Not reported
MAIL NAME: ConocoPhillips Company
MAIL ADDR LINE1: 600 North Dairy Ashford
MAIL CITY,ST,ZIP: Houston, TX 77079
MAIL COUNTRY: UNITED STATES
LEGAL ORG NAME: ConocoPhillips Company
LEGAL ORG TYPE: Private
LEGAL ADDR LINE1: 600 North Dairy Ashford
LEGAL CITY,ST,ZIP: Houston, TX 77079
LEGAL COUNTRY: UNITED STATES
LEGAL PHONE NBR: 281-293-1000
LEGAL EFFECTIVE DATE: 12/31/03
LAND ORG NAME: ConocoPhillips Company
LAND ORG TYPE: Private
LAND PERSON NAME: Not reported
LAND ADDR LINE1: 600 North Dairy Ashford
LAND CITY,ST,ZIP: Houston, TX 77079
LAND COUNTRY: UNITED STATES
LAND PHONE NBR: 281-293-1000
OPERATOR ORG NAME: Not reported
OPERATOR ORG TYPE: Private
OPERATOR ADDR LINE1: 20409 Aurora Ave N
OPERATOR CITY,ST,ZIP: Seattle, WA 98133
OPERATOR COUNTRY: UNITED STATES
OPERATOR PHONE NBR: 206-542-1250
OPERATOR EFFECTIVE DATE: 03/18/97
SITE CONTACT NAME: Irene Jimenez
SITE CONTACT ADDR LINE1: 1380 San Pablo Ave
SITE CONTACT ZIP: Rodeo, CA 94572
SITE CONTACT COUNTRY: UNITED STATES

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CONOCOPHILLIPS 30114 (Continued)

1000659202

SITE CONTACT PHONE NBR: 510-245-5176
 SITE CONTACT EMAIL: Irene.I.Jimenez@ConocoPhillips.com
 FORM CONTACT NAME: Dee Santarose
 FORM CONTACT ADDR LINE1: 600 North Dairy Ashford
 FORM CONTACT CITY,ST,ZIP: Houston, TX 77079
 FORM CONTACT COUNTRY: UNITED STATES
 FORM CONTACT PHONE NBR: 281-293-1684
 FORM CONTACT EMAIL: Marina.A.Tishkova@conocophillips.com
 GEN STATUS CD: XQG
 MONTHLY GENERATION: True
 BATCH GENERATION: False
 ONE TIME GENERATION: False
 TRANSPORTS OWN WASTE: False
 TRANSPORTS OTHRS WASTE: False
 RECYCLER ONSITE: False
 TRANSFER FACILITY: False
 OTHER EXEMPTION: Not reported
 UW BATTERY GEN: False
 USED OIL TRANSPORTER: False
 USED OIL TRANSFER FACILITY: False
 USED OIL PROCESSOR: False
 USED OIL REREFINER: False
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: False
 USED OIL FUEL MRKTR MEETS SPECS: False

E17
 North
 1/4-1/2
 2476 ft.

AURORA VILLAGE EXXON
 20409 AURORA AVE
 SEATTLE, WA

EDR Historical Auto Stations 1009614834
 N/A

Site 2 of 4 in cluster E

Relative:
 Lower

EDR Historical Auto Stations:
 Name: AURORA VILLAGE EXXON
 Year: 1981
 Type: Gasoline Stations

Actual:
 420 ft.

E18
 North
 1/4-1/2
 2476 ft.

BP SERVICE STATION 03149
 20409 AURORA AVE N
 SEATTLE, WA 98133

CSCSL S105465662
 N/A

Site 3 of 4 in cluster E

Relative:
 Lower

CSCSL:
 Facility ID: 36559851
 warm_bin_n: Not reported
 Prog plan code: Not reported
 Latitude: 47.776809
 Longitude: -122.347421
 Lat/Long: 47.776809 / -122.347421
 Lat/Long (dms): 47 46 36.509999999999998 / 122 20 50.710000000000001
 Media ID: 10642
 Media Type Desc: Groundwater
 Media Status Desc: Suspected
 Affected Media: Ground Water
 Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be

Actual:
 420 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

BP SERVICE STATION 03149 (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S105465662

present at the site	
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Responsible Unit:	Northwest Region
Arsenic Code:	Not reported
MTBE Code:	Not reported
UXO Code:	Not reported
Dioxin:	Not reported
Non-Halogenated Solvents:	Not reported
Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported
Tibutyl Tin Contaminant Group:	Not reported
Bioassay/Benthic Failures Contaminant Group:	Not reported
Wood Debris Contaminant Group:	Not reported
Other Deleterious Substance Group:	Not reported
Ecology Site Status (MTCA cleanup process):	Awaiting Site Hazard Assessment (SHA)
Independent Site Status (independent cleanup):	Not reported
Facility ID:	36559851
warm_bin_n:	Not reported
Prog plan code:	Not reported
Latitude:	47.776809
Longitude:	-122.347421
Lat/Long:	47.776809 / -122.347421
Lat/Long (dms):	47 46 36.509999999999998 / 122 20 50.710000000000001
Media ID:	10643
Media Type Desc:	Soil
Media Status Desc:	Suspected
Affected Media:	Soil
Affected Media Status:	S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Responsible Unit:	Northwest Region
Arsenic Code:	Not reported
MTBE Code:	Not reported
UXO Code:	Not reported
Dioxin:	Not reported
Non-Halogenated Solvents:	Not reported
Base/Neutral/Acid Organics:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BP SERVICE STATION 03149 (Continued)

S105465662

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

E19
 North
 1/4-1/2
 2476 ft.

CONOCOPHILLIPS COMPANY-2603149
20409 N AURORA AVE
SEATTLE, WA 98133

UST U000801578
N/A

Site 4 of 4 in cluster E

Relative:
Lower

UST:
 Facility ID: 36559851
 Site ID: 9569
Status: Operational
 Tank Name: 1A
 Install Date: 1/1/1988 00:00:00
 Capacity: 10,000 to 19,999 Gallons
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: North Western
 Tank ID: 598199
 Compartment ID: 591863
 Decimal Latitude: 47.776809
 Decimal Longitude: -122.347421

Actual:
420 ft.

Facility ID: 36559851
 Site ID: 9569
Status: Removed
 Tank Name: 1
 Install Date: 1/1/1970 00:00:00
 Capacity: 10,000 to 19,999 Gallons
 Compartment #: 1
 Substance: Leaded Gasoline
 Ecology Region: North Western
 Tank ID: 2065
 Compartment ID: 2109
 Decimal Latitude: 47.776809
 Decimal Longitude: -122.347421

Facility ID: 36559851
 Site ID: 9569
Status: Removed
 Tank Name: 2
 Install Date: 1/1/1970 00:00:00
 Capacity: 10,000 to 19,999 Gallons
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CONOCOPHILLIPS COMPANY-2603149 (Continued)

U000801578

Tank ID: 2128
Compartment ID: 2172
Decimal Latitude: 47.776809
Decimal Longitude: -122.347421

Facility ID: 36559851
Site ID: 9569
Status: Operational
Tank Name: 4D
Install Date: 1/1/1988 00:00:00
Capacity: 111 TO 1,100 Gallons
Compartment #: 1
Substance: Used Oil/Waste Oil
Ecology Region: North Western
Tank ID: 598202
Compartment ID: 591867
Decimal Latitude: 47.776809
Decimal Longitude: -122.347421

Facility ID: 36559851
Site ID: 9569
Status: Operational
Tank Name: 2B
Install Date: 1/1/1988 00:00:00
Capacity: 10,000 to 19,999 Gallons
Compartment #: 1
Substance: Unleaded Gasoline
Ecology Region: North Western
Tank ID: 598200
Compartment ID: 591864
Decimal Latitude: 47.776809
Decimal Longitude: -122.347421

Facility ID: 36559851
Site ID: 9569
Status: Operational
Tank Name: 3C
Install Date: 1/1/1988 00:00:00
Capacity: 10,000 to 19,999 Gallons
Compartment #: 1
Substance: Unleaded Gasoline
Ecology Region: North Western
Tank ID: 598201
Compartment ID: 591865
Decimal Latitude: 47.776809
Decimal Longitude: -122.347421

Facility ID: 36559851
Site ID: 9569
Status: Removed
Tank Name: 4
Install Date: 1/1/1970 00:00:00
Capacity: 111 TO 1,100 Gallons
Compartment #: 1
Substance: Used Oil/Waste Oil
Ecology Region: North Western
Tank ID: 2098

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CONOCOPHILLIPS COMPANY-2603149 (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000801578

Compartment ID: 2142
Decimal Latitude: 47.776809
Decimal Longitude: -122.347421

Facility ID: 36559851
Site ID: 9569
Status: Removed
Tank Name: 3
Install Date: 1/1/1970 00:00:00
Capacity: 10,000 to 19,999 Gallons
Compartment #: 1
Substance: Unleaded Gasoline
Ecology Region: North Western
Tank ID: 2007
Compartment ID: 2051
Decimal Latitude: 47.776809
Decimal Longitude: -122.347421

20
SSW
1/4-1/2
2575 ft.

RICHMOND BEACH CENTRAL OFFICE (2150-B0)
18517 LINDEN AVE
RICHMOND BEACH, WA 98133

UST U003025820
N/A

Relative:
Higher

UST:

Actual:
487 ft.

Facility ID: 6712112
Site ID: 12296
Status: Removed
Tank Name: 2150-B02-1
Install Date: 12/1/1984 00:00:00
Capacity: Not reported
Compartment #: 1
Substance: Not reported
Ecology Region: North Western
Tank ID: 2539
Compartment ID: 2585
Decimal Latitude: 47.763168999999998
Decimal Longitude: -122.349990000000001

Facility ID: 6712112
Site ID: 12296
Status: Closed in Place
Tank Name: 2150-B02-2
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Compartment #: 1
Substance: Not reported
Ecology Region: North Western
Tank ID: 2415
Compartment ID: 2460
Decimal Latitude: 47.763168999999998
Decimal Longitude: -122.349990000000001

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

21
South
1/4-1/2
2582 ft.

SKY GARDEN CENTER INC
18528 AURORA AVENUE NORTH
SEATTLE, WA 98133

UST **U003027412**
 N/A

Relative:
Higher

UST:

Facility ID: 1216644
 Site ID: 5587
Status: Closure in Process
 Tank Name: #1
 Install Date: 12/31/1964 00:00:00
 Capacity: 2,001 to 4,999 Gallons
 Compartment #: 1
 Substance: Kerosene
 Ecology Region: North Western
 Tank ID: 16626
 Compartment ID: 16870
 Decimal Latitude: 47.7632490000000002
 Decimal Longitude: -122.34724

Actual:
467 ft.

22
WSW
1/2-1
5016 ft.

CHEVRON 94511
617 NW RICHMOND BEACH RD
SEATTLE, WA 98177

RCRA-SQG **1001819765**
CSCSL **WAD988490850**
FINDS
VCP
WA MANIFEST

Relative:
Higher

RCRAInfo:

Owner: JOHN GLANVILLE
 (206)546-3930
 EPA ID: WAD988490850
 Contact: Not reported
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Actual:
435 ft.

CSCSL:

Facility ID: 14293218
 warm_bin_n: Not reported
 Prog plan code: 4
 Latitude: 47.7649990000000003
 Longitude: -122.365911
 Lat/Long: 47.7649990000000003 / -122.365911
 Lat/Long (dms): 47 45 53.990000000000002 / 122 21 57.280000000000001
 Media ID: 12114
 Media Type Desc: Groundwater
 Media Status Desc: Suspected
 Affected Media: Ground Water
 Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
 Pesticides: Not reported
 Petroleum Products: Suspected to be present
 Phenolic Compounds: Not reported
 Reactive Wastes: Not reported
 Corrosive Wastes: Not reported
 Radioactive Wastes: Not reported
 Asbestos: Not reported
 Responsible Unit: Northwest Region

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHEVRON 94511 (Continued)

1001819765

Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Not reported
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		Not reported
EPA Priority Pollutants - Metals and Cyanide:		Not reported
Metals - Other non-priority pollutant medals:		Not reported
Polychlorinated biPhenyls (PCBs):		Not reported
Polynuclear Aromatic Hydrocarbons (PAH):		Not reported
Conventional Contaminants, Organic:		Not reported
Conventional Contaminants, Inorganic:		Not reported
Tibutyl Tin Contaminant Group:		Not reported
Bioassay/Benthic Failures Contaminant Group:		Not reported
Wood Debris Contaminant Group:		Not reported
Other Deleterious Substance Group:		Not reported
Ecology Site Status (MTCA cleanup process):	Independent Remedial Action	
Independent Site Status (independent cleanup):	Final Independent Remedial Action Report received	
Facility ID:	14293218	
warm_bin_n:	Not reported	
Prog plan code:	4	
Latitude:	47.764999000000003	
Longitude:	-122.365911	
Lat/Long:	47.764999000000003 / -122.365911	
Lat/Long (dms):	47 45 53.990000000000002 / 122 21 57.280000000000001	
Media ID:	12113	
Media Type Desc:	Soil	
Media Status Desc:	Confirmed	
Affected Media:	Soil	
Affected Media Status:	C	
Pesticides:	Not reported	
Petroleum Products:	Confirmed above MTCA cleanup levels	
Phenolic Compounds:	Not reported	
Reactive Wastes:	Not reported	
Corrosive Wastes:	Not reported	
Radioactive Wastes:	Not reported	
Asbestos:	Not reported	
Responsible Unit:	Northwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Not reported
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		Not reported
EPA Priority Pollutants - Metals and Cyanide:		Not reported
Metals - Other non-priority pollutant medals:		Not reported
Polychlorinated biPhenyls (PCBs):		Not reported
Polynuclear Aromatic Hydrocarbons (PAH):		Not reported
Conventional Contaminants, Organic:		Not reported
Conventional Contaminants, Inorganic:		Not reported
Tibutyl Tin Contaminant Group:		Not reported
Bioassay/Benthic Failures Contaminant Group:		Not reported
Wood Debris Contaminant Group:		Not reported
Other Deleterious Substance Group:		Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHEVRON 94511 (Continued)

1001819765

Ecology Site Status (MTCA cleanup process): Independent Remedial Action
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

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

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

VCP:

Facility ID: 14293218
 Ecology Status: Independent Remedial Action
 WARM BIN #: Not reported
 NFA Code: Not reported
 Program Plan: 4

Facility ID: 14293218
 Ecology Status: Independent Remedial Action
 WARM BIN #: Not reported
 NFA Code: Not reported
 Program Plan: 4

WA MANIFEST:

Facility Site ID Number: 14293218
 Permit by Rule: False
 Treatment by Generator: False
 Mixed radioactive waste: False
 Importer of hazardous waste: False
 Immediate recycler: False
 Treatment/Storage/Disposal/Recycling Facility: False
 Generator of dangerous fuel waste: False
 Generator marketing to burner: False
 "Other marketers (i.e., blender, distributor, etc.)": False
 Utility boiler burner: False
 Industry boiler burner: False
 Industrial Furnace: False

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHEVRON 94511 (Continued)

1001819765

Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD988490850
Facility Address 2:	Not reported
TAX REG NBR:	173003748
NAICS CD:	44711
BUSINESS TYPE:	Not reported
MAIL NAME:	Chevron
MAIL ADDR LINE1:	PO Box 6004
MAIL CITY,ST,ZIP:	SAN RAMON, CA 94583-0904
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Chevron
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO Box 6004
LEGAL CITY,ST,ZIP:	SAN RAMON, CA 94583-0904
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(925)842-5931
LEGAL EFFECTIVE DATE:	01/01/00
LAND ORG NAME:	Chevron Products Co
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	PO Box 6004
LAND CITY,ST,ZIP:	SAN RAMON, CA 94583
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(925)842-5931
OPERATOR ORG NAME:	Not reported
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	617 NW RICHMOND BEACH RD
OPERATOR CITY,ST,ZIP:	SHORELINE, WA 98177-3121
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(206)546-3930
OPERATOR EFFECTIVE DATE:	08/26/96
SITE CONTACT NAME:	Kathy L Norris
SITE CONTACT ADDR LINE1:	PO Box 6004
SITE CONTACT ZIP:	SAN RAMON, CA 94583
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(925)842-5931
SITE CONTACT EMAIL:	Not reported
FORM CONTACT NAME:	Kathy L Norris
FORM CONTACT ADDR LINE1:	PO Box 6004
FORM CONTACT CITY,ST,ZIP:	SAN RAMON, CA 94583-0904
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(925)842-5931
FORM CONTACT EMAIL:	KNorris@ChevronTexaco.com
GEN STATUS CD:	XQG
MONTHLY GENERATION:	False

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHEVRON 94511 (Continued)

1001819765

BATCH GENERATION: False
 ONE TIME GENERATION: False
 TRANSPORTS OWN WASTE: False
 TRANSPORTS OTHRS WASTE: False
 RECYCLER ONSITE: False
 TRANSFER FACILITY: False
 OTHER EXEMPTION: Not reported
 UW BATTERY GEN: False
 USED OIL TRANSPORTER: False
 USED OIL TRANSFER FACILITY: False
 USED OIL PROCESSOR: False
 USED OIL REREFINER: False
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: False
 USED OIL FUEL MRKTR MEETS SPECS: False

23
ENE
1/2-1
5060 ft.

HOLYROOD CEMETERY
205 NE 205TH
SEATTLE, WA 98155

CSCSL **U001124243**
LUST **N/A**
UST
ICR

Relative:
Lower

CSCSL:

Actual:
304 ft.

Facility ID: 17333793
 warm_bin_n: Not reported
 Prog plan code: 4
 Latitude: 47.777428999999998
 Longitude: -122.328155
 Lat/Long: 47.777428999999998 / -122.328155
 Lat/Long (dms): 47 46 38.740000000000002 / 122 19 41.359999999999999
 Media ID: 9806
 Media Type Desc: Soil
 Media Status Desc: Confirmed
 Affected Media: Soil
 Affected Media Status: C
 Pesticides: Not reported
 Petroleum Products: Confirmed above MTCA cleanup levels
 Phenolic Compounds: Not reported
 Reactive Wastes: Not reported
 Corrosive Wastes: Not reported
 Radioactive Wastes: Not reported
 Asbestos: Not reported
 Responsible Unit: Northwest Region
 Arsenic Code: Not reported
 MTBE Code: Not reported
 UXO Code: Not reported
 Dioxin: Not reported
 Non-Halogenated Solvents: Not reported
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Not reported
 EPA Priority Pollutants - Metals and Cyanide: Not reported
 Metals - Other non-priority pollutant medals: Not reported
 Polychlorinated biPhenyls (PCBs): Not reported
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported
 Conventional Contaminants, Organic: Not reported
 Conventional Contaminants, Inorganic: Not reported
 Tributyl Tin Contaminant Group: Not reported
 Bioassay/Benthic Failures Contaminant Group: Not reported
 Wood Debris Contaminant Group: Not reported
 Other Deleterious Substance Group: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HOLYROOD CEMETERY (Continued)

U001124243

Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

LUST:

FS ID: 17333793
Facility ID: 5901
Release ID: 422741
Alternate Name: HOLYROOD CEMETERY
Release Notification Date: 8/6/1997 00:00:00
Release Status Date: 8/7/1997 00:00:00
Facility Status: Awaiting Cleanup
Affected Media: Soil
Site Response Unit Code: NW
Lat/Long: 47.777428999999998 / -122.328155

FS ID: 17333793
Facility ID: 5901
Release ID: 422741
Alternate Name: HOLYROOD CEMETERY
Release Notification Date: 8/6/1997 00:00:00
Release Status Date: 8/7/1997 00:00:00
Facility Status: Awaiting Cleanup
Affected Media: Ground Water
Site Response Unit Code: NW
Lat/Long: 47.777428999999998 / -122.328155

FS ID: 17333793
Facility ID: 5901
Release ID: 422741
Alternate Name: HOLYROOD CEMETERY
Release Notification Date: 8/6/1997 00:00:00
Release Status Date: 3/25/1999 00:00:00
Facility Status: Cleanup Started
Affected Media: Soil
Site Response Unit Code: NW
Lat/Long: 47.777428999999998 / -122.328155

FS ID: 17333793
Facility ID: 5901
Release ID: 422741
Alternate Name: HOLYROOD CEMETERY
Release Notification Date: 8/6/1997 00:00:00
Release Status Date: 3/25/1999 00:00:00
Facility Status: Cleanup Started
Affected Media: Ground Water
Site Response Unit Code: NW
Lat/Long: 47.777428999999998 / -122.328155

UST:

Facility ID: 17333793
Site ID: 5901
Status: Removed
Tank Name: 1GAS
Install Date: 3/11/1982 00:00:00
Capacity: 111 TO 1,100 Gallons
Compartment #: 1

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HOLYROOD CEMETERY (Continued)

U001124243

Substance: Unleaded Gasoline
Ecology Region: North Western
Tank ID: 8844
Compartment ID: 8995
Decimal Latitude: 47.777428999999998
Decimal Longitude: -122.328155

Facility ID: 17333793
Site ID: 5901
Status: Removed
Tank Name: 2OIL
Install Date: 3/11/1982 00:00:00
Capacity: 111 TO 1,100 Gallons
Compartment #: 1
Substance: Diesel
Ecology Region: North Western
Tank ID: 14436
Compartment ID: 14658
Decimal Latitude: 47.777428999999998
Decimal Longitude: -122.328155

ICR:

Date Ecology Received Report: 12/17/1997
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 95-14
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 08/10/2001
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-39
County Code: 17.00000
Contact: Not reported
Report Title: Monitoring and Sampling 9/20/99

Date Ecology Received Report: 08/10/2001
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-39
County Code: 17.00000
Contact: Not reported
Report Title: Monitoring and Sampling 6/17/99

Date Ecology Received Report: 08/10/2001
Contaminants Found at Site: Petroleum products

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HOLYROOD CEMETERY (Continued)

U001124243

Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-39
County Code: 17.00000
Contact: Not reported
Report Title: Ground Water Monitoring 6/22/00

Date Ecology Received Report: 08/10/2001
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-39
County Code: 17.00000
Contact: Not reported
Report Title: Ground Water Monitoring 6/11/01

Date Ecology Received Report: 08/10/2001
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-39
County Code: 17.00000
Contact: Not reported
Report Title: Ground Water Monitoring 3/22/01

Date Ecology Received Report: 08/10/2001
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-39
County Code: 17.00000
Contact: Not reported
Report Title: Ground Water Monitoring

Date Ecology Received Report: 08/10/2001
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-39
County Code: 17.00000
Contact: Not reported
Report Title: Monitoring and Sampling 12/1/99

Date Ecology Received Report: 08/10/2001
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HOLYROOD CEMETERY (Continued)

U001124243

Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-39
County Code: 17.00000
Contact: Not reported
Report Title: Monitoring and Sampling 3/25/99

Date Ecology Received Report: 11/09/2001
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-43
County Code: 17.00000
Contact: Not reported
Report Title: Ground Water Monitoring - September 2001

Date Ecology Received Report: 06/14/2002
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-49
County Code: 17.00000
Contact: Not reported
Report Title: Semi-annual Ground Water Monitoring - May 2002

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
EDMONDS	S105831696	CROSS PROPERTY FORMER	21700 HWY 99	98026	CSCSL
KING COUNTY	S105806023	MCMICKEN HEIGHTS	BETWEEN THE S. 175TH ST. DEAD-END AND INTERSTATE-5		SWF/LF
KING COUNTY	S105806029	RENTON JUNCTION (MONSTER ROAD)	BETWEEN MONSTER ROAD AND THE GREEN RIVER		SWF/LF
KING COUNTY	S105806034	BOW LAKE ABANDONED LANDFILL	IMMEDIATELY EAST OF I-5, ACROSS FROM SOUTH 188TH S		SWF/LF
KING COUNTY	S105806035	CORLISS ABANDONED LANDFILL	IMMEDIATELY WEST OF I-5 BETWEEN NORTH 163RD PLACE		SWF/LF
KING COUNTY	S105806037	PUYALLUP/KIT CORNER ABANDONED LANDFILL	IMMEDIATELY EAST OF I-5 JUST SOUTH OF THE HIGHWAY		SWF/LF
KING COUNTY	S108107942	WASTE MOBILE COLLECTIONS	MOVES LOCATIONS (SEE COMMENT FIELD)		SWF/LF
KING COUNTY	S108107837	TOLT BACKWASH SOLIDS LANDFILL	39025 NE NORTH FORK RD		SWF/LF
KING COUNTY	S105806011	AUBURN (M & R STREET SITE)	NORTHWEST OF R STREET AND 25TH STREET S.E.		SWF/LF
KING COUNTY	S105806012	AUBURN (ROTARY PARK SITE)	NORTHWEST OF 27TH STREET S.E. AND ALPINE ST. S.E.		SWF/LF
KING COUNTY	S105806013	BOW LAKE	NORTHEAST OF S. 188TH ST. AND INTERSTATE-5		SWF/LF
KING COUNTY	S105806014	CARTON & BORTH	NORTHWEST OF 71ST AVE. N.E. AND N.E. 186TH STREET		SWF/LF
KING COUNTY	S105806015	CORLISS LANDFILL	NORTHEAST OF CORLISS AVE. N. AND N. 163RD STREET		SWF/LF
KING COUNTY	S105806016	EASTGATE ABANDONED LANDFILL	NORTHEAST OF 156TH AVE. S.E. AND I-90, NORTH END O		SWF/LF
KING COUNTY	S105806017	ENUMCLAW	SOUTHEAST OF 284TH AVE. S.E. AND S.E. 448TH STREET		SWF/LF
KING COUNTY	S105806018	FACTORIA PIT (SUNSET RAVINE PARK)	NORTHWEST OF 135TH AVE S.E. AND S.E. 40TH STREET		SWF/LF
KING COUNTY	S105806020	H.H. OLESON	NORTHEAST OF N.E. 172ND ST. AND 152 PL. N.E.		SWF/LF
KING COUNTY	S105806021	HOUGHTON	NORTHWEST OF N.E. 60TH ST. AND 120TH AVE. N.E.		SWF/LF
KING COUNTY	S105806022	KENT ABANDONED LANDFILL (MILL CREEK CANYON PARK)	NORTHEAST OF MAPLE ST. AND TILDEN AVENUE		SWF/LF
KING COUNTY	S105806024	NORTH BEND	WEST OF THE MIDDLE FORK ROAD, ABOUT 1 MILE NORTH O		SWF/LF
KING COUNTY	S105806025	PACIFIC CITY	SOUTH OF 3RD AVE. S.E. AT THE WHITE RIVER		SWF/LF
KING COUNTY	S105806026	PUYALLUP/KIT CORNER	NORTHEAST OF S. 360TH ST. AND INTERSTATE-5		SWF/LF
KING COUNTY	S105806027	REDONDO PIT	SOUTHWEST OF S. DASH POINT ROAD AND PACIFIC HIGHWA		SWF/LF
KING COUNTY	S105806028	RENTON HIGHLANDS	SOUTHWEST OF N.E. 3RD ST. AND JEFFERSON AVENUE N.E		SWF/LF
KING COUNTY	S105806030	SKYKOMISH	NORTH OF THE STEPHEN'S PASS HIGHWAY JUST EAST OF S		SWF/LF
KING COUNTY	S105806031	SUNSET PARK	SOUTHWEST OF 18TH AVE. S. AND S. 136TH STREET		SWF/LF
KING COUNTY	S105806032	TUKWILA	SOUTH OF 62ND AVE. S. AND S. 151ST STREET		SWF/LF
KING COUNTY	S105806033	VASHON ISLAND	WEST OF 130TH AVE. S.W. ACROSS FROM THE PRESENT LA		SWF/LF
KING COUNTY	S105806036	HOUGHTON ABANDONED LANDFILL	EAST OF I-405, IMMEDIATELY NORTH OF BRIDAL TRAILS		SWF/LF
KING COUNTY	S105806019	FALL CITY ABANDONED LANDFILL	OLD DUMP RD. AT FIRST ROAD BEND		SWF/LF
SEATTLE	1003880414	KING CO - HALLER LK LDFL	N 125TH ST E OF AURORA AV	98133	CERC-NFRAP
SEATTLE	1007078062	FOY RESIDENTIAL PROPERTIES	BLOCK BOUNDED BY NE 145TH DAYTON AVE N	98133	FINDS, VCP
SEATTLE	S105612844	FOY RESIDENTIAL PROPERTIES	BLOCK BOUNDED BY NE 145TH DAYTON AVE N	98133	CSCSL NFA
SEATTLE	S103512775	RICHMOND HIGHLANDS WATER TANK	SW CORNER N. OF 195TH ST./FREMONT AVE.	98133	ICR
SHORELINE	S107154435	CITY OF SHORELINE PROJECT / CONTRACTOR	15TH NE / N 192ND		SPILLS
SHORELINE	S108166870	WSDOT I-5 175TH ST TO 205TH ST	MP 176.02 TO MP 177.18	98133	NPDES
SHORELINE	S107154434	CITY OF SHORELINE	BALENGER PARK		SPILLS
SHORELINE	S107565905	BALLINGER CLEANERS	20320B BALLINGER WAY NE	98155	CSCSL
SHORELINE	S107474385	CITY OF SHORELINE	171 WALLINGFORD AVE N		SPILLS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

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

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 11/17/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 08/09/2006	Source: EPA
Date Data Arrived at EDR: 09/21/2006	Telephone: 703-603-8960
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/19/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 10/10/2006	Source: EPA
Date Data Arrived at EDR: 10/25/2006	Telephone: 703-603-8960
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 10/11/2006	Telephone: 800-424-9346
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 12/04/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 03/05/2007
	Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: 800-424-9346
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 12/13/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 10/24/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 08/01/2006	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/18/2006	Telephone: 202-366-4555
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 10/18/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 01/02/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 01/02/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 703-692-8801
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 11/10/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 02/05/2007
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/20/2006	Telephone: 202-528-4285
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 01/02/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients--States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/17/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/20/2006	Telephone: 202-566-2777
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 12/11/2006
Number of Days to Update: 54	Next Scheduled EDR Contact: 03/12/2007
	Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 11/17/2006
Number of Days to Update: 69	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 10/07/2006	Source: EPA
Date Data Arrived at EDR: 10/13/2006	Telephone: 703-416-0223
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 01/02/2007
Number of Days to Update: 61	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 12/19/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 10/18/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 10/19/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

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

Date of Government Version: 10/19/2006	Source: EPA
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 11/07/2006
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 07/07/2006	Source: EPA
Date Data Arrived at EDR: 08/09/2006	Telephone: 202-566-0500
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 11/29/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 02/05/2007
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 10/19/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 10/31/2006	Telephone: 301-415-7169
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 01/02/2007
Number of Days to Update: 43	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/09/2006	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/27/2006	Telephone: 303-231-5959
Date Made Active in Reports: 11/27/2006	Last EDR Contact: 12/28/2006
Number of Days to Update: 61	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/11/2006
Date Data Arrived at EDR: 10/18/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 56

Source: EPA
Telephone: N/A
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 12/04/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/15/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

CSCSL: Confirmed & Suspected Contaminated Sites List

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

Date of Government Version: 11/08/2006
Date Data Arrived at EDR: 11/16/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 14

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 11/16/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Semi-Annually

HSL: Hazardous Sites List

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

Date of Government Version: 08/23/2006
Date Data Arrived at EDR: 09/22/2006
Date Made Active in Reports: 10/11/2006
Number of Days to Update: 19

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 12/06/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: Semi-Annually

CSCSL NFA: Confirmed & Contaminated Sites - No Further Action

The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead, a No Further Action code is entered based upon the type of NFA determination the site received.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/08/2006
Date Data Arrived at EDR: 11/16/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 14

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 11/16/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Semi-Annually

SWF/LF: Solid Waste Facility Database

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

Date of Government Version: 10/12/2006
Date Data Arrived at EDR: 10/13/2006
Date Made Active in Reports: 10/31/2006
Number of Days to Update: 18

Source: Department of Ecology
Telephone: 360-407-6132
Last EDR Contact: 10/05/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Annually

SWTIRE: Solid Waste Tire Facilities

This study identified sites statewide with unauthorized accumulations of scrap tires.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 03/16/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 28

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 10/06/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Varies

LUST: Leaking Underground Storage Tanks Site List

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

Date of Government Version: 09/07/2006
Date Data Arrived at EDR: 09/14/2006
Date Made Active in Reports: 10/11/2006
Number of Days to Update: 27

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 12/14/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Quarterly

UST: Underground Storage Tank Database

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

Date of Government Version: 09/07/2006
Date Data Arrived at EDR: 09/14/2006
Date Made Active in Reports: 10/20/2006
Number of Days to Update: 36

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 12/14/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Locations

A listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program.

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 09/08/2006
Date Made Active in Reports: 10/12/2006
Number of Days to Update: 34

Source: Department of Ecology
Telephone: 360-407-7562
Last EDR Contact: 11/29/2006
Next Scheduled EDR Contact: 02/26/2007
Data Release Frequency: Varies

MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 04/24/2006
Date Made Active in Reports: 05/31/2006
Number of Days to Update: 37

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 11/13/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Annually

SPILLS: Reported Spills

Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 10/30/2006
Date Data Arrived at EDR: 10/30/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 31

Source: Department of Ecology
Telephone: 360-407-6950
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Semi-Annually

INST CONTROL: Institutional Control Site List

Sites that have institutional controls.

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 09/08/2006
Date Made Active in Reports: 10/11/2006
Number of Days to Update: 33

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 12/04/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites

Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

Date of Government Version: 11/08/2006
Date Data Arrived at EDR: 11/16/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 14

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 11/16/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Varies

ICR: Independent Cleanup Reports

These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree. This database is no longer updated by the Department of Ecology.

Date of Government Version: 12/01/2002
Date Data Arrived at EDR: 01/03/2003
Date Made Active in Reports: 01/22/2003
Number of Days to Update: 19

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 11/16/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: No Update Planned

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners who registered with the Department of Ecology (using the SIC code of 7215 and 7216) as hazardous waste generators.

Date of Government Version: 01/12/2006
Date Data Arrived at EDR: 03/23/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 21

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 11/13/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Varies

BROWNFIELDS: Brownfields Sites Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/08/2006
Date Data Arrived at EDR: 11/16/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 14

Source: Department of Ecology
Telephone: 360-725-4030
Last EDR Contact: 11/16/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Varies

CDL: Clandestine Drug Lab Contaminated Site List

Illegal methamphetamine labs use hazardous chemicals that create public health hazards. Chemicals and residues can cause burns, respiratory and neurological damage, and death. Biological hazards associated with intravenous needles, feces, and blood also pose health risks.

Date of Government Version: 06/19/2006
Date Data Arrived at EDR: 09/07/2006
Date Made Active in Reports: 10/11/2006
Number of Days to Update: 34

Source: Department of Health
Telephone: 360-236-3380
Last EDR Contact: 12/08/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: Varies

NPDES: Water Quality Permit System Data

A listing of permitted wastewater facilities.

Date of Government Version: 11/01/2006
Date Data Arrived at EDR: 11/16/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 14

Source: Department of Ecology
Telephone: 360-407-6073
Last EDR Contact: 11/16/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Quarterly

EMI: Washington Emissions Data System

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 03/16/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 28

Source: Department of Ecology
Telephone: 360-407-6040
Last EDR Contact: 10/16/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: Annually

INACTIVE DRYCLEANERS: Inactive Drycleaners

A listing of inactive drycleaner facility locations.

Date of Government Version: 01/12/2006
Date Data Arrived at EDR: 03/23/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 21

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 11/13/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Annually

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 11/10/2006
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/07/2006
Date Data Arrived at EDR: 09/08/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 61

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005	Source: EPA Region 6
Date Data Arrived at EDR: 01/21/2005	Telephone: 214-665-6597
Date Made Active in Reports: 02/28/2005	Last EDR Contact: 11/17/2006
Number of Days to Update: 38	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 09/06/2006	Telephone: 303-312-6271
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 09/11/2006	Source: EPA Region 10
Date Data Arrived at EDR: 09/11/2006	Telephone: 206-553-2857
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2006	Telephone: 415-972-3372
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-8677
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-9424
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 11/17/2006
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 08/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 09/06/2006	Telephone: 303-312-6137
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 09/11/2006	Source: EPA Region 10
Date Data Arrived at EDR: 09/11/2006	Telephone: 206-553-2857
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 09/07/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 09/08/2006	Telephone: 617-918-1313
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 61	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 08/28/2006	Source: EPA Region 6
Date Data Arrived at EDR: 08/29/2006	Telephone: 214-665-7591
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 71	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 9
Date Data Arrived at EDR: 10/04/2006	Telephone: 415-972-3368
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

KING COUNTY:

Abandoned Landfill Study in King County

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

Date of Government Version: 04/30/1985
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle-King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

KITSAP COUNTY:

Water Wells in Kitsap County

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: N/A

SEATTLE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Abandoned Landfill Study in the City of Seattle

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

Date of Government Version: 07/30/1984	Source: Seattle - King County Department of Public Health
Date Data Arrived at EDR: 11/07/1994	Telephone: 206-296-4785
Date Made Active in Reports: N/A	Last EDR Contact: 10/21/1994
Number of Days to Update: 0	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SEATTLE/KING COUNTY:

Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project

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

Date of Government Version: 12/31/1986	Source: Department of Public Health
Date Data Arrived at EDR: 08/18/1995	Telephone: 206-296-4785
Date Made Active in Reports: 09/20/1995	Last EDR Contact: 08/14/1995
Number of Days to Update: 33	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SNOHOMISH COUNTY:

Solid Waste Sites of Record at Snohomish Health District

Date of Government Version: 08/07/2006	Source: Snohomish Health District
Date Data Arrived at EDR: 11/13/2006	Telephone: 206-339-5250
Date Made Active in Reports: 11/30/2006	Last EDR Contact: 10/20/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Semi-Annually

TACOMA/PIERCE COUNTY:

Closed Landfill Survey

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

Date of Government Version: 09/01/2002	Source: Tacoma-Pierce County Health Department
Date Data Arrived at EDR: 03/24/2003	Telephone: 206-591-6500
Date Made Active in Reports: 05/14/2003	Last EDR Contact: 03/19/2003
Number of Days to Update: 51	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

OTHER DATABASE(S)

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 08/30/2006
Date Made Active in Reports: 10/16/2006
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/29/2006
Next Scheduled EDR Contact: 02/26/2007
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 81

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/08/2007
Data Release Frequency: Annually

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

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

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

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Daycare Center Listing

Source: Department of Social & Health Services

Telephone: 253-383-1735

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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EDR® Environmental
Data Resources Inc

The EDR Radius Map™ Report

**Shoreline Aurora Ave N 175th St
Aurora Ave N/175th St
Shoreline, WA 98133**

Inquiry Number: 1818306.6s

January 02, 2007

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

TARGET PROPERTY INFORMATION

ADDRESS

AURORA AVE N/175TH ST
SHORELINE, WA 98133

COORDINATES

Latitude (North): 47.755900 - 47° 45' 21.2"
Longitude (West): 122.345800 - 122° 20' 44.9"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 549031.6
UTM Y (Meters): 5289158.5
Elevation: 465 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 47122-G3 EDMONDS EAST, WA
Most Recent Revision: 1981

South Map: 47122-F3 SEATTLE NORTH, WA
Most Recent Revision: 1981

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 search radius around the target property for the following databases:

FEDERAL RECORDS

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
Delisted NPL..... National Priority List Deletions
NPL RECOVERY..... Federal Superfund Liens
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

EXECUTIVE SUMMARY

CORRACTS	Corrective Action Report
RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

HSL	Hazardous Sites List
SWF/LF	Solid Waste Facility Database
SWTIRE	Solid Waste Tire Facilities
AST	Aboveground Storage Tank Locations
SPILLS	Reported Spills
DRYCLEANERS	Drycleaner List
BROWNFIELDS	Brownfields Sites Listing
CDL	Clandestine Drug Lab Contaminated Site List
NPDES	Water Quality Permit System Data
EMI	Washington Emissions Data System

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

EXECUTIVE SUMMARY

FEDERAL RECORDS

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store , treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 21 RCRA-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>TUNE N LUBE CORP</i>	<i>17550 AURORA AVE N</i>	<i>0 - 1/8 N</i>	<i>A5</i>	<i>9</i>
<i>SHORELINE FIRE DEPARTMENT</i>	<i>1016 N 175TH ST</i>	<i>0 - 1/8 W</i>	<i>C10</i>	<i>13</i>
<i>KEN EASLEYS OLDSMOBILE CADILLA</i>	<i>17545 AURORA AVENUE NOR</i>	<i>0 - 1/8 N</i>	<i>13</i>	<i>14</i>
<i>DESERET INDUSTRIES SEATTLE</i>	<i>17935 AURORA AVE N</i>	<i>1/4 - 1/2 N</i>	<i>G53</i>	<i>50</i>
<i>SCHUCKS AUTO SUPPLY</i>	<i>18021 AURORA AVE N</i>	<i>1/4 - 1/2 N</i>	<i>I58</i>	<i>52</i>
<i>FRED MEYER INC AURORA</i>	<i>18325 AURORA AVE N</i>	<i>1/4 - 1/2 N</i>	<i>K68</i>	<i>57</i>
<i>GW CLEANERS</i>	<i>1112 N 183RD</i>	<i>1/4 - 1/2 N</i>	<i>L75</i>	<i>62</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>RICHMOND HEIGHTS AUTO SVC</i>	<i>17248 RONALD PL N AUTO</i>	<i>0 - 1/8 SSE</i>	<i>D26</i>	<i>27</i>
<i>RANDY REPAINTS</i>	<i>17244 RONALD PL N</i>	<i>0 - 1/8 SSE</i>	<i>D29</i>	<i>28</i>
<i>TEXACO STATION 632320386</i>	<i>17255 AURORA AVENUE NOR</i>	<i>0 - 1/8 S</i>	<i>E35</i>	<i>32</i>
<i>CARTER SUBARU</i>	<i>17225 AURORA AVE N</i>	<i>1/8 - 1/4 S</i>	<i>E39</i>	<i>37</i>
<i>SHORELINE SIGN INC</i>	<i>17038 AURORA AVE N</i>	<i>1/8 - 1/4 S</i>	<i>F45</i>	<i>41</i>
<i>TOWN & COUNTRY JEEP EAGLE</i>	<i>17037 AURORA AVE N</i>	<i>1/8 - 1/4 S</i>	<i>F46</i>	<i>42</i>
<i>CHUCK OLSON CHEVROLET INC 1703</i>	<i>17037 AURORA AVE N</i>	<i>1/8 - 1/4 S</i>	<i>F47</i>	<i>42</i>
<i>ACTION MACHINE</i>	<i>17012 AURORA AVE N</i>	<i>1/8 - 1/4 S</i>	<i>F51</i>	<i>48</i>
<i>CITY LIGHT DRUM</i>	<i>200 FT BEHIND 17012 AUR</i>	<i>1/4 - 1/2 SSW</i>	<i>54</i>	<i>51</i>
<i>RON'S CLEANERS</i>	<i>16737 AURORA AVE N</i>	<i>1/4 - 1/2 S</i>	<i>J64</i>	<i>55</i>
<i>CLUB HOLLYWOOD CASINO</i>	<i>16716 AURORA AVENUE NOR</i>	<i>1/4 - 1/2 S</i>	<i>J73</i>	<i>60</i>
<i>HOOPER ELEC</i>	<i>16715 AURORA AVE N PO B</i>	<i>1/4 - 1/2 S</i>	<i>J74</i>	<i>61</i>
<i>EVANS TIRE SVC CTRS 066</i>	<i>16622 AURORA AVE N</i>	<i>1/4 - 1/2 S</i>	<i>N81</i>	<i>64</i>
<i>U HAUL CO OF N SEATTLE</i>	<i>16503 AURORA AVE N</i>	<i>1/4 - 1/2 S</i>	<i>Q94</i>	<i>72</i>

STATE AND LOCAL RECORDS

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

A review of the CSCSL list, as provided by EDR, and dated 11/08/2006 has revealed that there are 7

EXECUTIVE SUMMARY

CSCSL sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
UNOCAL 4973	1150 N 175TH ST	0 - 1/8 E	B20	20
BURKE PROPERTY	17248 RONALD PL N	0 - 1/8 SSE	D24	24
HORTONS CANOPY	17212 AURORA AVE N	1/8 - 1/4 S	E38	36
MERIDIAN LANDFILL	170TH N / MERIDIAN AV	1/2 - 1 ESE	96	76
HENDRICKSON PROPERTY	928 N 160TH ST	1/2 - 1 S	97	77
EZ STOP	19200 AURORA AVE N	1/2 - 1 N	R98	79
HOLIDAY RESORT SITE FORMER	19222-19260 AURORA AVE	1/2 - 1 N	R99	80

CSCSL NFA: The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead a No Further Action code is entered based upon the type of NFA determination the site received.

A review of the CSCSL NFA list, as provided by EDR, and dated 11/08/2006 has revealed that there are 10 CSCSL NFA sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WALGREENS PROPOSED	17524 AURORA AVE N	0 - 1/8 N	A4	8
KEN EASLEYS OLDSMOBILE CADILLA	17545 AURORA AVENUE NOR	0 - 1/8 N	13	14
GATEWAY PLAZA	18336 MIDVALE AVE N	1/4 - 1/2 N	P89	68

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PROPOSED TOP FOOD & DRUG	175TH / RONALD PL	0 - 1/8 E	B8	10
HIGHLAND PLAZA	1110 N 175TH ST	0 - 1/8 E	B11	13
ROLAND D NELSON NELSONS CHEVRO	1140 N 175TH ST	0 - 1/8 E	B18	19
CHUCK OLSON CHEVROLET INC 1703	17037 AURORA AVE N	1/8 - 1/4 S	F47	42
UNDERHILL FURNITURE	17030 AURORA AVE N	1/8 - 1/4 S	F49	47
BOBS AUTO	16955 AURORA AVE N	1/4 - 1/2 S	H56	51
CLUB HOLLYWOOD CASINO	16716 AURORA AVENUE NOR	1/4 - 1/2 S	J73	60

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

A review of the LUST list, as provided by EDR, and dated 09/07/2006 has revealed that there are 11 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
TUNE N LUBE CORPORATION	17550 AURORA AVENUE NOR	0 - 1/8 N	A6	9
SHORELINE FIRE DEPARTMENT	1016 N 175TH	0 - 1/8 W	C9	11
FIRESTONE STORE PN145351(FORME	19805 HWY 99	1/8 - 1/4 SSW	42	40
FRED MEYER INC	18325 AURORA AVE N	1/4 - 1/2 N	K70	58
BILL LANGE BERG	18425 AURORA AVE N	1/4 - 1/2 N	O86	66

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MARTIN HOCHFELD	1121 NO 175TH	0 - 1/8 E	B15	17
UNION 4973	1150 N 175TH	0 - 1/8 E	B22	22
HIGHLAND TEXACO	17255 AURORA AVE N	0 - 1/8 S	E33	30

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
60 MINUTE TUNE	16622 AURORA NORTH	1/4 - 1/2 S	N83	65
CONOCOPHILLIPS COMPANY - 27059	16510 AURORA AVE N	1/4 - 1/2 S	Q91	70
UHAUL CO OF NORTH SEATTLE	16503 AURORA AVE NORTH	1/4 - 1/2 S	Q95	75

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

A review of the UST list, as provided by EDR, and dated 09/07/2006 has revealed that there are 27 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>
CHEVRON 95777	5719 OLYMPIC HWY	0 - 1/8 N	A1	6
SHORELINE FOOD & GAS	17505 AURORA AVE N	0 - 1/8 N	A3	7
TUNE N LUBE CORPORATION	17550 AURORA AVENUE NOR	0 - 1/8 N	A6	9
SHORELINE FIRE DEPARTMENT	1016 N 175TH	0 - 1/8 W	C9	11
KEN EASLEYS OLDSMOBILE CADILLA	17545 AURORA AVENUE NOR	0 - 1/8 N	13	14
FIRESTONE STORE PN145351(FORME	19805 HWY 99	1/8 - 1/4 SSW	42	40
SEARS ROEBUCK & CO	18021 AURORA AVENUE NO	1/4 - 1/2 N	I59	53
TEXACO STATION	18325 AURORA NORTH	1/4 - 1/2 N	K67	57
FRED MEYER INC	18325 AURORA AVE N	1/4 - 1/2 N	K70	58
BILL LANGE BERG	18425 AURORA AVE N	1/4 - 1/2 N	O86	66
GATEWAY PLAZA	18336 MIDVALE AVE N	1/4 - 1/2 N	P90	69

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MARTIN HOCHFELD	1121 NO 175TH	0 - 1/8 E	B16	17
ROLAND D NELSON-NELSON'S CHEVR	1140 NO 175TH ST	0 - 1/8 E	B17	18
UNION 4973	1150 N 175TH	0 - 1/8 E	B22	22
KEENER QUALITY FOODS	1215 N 175TH ST	0 - 1/8 E	31	28
AURORA RENTS INC	17244 AURORA AVE N	0 - 1/8 S	E32	29
HIGHLAND TEXACO	17255 AURORA AVE N	0 - 1/8 S	E33	30
RONALD SEWER DISTRICT	17505 LINDEN AVE NORTH	0 - 1/8 W	36	35
CARTER SUBARU	17225 AURORA N	1/8 - 1/4 S	E40	39
TOWN & COUNTRY JEEP EAGLE	17037 AURORA AVE N	1/8 - 1/4 S	F46	42
NATIONAL FOOD CORPORATION	16740 AURORA AVE N.	1/4 - 1/2 S	J62	54
ROSSOE, INC. ("MILLER" PLANT)	16724 AURORA AVE N	1/4 - 1/2 S	J65	55
BLACK JACK CAFE	16716 AURORA AVE N	1/4 - 1/2 S	J72	60
HOOPER ELEC	16715 AURORA AVE N PO B	1/4 - 1/2 S	J74	61
60 MINUTE TUNE	16622 AURORA NORTH	1/4 - 1/2 S	N83	65
CONOCOPHILLIPS COMPANY - 27059	16510 AURORA AVE N	1/4 - 1/2 S	Q91	70
UHAUL CO OF NORTH SEATTLE	16503 AURORA AVE NORTH	1/4 - 1/2 S	Q95	75

MANIFEST: Hazardous waste manifest information.

A review of the WA MANIFEST list, as provided by EDR, and dated 12/31/2004 has revealed that there are 5 WA MANIFEST sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
TEXACO STATION 632320386	17255 AURORA AVENUE NOR	0 - 1/8 S	E35	32
CARTER SUBARU	17225 AURORA AVE N	1/8 - 1/4 S	E39	37
CHUCK OLSON CHEVROLET INC 1703	17037 AURORA AVE N	1/8 - 1/4 S	F47	42

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ACTION MACHINE	17012 AURORA AVE N	1/8 - 1/4S	F51	48
U HAUL CO OF N SEATTLE	16503 AURORA AVE N	1/4 - 1/2S	Q94	72

INST CONTROL: Sites that have institutional controls.

A review of the INST CONTROL list, as provided by EDR, and dated 09/06/2006 has revealed that there is 1 INST CONTROL site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CHUCK OLSON CHEVROLET INC 1703	17037 AURORA AVE N	1/8 - 1/4S	F47	42

VCP: Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

A review of the VCP list, as provided by EDR, and dated 11/08/2006 has revealed that there are 10 VCP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WALGREENS PROPOSED	17524 AURORA AVE N	0 - 1/8 N	A4	8
GATEWAY PLAZA	18336 MIDVALE AVE N	1/4 - 1/2N	P90	69

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PROPOSED TOP FOOD & DRUG	175TH / RONALD PL	0 - 1/8 E	B8	10
HIGHLAND PLAZA	1110 N 175TH ST	0 - 1/8 E	B11	13
ROLAND D NELSON NELSONS CHEVRO	1140 N 175TH ST	0 - 1/8 E	B18	19
UNOCAL 4973	1150 N 175TH ST	0 - 1/8 E	B21	21
HORTONS CANOPY	17212 AURORA AVE N	1/8 - 1/4S	E38	36
CHUCK OLSON CHEVROLET INC 1703	17037 AURORA AVE N	1/8 - 1/4S	F47	42
UNDERHILL FURNITURE	17030 AURORA AVE N	1/8 - 1/4S	F48	47
CLUB HOLLYWOOD CASINO	16716 AURORA AVENUE NOR	1/4 - 1/2S	J73	60

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

A review of the ICR list, as provided by EDR, and dated 12/01/2002 has revealed that there are 13 ICR sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
KEN EASLEYS OLDSMOBILE CADILLA	17545 AURORA AVENUE NOR	0 - 1/8 N	13	14
MEDICAL-DENTAL CLINIC	182ND / FREMONT N.	1/4 - 1/2NW	M80	64
CHEVRON - BILL'S	18425 AURORA AVE. N.	1/4 - 1/2N	O87	68

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
KEENER FOOD STORE PROPERTY	1121 N. 175TH ST.	0 - 1/8 E	B14	16
UNOCAL #4973	1150 N. 175TH	0 - 1/8 E	B23	23
BURKE PROPERTY / EXOTIC WHEELS	17248 RONALD PLACE N.	0 - 1/8 SSE	D25	26
TEXACO STATION 632320386	17255 AURORA AVENUE NOR	0 - 1/8 S	E35	32
CHUCK OLSON CHEVROLET INC 1703	17037 AURORA AVE N	1/8 - 1/4S	F47	42

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CAR-FI STEREO	16724 AURORA AVE. N.	1/4 - 1/2 S	J66	56
BLACK JACK CAFE	16716 AURORA AVE. N.	1/4 - 1/2 S	J71	59
FIRST INTERSTATE PROPERTY (TWO	16622 AURORA AVE. N.	1/4 - 1/2 S	N82	65
UNOCAL #4725	16510 AURORA AVE. N.	1/4 - 1/2 S	Q92	71
U HAUL CO OF N SEATTLE	16503 AURORA AVE N	1/4 - 1/2 S	Q94	72

Inactive Drycleaners: A listing of inactive drycleaner facility locations.

A review of the Inactive Drycleaners list, as provided by EDR, and dated 01/12/2006 has revealed that there are 2 Inactive Drycleaners 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>
GW CLEANERS	1112 N 183RD	1/4 - 1/2 N	L75	62

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
RON'S CLEANERS	16737 AURORA AVE N	1/4 - 1/2 S	J64	55

EDR PROPRIETARY RECORDS

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

A review of the EDR Historical Auto Stations list, as provided by EDR, has revealed that there are 20 EDR Historical Auto Stations 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>
STUBBS HIGHLANDS SERVICE	17505 AURORA AVE	0 - 1/8 N	A2	7
JOE S ARCO	17550 AURORA AVE	0 - 1/8 N	A7	10
GROVELAND SERVICE	17859 AURORA AVE	1/8 - 1/4 N	G52	50
SEARS SERVICE CENTER	18021 AURORA AVE	1/4 - 1/2 N	I60	53
SEELS ART AUTO SERV	18213 AURORA AVE	1/4 - 1/2 N	61	53
DENNY S GULL SERVICE STATION	18325 AURORA AVE	1/4 - 1/2 N	K69	58
LESLIE S AUTOMOTIVE	18326 AURORA AVE	1/4 - 1/2 N	K78	63
SPECIALTY AUTO REBUILD	715 N 182ND ST	1/4 - 1/2 NW	M79	63
BILL S CHEVRON SERVICE	18425 AURORA AVE	1/4 - 1/2 N	O88	68

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NELSON S CHEVRON SERVICE	1140 N 175TH ST	0 - 1/8 E	B19	19
HIGHLAND RADIATOR AND ELECTRIC	17246 N RONALD PL	0 - 1/8 SSE	D27	27
JIM S AUTO REPAIR INC	17244 N RONALD PL	0 - 1/8 SSE	D28	27
JIM AND SONS AUTO REPAIR INC	17244 N RONALD	0 - 1/8 SSE	D30	28
RANNEY S HIGHLAND SHELL	17255 AURORA AVE	0 - 1/8 S	E34	32
LARRY S TEXACO SERVICE	17212 AURORA AVE	1/8 - 1/4 S	E37	35
PHILLIPS AUTOMOTIVE SERVICE	17215 AURORA AVE	1/8 - 1/4 S	41	40
GERARD AUTO REBUILD	17038 AURORA AVE	1/8 - 1/4 S	F44	41

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HIGHLAND AUTO RADIATOR	16959 AURORA AVE	1/4 - 1/2 S	H55	51
JOE S FOREIGN CAR SERVICE	16955 AURORA AVE	1/4 - 1/2 S	H57	52
BOB S AURORA UNION	16510 AURORA AVE	1/4 - 1/2 S	Q93	72

EDR Historical Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

A review of the EDR Historical Cleaners list, as provided by EDR, has revealed that there are 8 EDR Historical Cleaners 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>
SUITE	1116 N 183D ST	1/4 - 1/2 N	L76	63
GATEWAY NORGE	1116 N 183RD ST	1/4 - 1/2 N	L77	63
LEATHER CLEAN LTD	18417 AURORA AVE	1/4 - 1/2 N	O84	66
MAC RAY INC	18419 AURORA AVE	1/4 - 1/2 N	O85	66

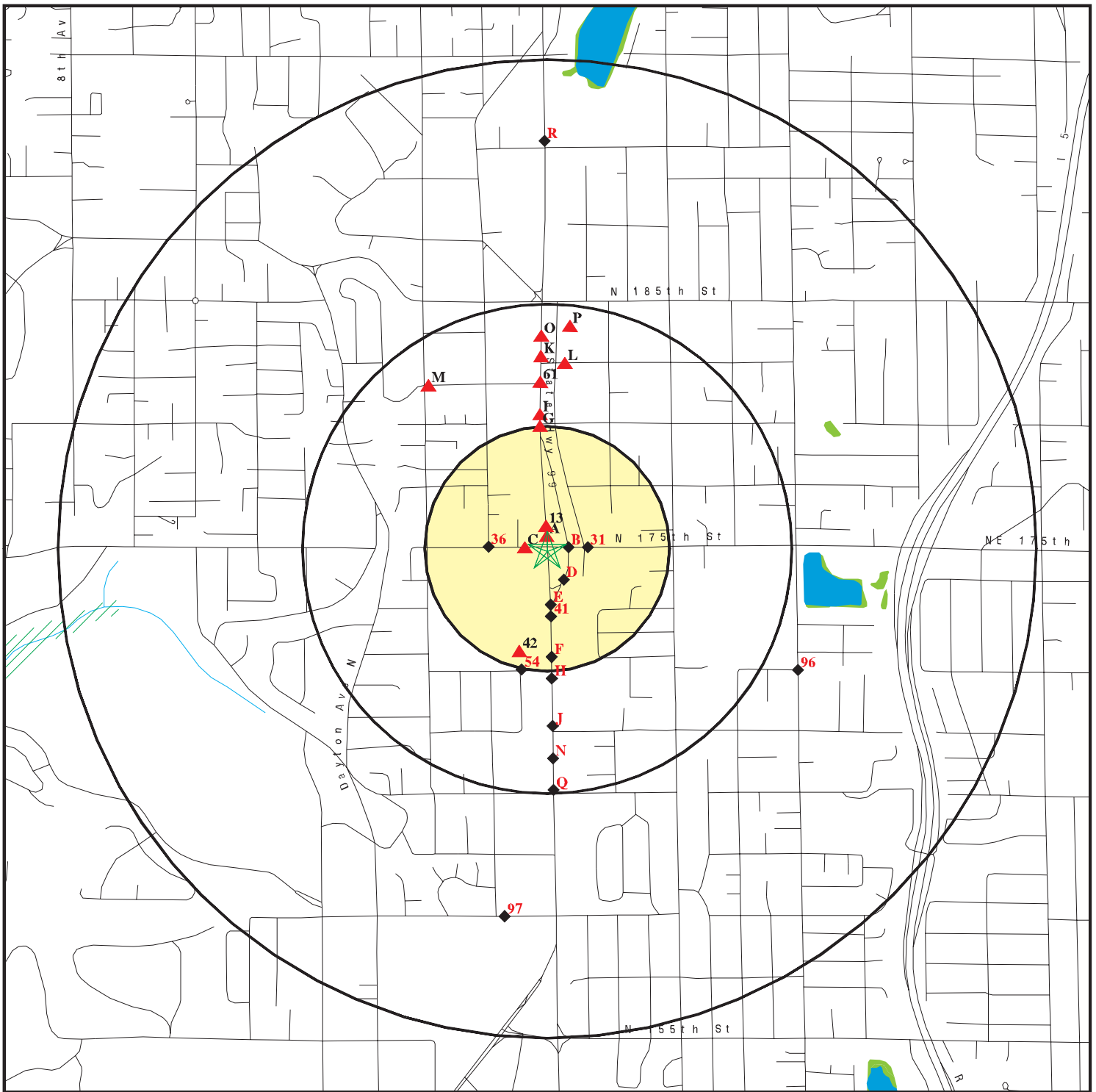
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LOUIE S FRENCH CLEANERS	1110 N 175TH ST	0 - 1/8 E	B12	14
JIM S DRY CLEANER S	17053 AURORA AVE	1/8 - 1/4 S	F43	41
RICHMOND HIGHLANDS LAUNDROMAT	17012 AURORA AVE	1/8 - 1/4 S	F50	48
RON S CLEANERS	16737 AURORA AVE	1/4 - 1/2 S	J63	54

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
BALLINGER CLEANERS	CSCSL
KING CO - HALLER LK LDFL	CERC-NFRAP
KING CO - FIRST NE (CORLISS AV) LDFL	CERC-NFRAP
MCMICKEN HEIGHTS	SWF/LF
RENTON JUNCTION (MONSTER ROAD)	SWF/LF
BOW LAKE ABANDONED LANDFILL	SWF/LF
CORLISS ABANDONED LANDFILL	SWF/LF
PUYALLUP/KIT CORNER ABANDONED LANDFILL	SWF/LF
WASTE MOBILE COLLECTIONS	SWF/LF
TOLT BACKWASH SOLIDS LANDFILL	SWF/LF
AUBURN (M & R STREET SITE)	SWF/LF
AUBURN (ROTARY PARK SITE)	SWF/LF
BOW LAKE	SWF/LF
CARTON & BORTH	SWF/LF
CORLISS LANDFILL	SWF/LF
EASTGATE ABANDONED LANDFILL	SWF/LF
ENUMCLAW	SWF/LF
FACTORIA PIT (SUNSET RAVINE PARK)	SWF/LF
H.H. OLESON	SWF/LF
HOUGHTON	SWF/LF
KENT ABANDONED LANDFILL (MILL CREEK CANYON PARK)	SWF/LF
NORTH BEND	SWF/LF
PACIFIC CITY	SWF/LF
PUYALLUP/KIT CORNER	SWF/LF
REDONDO PIT	SWF/LF
RENTON HIGHLANDS	SWF/LF
SKYKOMISH	SWF/LF
SUNSET PARK	SWF/LF
TUKWILA	SWF/LF
VASHON ISLAND	SWF/LF
HOUGHTON ABANDONED LANDFILL	SWF/LF
FALL CITY ABANDONED LANDFILL	SWF/LF
CITY OF SHORELINE PROJECT / CONTRACTOR	SPILLS
CITY OF SHORELINE	SPILLS
CITY OF SHORELINE	SPILLS
SEATTLE CITY LIGHT HAGGEN LEASE PNT	RCRA-SQG, FINDS
FOY RESIDENTIAL PROPERTIES	FINDS, VCP
PSE N SEATTLE GATE STATION	FINDS
SEATTLE CITY LIGHT HEGGEN LEASE PNT	ICR
RICHMOND HIGHLANDS WATER TANK	ICR
FOY RESIDENTIAL PROPERTIES	CSCSL NFA
WSDOT I-5 175TH ST TO 205TH ST	NPDES

OVERVIEW MAP - 1818306.6s



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

▨ National Priority List Sites

▨ Landfill Sites

▨ Dept. Defense Sites

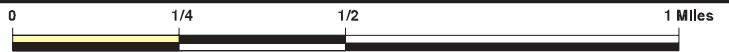
▨ Indian Reservations BIA

⚡ Oil & Gas pipelines

▨ 100-year flood zone

▨ 500-year flood zone

■ National Wetland Inventory

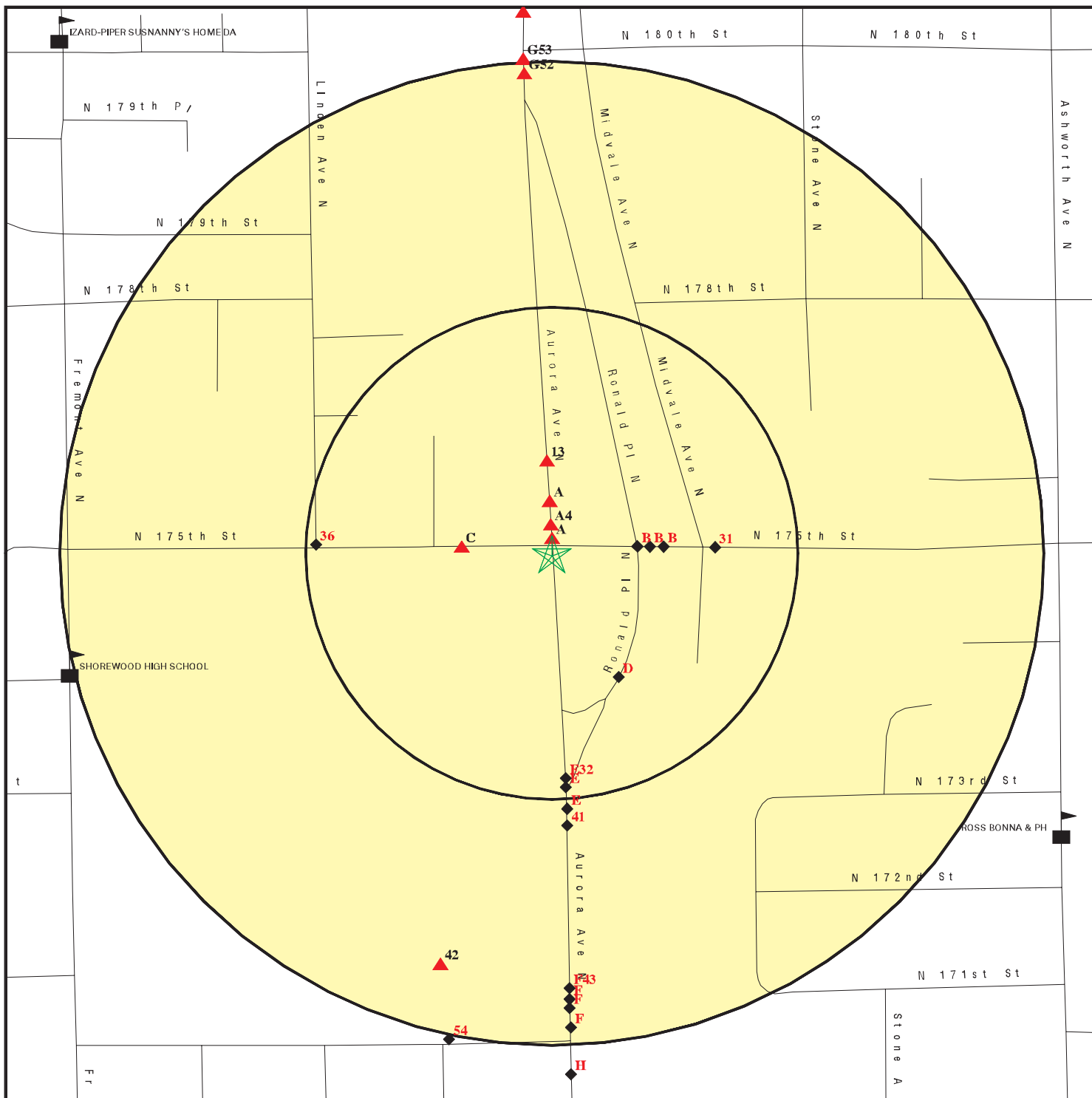


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Shoreline Aurora Ave N 175th St
 ADDRESS: Aurora Ave N/175th St
 Shoreline WA 98133
 LAT/LONG: 47.7559 / 122.3458

CLIENT: Jones & Stokes
 CONTACT: Evan Nelson
 INQUIRY #: 1818306.6s
 DATE: January 02, 2007 6:00 pm

DETAIL MAP - 1818306.6s



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

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



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

SITE NAME: Shoreline Aurora Ave N 175th St
 ADDRESS: Aurora Ave N/175th St
 Shoreline WA 98133
 LAT/LONG: 47.7559 / 122.3458

CLIENT: Jones & Stokes
 CONTACT: Evan Nelson
 INQUIRY #: 1818306.6s
 DATE: January 02, 2007 6:01 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY	TP		NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.500	0	0	0	NR	NR	0
RCRA Sm. Quan. Gen.		0.500	6	5	10	NR	NR	21
ERNS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
MINES		0.500	0	0	0	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
CSCSL		1.000	2	1	0	4	NR	7
HSL		1.000	0	0	0	0	NR	0
CSCSL NFA		0.500	5	2	3	NR	NR	10
State Landfill		0.500	0	0	0	NR	NR	0
SWTIRE		0.500	0	0	0	NR	NR	0
LUST		0.500	5	1	5	NR	NR	11
UST		0.500	12	3	12	NR	NR	27
AST		0.500	0	0	0	NR	NR	0
MANIFEST		0.500	1	3	1	NR	NR	5
SPILLS	TP		NR	NR	NR	NR	NR	0
INST CONTROL		0.500	0	1	0	NR	NR	1
VCP		0.500	5	3	2	NR	NR	10
ICR		0.500	5	1	7	NR	NR	13
DRYCLEANERS		0.500	0	0	0	NR	NR	0

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
BROWNFIELDS		0.500	0	0	0	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
WA Emissions	TP		NR	NR	NR	NR	NR	0
Inactive Drycleaners		0.500	0	0	2	NR	NR	2
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.500	0	0	0	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.500	7	4	9	NR	NR	20
EDR Historical Cleaners		0.500	1	2	5	NR	NR	8

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A1
North
< 1/8
41 ft.

CHEVRON 95777
5719 OLYMPIC HWY
ABERDEEN, WA 98520

UST **U001126770**
N/A

Site 1 of 7 in cluster A

Relative:
Equal

UST:

Actual:
465 ft.

Facility ID: 1139
 Site ID: 5196
Status: Removed
 Tank Name: 4
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 TO 1,100 Gallons
 Compartment #: 1
 Substance: Not reported
 Ecology Region: South Western
 Tank ID: 18806
 Compartment ID: 19084
 Decimal Latitude: 46.971209999999999
 Decimal Longitude: -123.71841000000001

Facility ID: 1139
 Site ID: 5196
Status: Removed
 Tank Name: 2
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: South Western
 Tank ID: 18871
 Compartment ID: 19152
 Decimal Latitude: 46.971209999999999
 Decimal Longitude: -123.71841000000001

Facility ID: 1139
 Site ID: 5196
Status: Removed
 Tank Name: 5
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 TO 1,100 Gallons
 Compartment #: 1
 Substance: Used Oil/Waste Oil
 Ecology Region: South Western
 Tank ID: 18746
 Compartment ID: 19024
 Decimal Latitude: 46.971209999999999
 Decimal Longitude: -123.71841000000001

Facility ID: 1139
 Site ID: 5196
Status: Removed
 Tank Name: 1
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: South Western
 Tank ID: 18705

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

CHEVRON 95777 (Continued)

EDR ID Number
 EPA ID Number

U001126770

Compartment ID: 18983
 Decimal Latitude: 46.971209999999999
 Decimal Longitude: -123.71841000000001

Facility ID: 1139
 Site ID: 5196
Status: Removed
 Tank Name: 3
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Leaded Gasoline
 Ecology Region: South Western
 Tank ID: 18650
 Compartment ID: 18928
 Decimal Latitude: 46.971209999999999
 Decimal Longitude: -123.71841000000001

A2
 North
 < 1/8
 41 ft.

STUBBS HIGHLANDS SERVICE
17505 AURORA AVE
SEATTLE, WA

EDR Historical Auto Stations

1009614597
N/A

Site 2 of 7 in cluster A

Relative:
Equal

EDR Historical Auto Stations:
 Name: STUBBS HIGHLANDS SERVICE
 Year: 1975
 Type: Gasoline Stations

Actual:
465 ft.

Name: STUBBS HIGHLANDS SERVICE
 Year: 1981
 Type: Gasoline Stations

A3
 North
 < 1/8
 41 ft.

SHORELINE FOOD & GAS
17505 AURORA AVE N
SEATTLE, WA 98133

UST

U004021369
N/A

Site 3 of 7 in cluster A

Relative:
Equal

UST:
 Facility ID: 99965678
 Site ID: 11390
Status: Operational
 Tank Name: 1
 Install Date: 3/1/1983 00:00:00
 Capacity: 10,000 to 19,999 Gallons
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: North Western
 Tank ID: 16429
 Compartment ID: 16672
 Decimal Latitude: 47.756306000000002
 Decimal Longitude: -122.346138999999999

Actual:
465 ft.

Facility ID: 99965678
 Site ID: 11390

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

SHORELINE FOOD & GAS (Continued)

EDR ID Number
 EPA ID Number

Database(s)

U004021369

Status: Operational
 Tank Name: 2
 Install Date: 3/1/1983 00:00:00
 Capacity: 10,000 to 19,999 Gallons
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: North Western
 Tank ID: 16373
 Compartment ID: 16616
 Decimal Latitude: 47.756306000000002
 Decimal Longitude: -122.34613899999999

Facility ID: 99965678
 Site ID: 11390
Status: Operational
 Tank Name: 3
 Install Date: 3/1/1983 00:00:00
 Capacity: 10,000 to 19,999 Gallons
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: North Western
 Tank ID: 16495
 Compartment ID: 16738
 Decimal Latitude: 47.756306000000002
 Decimal Longitude: -122.34613899999999

A4
 North
 < 1/8
 78 ft.

WALGREENS PROPOSED
 17524 AURORA AVE N
 SHORELINE, WA 98133

FINDS 1007994350
CSCSL NFA 110020663389
VCP

Site 4 of 7 in cluster A

Relative:
Equal

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Actual:
 465 ft.

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

CSCSL NFA:

Facility/Site Id: 2247584
 Ecology Status: Independent Remedial Action
 Program Plan Code: 4
 Independent Status Code: Final Independent RA Report received
 WARM Bin Number: Not reported
 NFA Code: NFA after Assesment IRAP or VCP
 NFA Date: 2/9/2006 00:00:00
 Latitude: 47.75628
 Longitude: -122.345618

VCP:

Facility ID: 2247584

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

WALGREENS PROPOSED (Continued)

1007994350

Ecology Status: Independent Remedial Action
 WARM BIN #: Not reported
 NFA Code: NFA after assessment, IRAP, or VCP
 Program Plan: 4

A5
North
< 1/8
141 ft.

TUNE N LUBE CORP
17550 AURORA AVE N
SEATTLE, WA 98133

RCRA-SQG **1000838251**
FINDS **WAD988510079**

Site 5 of 7 in cluster A

Relative:
Equal

RCRAInfo:
 Owner: TUNE N LUBE CORP
 EPA ID: WAD988510079
 Contact: Not reported
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

Actual:
465 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

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

A6
North
< 1/8
141 ft.

TUNE N LUBE CORPORATION
17550 AURORA AVENUE NORTH
SEATTLE, WA 98133

LUST **U000594889**
UST **N/A**

Site 6 of 7 in cluster A

Relative:
Equal

LUST:
 FS ID: 24982432
 Facility ID: 10817
 Release ID: 3341
 Alternate Name: TUNE N LUBE
 Release Notification Date: 5/20/1992 00:00:00
 Release Status Date: 6/1/1995 00:00:00
 Facility Status: Cleanup Started
 Affected Media: Soil

Actual:
465 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

TUNE N LUBE CORPORATION (Continued)

EDR ID Number
 EPA ID Number

Database(s)

U000594889

Site Response Unit Code: NW
 Lat/Long: 47.756149000000001 / -122.34711

UST:

Facility ID: 24982432
 Site ID: 10817
Status: Closure in Process
 Tank Name: 1
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 TO 1,100 Gallons
 Compartment #: 1
 Substance: Used Oil/Waste Oil
 Ecology Region: North Western
 Tank ID: 7692
 Compartment ID: 7826
 Decimal Latitude: 47.756149000000001
 Decimal Longitude: -122.34711

A7
 North
 < 1/8
 141 ft.

JOE S ARCO
 17550 AURORA AVE
 SEATTLE, WA

EDR Historical Auto Stations 1009614602
 N/A

Site 7 of 7 in cluster A

Relative:
Equal

EDR Historical Auto Stations:

Actual:
 465 ft.

Name: JOE S RICHFIELD
 Year: 1969
 Type: Gasoline Stations

 Name: JOE S ARCO
 Year: 1975
 Type: Gasoline Stations

B8
 East
 < 1/8
 230 ft.

PROPOSED TOP FOOD & DRUG
 175TH / RONALD PL
 SHORELINE, WA

CSCSL NFA S105831549
 VCP N/A

Site 1 of 13 in cluster B

Relative:
Lower

CSCSL NFA:

Actual:
 464 ft.

Facility/Site Id: 59241521
 Ecology Status: Independent Remedial Action
 Program Plan Code: 4
 Independent Status Code: Final Independent RA Report received
 WARM Bin Number: Not reported
 NFA Code: NFA after Assesment IRAP or VCP
 NFA Date: 12/13/2001 00:00:00
 Latitude: 47.755483
 Longitude: -122.344567

VCP:

Facility ID: 59241521
 Ecology Status: Independent Remedial Action
 WARM BIN #: Not reported
 NFA Code: NFA after assessment, IRAP, or VCP

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

PROPOSED TOP FOOD & DRUG (Continued)

S105831549

Program Plan: 4

C9
West
< 1/8
243 ft.

SHORELINE FIRE DEPARTMENT
1016 N 175TH
SEATTLE, WA 98133

LUST U003027321
UST N/A

Site 1 of 2 in cluster C

Relative:
Equal

LUST:
FS ID: 8541938
Facility ID: 532
Release ID: 3844
Alternate Name: SEATTLE CITY FIRE STATION # 61
Release Notification Date: 9/2/1992 00:00:00
Release Status Date: 6/1/1995 00:00:00
Facility Status: Cleanup Started
Affected Media: Soil
Site Response Unit Code: NW
Lat/Long: 47.755989999999997 / -122.3467

Actual:
465 ft.

FS ID: 8541938
Facility ID: 532
Release ID: 3844
Alternate Name: SEATTLE CITY FIRE STATION # 61
Release Notification Date: 9/2/1992 00:00:00
Release Status Date: 3/6/2001 00:00:00
Facility Status: Reported Cleaned Up
Affected Media: Soil
Site Response Unit Code: NW
Lat/Long: 47.755989999999997 / -122.3467

UST:

Facility ID: 8541938
Site ID: 532
Status: Removed
Tank Name: 2
Install Date: 10/4/1982 00:00:00
Capacity: 111 TO 1,100 Gallons
Compartment #: 1
Substance: Diesel
Ecology Region: North Western
Tank ID: 12809
Compartment ID: 13004
Decimal Latitude: 47.755989999999997
Decimal Longitude: -122.3467

Facility ID: 8541938
Site ID: 532
Status: Removed
Tank Name: 1
Install Date: 10/4/1982 00:00:00
Capacity: 1,101 to 2,000 Gallons
Compartment #: 1
Substance: Diesel
Ecology Region: North Western
Tank ID: 13091
Compartment ID: 13292

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SHORELINE FIRE DEPARTMENT (Continued)

U003027321

Decimal Latitude: 47.755989999999997
Decimal Longitude: -122.3467

Facility ID: 8541938
Site ID: 532
Status: Closed in Place
Tank Name: 4
Install Date: 12/31/1964 00:00:00
Capacity: 2,001 to 4,999 Gallons
Compartment #: 1
Substance: Leaded Gasoline
Ecology Region: North Western
Tank ID: 12941
Compartment ID: 13141
Decimal Latitude: 47.755989999999997
Decimal Longitude: -122.3467

Facility ID: 8541938
Site ID: 532
Status: Removed
Tank Name: 6
Install Date: 12/31/1964 00:00:00
Capacity: 111 TO 1,100 Gallons
Compartment #: 1
Substance: Used Oil/Waste Oil
Ecology Region: North Western
Tank ID: 12829
Compartment ID: 13027
Decimal Latitude: 47.755989999999997
Decimal Longitude: -122.3467

Facility ID: 8541938
Site ID: 532
Status: Removed
Tank Name: 5
Install Date: 1/1/1961 00:00:00
Capacity: 111 TO 1,100 Gallons
Compartment #: 1
Substance: Used Oil/Waste Oil
Ecology Region: North Western
Tank ID: 13074
Compartment ID: 13275
Decimal Latitude: 47.755989999999997
Decimal Longitude: -122.3467

Facility ID: 8541938
Site ID: 532
Status: Removed
Tank Name: 3
Install Date: 10/4/1982 00:00:00
Capacity: 111 TO 1,100 Gallons
Compartment #: 1
Substance: Unleaded Gasoline
Ecology Region: North Western
Tank ID: 13024
Compartment ID: 13225
Decimal Latitude: 47.755989999999997

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

SHORELINE FIRE DEPARTMENT (Continued)

U003027321

Decimal Longitude: -122.3467

C10
West
< 1/8
243 ft.

SHORELINE FIRE DEPARTMENT
1016 N 175TH ST
SEATTLE, WA 98133

RCRA-SQG 1001969560
FINDS WAD988513362

Site 2 of 2 in cluster C

Relative:
Equal

RCRAInfo:
 Owner: KING CNTY FIRE PROTECTION DIST NO 4
 (206)546-5716
 EPA ID: WAD988513362
 Contact: Not reported

Actual:
465 ft.

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

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

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B11
East
< 1/8
247 ft.

HIGHLAND PLAZA
1110 N 175TH ST
SHORELINE, WA 98133

FINDS 1007223757
CSCSL NFA 110016833774
VCP

Site 2 of 13 in cluster B

Relative:
Lower

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Actual:
464 ft.

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MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

HIGHLAND PLAZA (Continued)

1007223757

CSCSL NFA:

Facility/Site Id: 8020013
 Ecology Status: Independent Remedial Action
 Program Plan Code: 4
 Independent Status Code: Final Independent RA Report received
 WARM Bin Number: Not reported
 NFA Code: NFA after Assesment IRAP or VCP
 NFA Date: 5/28/2004 00:00:00
 Latitude: 47.756
 Longitude: -122.345278

VCP:

Facility ID: 8020013
 Ecology Status: Independent Remedial Action
 WARM BIN #: Not reported
 NFA Code: NFA after assessment, IRAP, or VCP
 Program Plan: 4

**B12
 East
 < 1/8
 247 ft.**

**LOUIE S FRENCH CLEANERS
 1110 N 175TH ST
 SEATTLE, WA**

EDR Historical Cleaners

**1009612556
 N/A**

Site 3 of 13 in cluster B

**Relative:
 Lower**

EDR Historical Cleaners:

Name: LOUIE S LAUNDRY
 Year: 1969
 Type: Laundries Self Serve

Name: N LOUIE S FRENCH CLEANERS
 Year: 1969
 Type: Cleaners And Dyers

Name: LOUIE S FRENCH CLEANERS
 Year: 1975
 Type: Cleaners And Dyers

Name: LOUIE S LAUNDRY
 Year: 1975
 Type: Laundries Self Serve

**13
 North
 < 1/8
 250 ft.**

**KEN EASLEYS OLDSMOBILE CADILLAC
 17545 AURORA AVENUE NORTH
 SHORELINE, WA 98133**

**RCRA-SQG
 FINDS
 UST
 CSCSL NFA
 ICR**

**1000172870
 WAD027459262**

**Relative:
 Equal**

**Actual:
 465 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

KEN EASLEYS OLDSMOBILE CADILLAC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000172870

RCRAInfo:

Owner: MIKE KARR
(206)546-4171
EPA ID: WAD027459262
Contact: Not reported
Classification: Small Quantity Generator
TSD Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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UST:

Facility ID: 33597945
Site ID: 1489
Status: Removed
Tank Name: 2
Install Date: 12/31/1964 00:00:00
Capacity: 111 TO 1,100 Gallons
Compartment #: 1
Substance: Used Oil/Waste Oil
Ecology Region: North Western
Tank ID: 19634
Compartment ID: 19919
Decimal Latitude: 47.339722222219997
Decimal Longitude: -122.34583333330001

Facility ID: 33597945
Site ID: 1489
Status: Removed
Tank Name: 1
Install Date: 12/31/1964 00:00:00
Capacity: 111 TO 1,100 Gallons
Compartment #: 1
Substance: Unleaded Gasoline
Ecology Region: North Western
Tank ID: 19904

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

KEN EASLEYS OLDSMOBILE CADILLAC (Continued)

1000172870

Compartment ID: 20192
Decimal Latitude: 47.33972222219997
Decimal Longitude: -122.3458333330001

CSCSL NFA:
Facility/Site Id: 33597945
Ecology Status: Awaiting Site Hazard Assessment
Program Plan Code: Not reported
Independent Status Code: Not reported
WARM Bin Number: Not reported
NFA Code: NFA after Assessment IRAP or VCP
NFA Date: 8/2/2002 00:00:00
Latitude: 47.33972222
Longitude: -122.3458333

ICR:
Date Ecology Received Report: / /
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Waste Management: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 95-12
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

B14 KEENER FOOD STORE PROPERTY
East 1121 N. 175TH ST.
< 1/8 SEATTLE, WA 98133
263 ft.

ICR S104486981
N/A

Relative:
Lower

Site 4 of 13 in cluster B

ICR:
Date Ecology Received Report: 03/09/1992
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 92-19
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Actual:
464 ft.

Date Ecology Received Report: 03/09/1992
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-19
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B15
East
< 1/8
263 ft.

MARTIN HOCHFELD
1121 NO 175TH
SEATTLE, WA 98133

LUST **U003025585**
N/A

Site 5 of 13 in cluster B

Relative:
Lower

LUST:

Actual:
464 ft.

FS ID: 45529511
Facility ID: 11450
Release ID: 2337
Alternate Name: KEENER FOOD STORE PROPERTY
Release Notification Date: 6/14/1991 00:00:00
Release Status Date: 6/1/1995 00:00:00
Facility Status: Reported Cleaned Up
Affected Media: Soil
Site Response Unit Code: NW
Lat/Long: 47.755789 / -122.34587000000001

FS ID: 45529511
Facility ID: 11450
Release ID: 2337
Alternate Name: KEENER FOOD STORE PROPERTY
Release Notification Date: 6/14/1991 00:00:00
Release Status Date: 6/14/1991 00:00:00
Facility Status: Cleanup Started
Affected Media: Soil
Site Response Unit Code: NW
Lat/Long: 47.755789 / -122.34587000000001

B16
East
< 1/8
263 ft.

MARTIN HOCHFELD
1121 NO 175TH
SEATTLE, WA 98133

UST **U004020953**
N/A

Site 6 of 13 in cluster B

Relative:
Lower

UST:

Actual:
464 ft.

Facility ID: 45529511
Site ID: 11450
Status: Removed
Tank Name: (1) 3000GAL
Install Date: 1/1/1984 00:00:00
Capacity: 2,001 to 4,999 Gallons
Compartment #: 1
Substance: Unleaded Gasoline
Ecology Region: North Western
Tank ID: 23056
Compartment ID: 23377
Decimal Latitude: 47.755789
Decimal Longitude: -122.34587000000001

Facility ID: 45529511
Site ID: 11450
Status: Removed
Tank Name: (2) 10000GAL
Install Date: 1/1/1984 00:00:00
Capacity: 10,000 to 19,999 Gallons
Compartment #: 1
Substance: Diesel
Ecology Region: North Western
Tank ID: 34866

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MARTIN HOCHFELD (Continued)

U004020953

Compartment ID: 35369
 Decimal Latitude: 47.755789
 Decimal Longitude: -122.34587000000001

B17
East
< 1/8
300 ft.

ROLAND D NELSON-NELSON'S CHEVRON
1140 NO 175TH ST
SEATTLE, WA 98133

UST U004020896
N/A

Site 7 of 13 in cluster B

Relative:
Lower

UST:

Actual:
464 ft.

Facility ID: 37619794
 Site ID: 146
Status: Removed
 Tank Name: UNL GAS
 Install Date: 12/31/1964 00:00:00
 Capacity: 2,001 to 4,999 Gallons
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: North Western
 Tank ID: 44084
 Compartment ID: 44701
 Decimal Latitude: 47.755789
 Decimal Longitude: -122.34564

Facility ID: 37619794
 Site ID: 146
Status: Removed
 Tank Name: 4 WASTE OIL
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 TO 1,100 Gallons
 Compartment #: 1
 Substance: Used Oil/Waste Oil
 Ecology Region: North Western
 Tank ID: 618379
 Compartment ID: 592676
 Decimal Latitude: 47.755789
 Decimal Longitude: -122.34564

Facility ID: 37619794
 Site ID: 146
Status: Removed
 Tank Name: SUP/UNL GAS
 Install Date: 12/31/1964 00:00:00
 Capacity: 5,000 to 9,999 Gallons
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: North Western
 Tank ID: 21694
 Compartment ID: 22005
 Decimal Latitude: 47.755789
 Decimal Longitude: -122.34564

Facility ID: 37619794
 Site ID: 146
Status: Removed
 Tank Name: REG GAS
 Install Date: 12/31/1964 00:00:00

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ROLAND D NELSON-NELSON'S CHEVRON (Continued)

U004020896

Capacity: 5,000 to 9,999 Gallons
 Compartment #: 1
 Substance: Leaded Gasoline
 Ecology Region: North Western
 Tank ID: 41813
 Compartment ID: 42400
 Decimal Latitude: 47.755789
 Decimal Longitude: -122.34564

B18
East
< 1/8
300 ft.

ROLAND D NELSON NELSONS CHEVRON
1140 N 175TH ST
SEATTLE, WA 98133

FINDS 1007071731
CSCSL NFA 110015483494
VCP

Site 8 of 13 in cluster B

Relative:
Lower

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Actual:
464 ft.

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CSCSL NFA:

Facility/Site Id: 37619794
 Ecology Status: Independent Remedial Action
 Program Plan Code: 4
 Independent Status Code: Final Independant RA Report received
 WARM Bin Number: Not reported
 NFA Code: NFA after Assesment IRAP or VCP
 NFA Date: 6/24/2004 00:00:00
 Latitude: 47.755789
 Longitude: -122.34564

VCP:

Facility ID: 37619794
 Ecology Status: Independent Remedial Action
 WARM BIN #: Not reported
 NFA Code: NFA after assessment, IRAP, or VCP
 Program Plan: 4

B19
East
< 1/8
300 ft.

NELSON S CHEVRON SERVICE
1140 N 175TH ST
SEATTLE, WA

EDR Historical Auto Stations 1009614029
N/A

Site 9 of 13 in cluster B

Relative:
Lower

EDR Historical Auto Stations:
 Name: HAUK S CHEVRON SERVICE
 Year: 1969
 Type: Gasoline Stations

Actual:
464 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

NELSON S CHEVRON SERVICE (Continued)

EDR ID Number
 EPA ID Number

1009614029

Name: HAUK S CHEVRON SERVICE
 Year: 1975
 Type: Gasoline Stations

Name: NELSON S CHEVRON SERVICE
 Year: 1981
 Type: Gasoline Stations

**B20
 East
 < 1/8
 317 ft.**

**UNOCAL 4973
 1150 N 175TH ST
 SEATTLE, WA 98133**

**CSCSL S104320397
 N/A**

Site 10 of 13 in cluster B

**Relative:
 Lower**

CSCSL:

**Actual:
 464 ft.**

Facility ID: 57163888
 warm_bin_n: Not reported
 Prog plan code: 4
 Latitude: 47.755789
 Longitude: -122.34553
 Lat/Long: 47.755789 / -122.34553
 Lat/Long (dms): 47 45 20.84 / 122 20 43.89999999999999
 Media ID: 5720
 Media Type Desc: Soil
 Media Status Desc: Confirmed
 Affected Media: Soil
 Affected Media Status: C
 Pesticides: Not reported
 Petroleum Products: Confirmed above MTCA cleanup levels
 Phenolic Compounds: Not reported
 Reactive Wastes: Not reported
 Corrosive Wastes: Not reported
 Radioactive Wastes: Not reported
 Asbestos: Not reported
 Responsible Unit: Northwest Region
 Arsenic Code: Not reported
 MTBE Code: Not reported
 UXO Code: Not reported
 Dioxin: Not reported
 Non-Halogenated Solvents: Not reported
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Not reported
 EPA Priority Pollutants - Metals and Cyanide: Not reported
 Metals - Other non-priority pollutant medals: Not reported
 Polychlorinated biPhenyls (PCBs): Not reported
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported
 Conventional Contaminants, Organic: Not reported
 Conventional Contaminants, Inorganic: Not reported
 Tributyl Tin Contaminant Group: Not reported
 Bioassay/Benthic Failures Contaminant Group: Not reported
 Wood Debris Contaminant Group: Not reported
 Other Deleterious Substance Group: Not reported
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 57163888
 warm_bin_n: Not reported
 Prog plan code: 4

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

UNOCAL 4973 (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S104320397

Latitude: 47.755789
 Longitude: -122.34553
 Lat/Long: 47.755789 / -122.34553
 Lat/Long (dms): 47 45 20.84 / 122 20 43.899999999999999
 Media ID: 5386
 Media Type Desc: Groundwater
 Media Status Desc: Confirmed
 Affected Media: Ground Water
 Affected Media Status: C
 Pesticides: Not reported
 Petroleum Products: Confirmed above MTCA cleanup levels
 Phenolic Compounds: Not reported
 Reactive Wastes: Not reported
 Corrosive Wastes: Not reported
 Radioactive Wastes: Not reported
 Asbestos: Not reported
 Responsible Unit: Northwest Region
 Arsenic Code: Not reported
 MTBE Code: Not reported
 UXO Code: Not reported
 Dioxin: Not reported
 Non-Halogenated Solvents: Not reported
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Not reported
 EPA Priority Pollutants - Metals and Cyanide: Not reported
 Metals - Other non-priority pollutant medals: Not reported
 Polychlorinated biPhenyls (PCBs): Not reported
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported
 Conventional Contaminants, Organic: Not reported
 Conventional Contaminants, Inorganic: Not reported
 Tertiary Butyl Tin Contaminant Group: Not reported
 Bioassay/Benthic Failures Contaminant Group: Not reported
 Wood Debris Contaminant Group: Not reported
 Other Deleterious Substance Group: Not reported
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

**B21
 East
 < 1/8
 317 ft.**

**UNOCAL 4973
 1150 N 175TH ST
 SEATTLE, WA 98133**

**FINDS 1007068476
 VCP 110015450750**

Site 11 of 13 in cluster B

**Relative:
 Lower**

FINDS:
 Other Pertinent Environmental Activity Identified at Site

**Actual:
 464 ft.**

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VCP:
 Facility ID: 57163888

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNOCAL 4973 (Continued)

1007068476

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

Facility ID: 57163888
Ecology Status: Independent Remedial Action
WARM BIN #: Not reported
NFA Code: Not reported
Program Plan: 4

B22
East
< 1/8
317 ft.

UNION 4973
1150 N 175TH
SEATTLE, WA 98133

LUST U001125492
UST N/A

Site 12 of 13 in cluster B

Relative:
Lower

LUST:

Actual:
464 ft.

FS ID: 57163888
Facility ID: 8518
Release ID: 4097
Alternate Name: UNOCAL STATION # 4973
Release Notification Date: 11/13/1992 00:00:00
Release Status Date: 6/1/1995 00:00:00
Facility Status: Cleanup Started
Affected Media: Ground Water
Site Response Unit Code: NW
Lat/Long: 47.755789 / -122.34553

FS ID: 57163888
Facility ID: 8518
Release ID: 4097
Alternate Name: UNOCAL STATION # 4973
Release Notification Date: 11/13/1992 00:00:00
Release Status Date: 6/1/1995 00:00:00
Facility Status: Cleanup Started
Affected Media: Soil
Site Response Unit Code: NW
Lat/Long: 47.755789 / -122.34553

UST:

Facility ID: 57163888
Site ID: 8518
Status: Removed
Tank Name: 1
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Compartment #: 1
Substance: Unleaded Gasoline
Ecology Region: North Western
Tank ID: 12598
Compartment ID: 12793
Decimal Latitude: 47.755789
Decimal Longitude: -122.34553

Facility ID: 57163888
Site ID: 8518

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

UNION 4973 (Continued)

U001125492

Status: Removed
Tank Name: 4
Install Date: 12/31/1964 00:00:00
Capacity: 111 TO 1,100 Gallons
Compartment #: 1
Substance: Used Oil/Waste Oil
Ecology Region: North Western
Tank ID: 12676
Compartment ID: 12871
Decimal Latitude: 47.755789
Decimal Longitude: -122.34553

Facility ID: 57163888
Site ID: 8518
Status: Removed
Tank Name: 2
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Compartment #: 1
Substance: Leaded Gasoline
Ecology Region: North Western
Tank ID: 12754
Compartment ID: 12949
Decimal Latitude: 47.755789
Decimal Longitude: -122.34553

Facility ID: 57163888
Site ID: 8518
Status: Removed
Tank Name: 3
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Compartment #: 1
Substance: Not reported
Ecology Region: North Western
Tank ID: 12469
Compartment ID: 12662
Decimal Latitude: 47.755789
Decimal Longitude: -122.34553

B23
East
< 1/8
317 ft.

UNOCAL #4973
1150 N. 175TH
SEATTLE, WA 98133

ICR S104487910
N/A

Relative:
Lower

Site 13 of 13 in cluster B

ICR:
Date Ecology Received Report: 11/05/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-18
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Actual:
464 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

UNOCAL #4973 (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S104487910

Date Ecology Received Report: 08/16/1995
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Groundwater, Soil
 Waste Management: Tank
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 94-07
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Date Ecology Received Report: 11/13/1992
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Groundwater, Soil
 Waste Management: Tank
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 92-38
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

**D24
 SSE
 < 1/8
 377 ft.**

**BURKE PROPERTY
 17248 RONALD PL N
 SEATTLE, WA 98133**

**CSCSL S102363857
 N/A**

Site 1 of 7 in cluster D

**Relative:
 Lower**

CSCSL:

**Actual:
 464 ft.**

Facility ID: 2476
 warm_bin_n: Not reported
 Prog plan code: Not reported
 Latitude: 47.754820000000002
 Longitude: -122.34557
 Lat/Long: 47.754820000000002 / -122.34557
 Lat/Long (dms): 47 45 17.350000000000001 / 122 20 44.050000000000004
 Media ID: 3645
 Media Type Desc: Groundwater
 Media Status Desc: Suspected
 Affected Media: Ground Water
 Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
 Pesticides: Not reported
 Petroleum Products: Suspected to be present
 Phenolic Compounds: Not reported
 Reactive Wastes: Not reported
 Corrosive Wastes: Not reported
 Radioactive Wastes: Not reported
 Asbestos: Not reported
 Responsible Unit: Northwest Region
 Arsenic Code: Not reported
 MTBE Code: Not reported
 UXO Code: Not reported
 Dioxin: Not reported
 Non-Halogenated Solvents: Suspected to be present
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: S

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

BURKE PROPERTY (Continued)

S102363857

EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Tibutyl Tin Contaminant Group: Not reported
Bioassay/Benthic Failures Contaminant Group: Not reported
Wood Debris Contaminant Group: Not reported
Other Deleterious Substance Group: Not reported
Ecology Site Status (MTCA cleanup process): Independent Remedial Action
Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

Facility ID: 2476
warm_bin_n: Not reported
Prog plan code: Not reported
Latitude: 47.754820000000002
Longitude: -122.34557
Lat/Long: 47.754820000000002 / -122.34557
Lat/Long (dms): 47 45 17.350000000000001 / 122 20 44.050000000000004
Media ID: 3646
Media Type Desc: Surface Water
Media Status Desc: Suspected
Affected Media: Surface Water
Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

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

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

Facility ID: 2476
warm_bin_n: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BURKE PROPERTY (Continued)

S102363857

Prog plan code: Not reported
 Latitude: 47.754820000000002
 Longitude: -122.34557
 Lat/Long: 47.754820000000002 / -122.34557
 Lat/Long (dms): 47 45 17.350000000000001 / 122 20 44.050000000000004
 Media ID: 3647
 Media Type Desc: Soil
 Media Status Desc: Confirmed
 Affected Media: Soil
 Affected Media Status: C
 Pesticides: Not reported
 Petroleum Products: Confirmed above MTCA cleanup levels
 Phenolic Compounds: Not reported
 Reactive Wastes: Not reported
 Corrosive Wastes: Not reported
 Radioactive Wastes: Not reported
 Asbestos: Not reported
 Responsible Unit: Northwest Region
 Arsenic Code: Not reported
 MTBE Code: Not reported
 UXO Code: Not reported
 Dioxin: Not reported
 Non-Halogenated Solvents: Confirmed above MTCA cleanup levels
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: C
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
 Metals - Other non-priority pollutant medals: Not reported
 Polychlorinated biPhenyls (PCBs): Not reported
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported
 Conventional Contaminants, Organic: Not reported
 Conventional Contaminants, Inorganic: Not reported
 Tributyl Tin Contaminant Group: Not reported
 Bioassay/Benthic Failures Contaminant Group: Not reported
 Wood Debris Contaminant Group: Not reported
 Other Deleterious Substance Group: Not reported
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action
 Independent Site Status (independent cleanup): Independent Site Assessment of Interim Remedial Action Report received

**D25
 SSE
 < 1/8
 377 ft.**

**BURKE PROPERTY / EXOTIC WHEELS (TWO REPORTS)
 17248 RONALD PLACE N.
 SEATTLE, WA 98133**

**ICR S104486122
 N/A**

Site 2 of 7 in cluster D

**Relative:
 Lower**

ICR:
 Date Ecology Received Report: 08/19/1993
 Contaminants Found at Site: Total petroleum hydrocarbons, Metals, Volatile Organic Compounds
 Media Contaminated: Soil
 Waste Management: Not reported
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 93-10
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

**Actual:
 464 ft.**

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

D26
SSE
 < 1/8
 377 ft.

RICHMOND HEIGHTS AUTO SVC
17248 RONALD PL N AUTO
SEATTLE, WA 98133

RCRA-SQG **1000659026**
FINDS **WAD988486882**

Site 3 of 7 in cluster D

Relative:
Lower

RCRAInfo:
 Owner: RICHMOND HEIGHTS AUTO SVC
 EPA ID: WAD988486882
 Contact: MICHAEL TOOLEY
 (206) 542-5025

Actual:
 464 ft.

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

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

D27
SSE
 < 1/8
 379 ft.

HIGHLAND RADIATOR AND ELECTRIC
17246 N RONALD PL
SEATTLE, WA

EDR Historical Auto Stations **1009614570**
N/A

Site 4 of 7 in cluster D

Relative:
Lower

EDR Historical Auto Stations:
 Name: HIGHLAND RADIATOR AND ELECTRIC
 Year: 1981
 Type: Automobile Radiator Repairers

Actual:
 464 ft.

D28
SSE
 < 1/8
 381 ft.

JIM S AUTO REPAIR INC
17244 N RONALD PL
SEATTLE, WA

EDR Historical Auto Stations **1009614568**
N/A

Site 5 of 7 in cluster D

Relative:
Lower

EDR Historical Auto Stations:
 Name: JIM S AUTO REPAIR INC
 Year: 1981
 Type: Automobile Repairing

Actual:
 464 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

D29
SSE
 < 1/8
 381 ft.

RANDY REPAIRS
17244 RONALD PL N
SEATTLE, WA 98133

RCRA-SQG **1000193824**
FINDS **WAD981769326**

Site 6 of 7 in cluster D

Relative:
Lower

RCRAInfo:

Owner: RANDY REPAIRS
 EPA ID: WAD981769326

Actual:
 464 ft.

Contact: RANDY BURKE
 (206) 542-6356

Classification: Small Quantity Generator
 TSD Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

D30
SSE
 < 1/8
 381 ft.

JIM AND SONS AUTO REPAIR INC
17244 N RONALD
SEATTLE, WA

EDR Historical Auto Stations **1009614569**
N/A

Site 7 of 7 in cluster D

Relative:
Lower

EDR Historical Auto Stations:

Name: JIM AND SONS AUTO REPAIR INC

Actual:
 464 ft.

Year: 1975

Type: Automobile Repairing

31
East
 < 1/8
 438 ft.

KEENER QUALITY FOODS
1215 N 175TH ST
SEATTLE, WA 98133

UST **U001128229**
N/A

Relative:
Lower

UST:

Facility ID: 67364822
 Site ID: 101144
Status: Removed
 Tank Name: 1
 Install Date: 12/31/1964 00:00:00
 Capacity: 2,001 to 4,999 Gallons
 Compartment #: 1
 Substance: Leaded Gasoline
 Ecology Region: North Western
 Tank ID: 19329
 Compartment ID: 19612
 Decimal Latitude: 47.75579900000003

Actual:
 464 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

KEENER QUALITY FOODS (Continued)

U001128229

Decimal Longitude: -122.34471000000001

Facility ID: 67364822
Site ID: 101144
Status: Removed
Tank Name: 2
Install Date: 12/31/1964 00:00:00
Capacity: 10,000 to 19,999 Gallons
Compartment #: 1
Substance: Leaded Gasoline
Ecology Region: North Western
Tank ID: 19468
Compartment ID: 19753
Decimal Latitude: 47.755799000000003
Decimal Longitude: -122.34471000000001

E32
South
< 1/8
605 ft.

AURORA RENTS INC
17244 AURORA AVE N
SEATTLE, WA 98133

UST U000589453
N/A

Relative:
Lower

Site 1 of 8 in cluster E

Actual:
464 ft.

UST:
Facility ID: 1948477
Site ID: 4634
Status: Closed in Place
Tank Name: 4DRAIN
Install Date: 1/1/1955 00:00:00
Capacity: 111 TO 1,100 Gallons
Compartment #: 1
Substance: Used Oil/Waste Oil
Ecology Region: North Western
Tank ID: 36472
Compartment ID: 36991
Decimal Latitude: 47.754398999999999
Decimal Longitude: -122.34701

Facility ID: 1948477
Site ID: 4634
Status: Removed
Tank Name: 3DIESEL
Install Date: 1/1/1981 00:00:00
Capacity: 111 TO 1,100 Gallons
Compartment #: 1
Substance: Not reported
Ecology Region: North Western
Tank ID: 31747
Compartment ID: 32203
Decimal Latitude: 47.754398999999999
Decimal Longitude: -122.34701

Facility ID: 1948477
Site ID: 4634
Status: Removed
Tank Name: 2KERO
Install Date: 1/1/1981 00:00:00
Capacity: 111 TO 1,100 Gallons
Compartment #: 1

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AURORA RENTS INC (Continued)

U000589453

Substance: Kerosene
Ecology Region: North Western
Tank ID: 24929
Compartment ID: 25269
Decimal Latitude: 47.754398999999999
Decimal Longitude: -122.34701

Facility ID: 1948477
Site ID: 4634
Status: Removed
Tank Name: 1GAS
Install Date: 1/1/1989 00:00:00
Capacity: Not reported
Compartment #: 1
Substance: Leaded Gasoline
Ecology Region: North Western
Tank ID: 29407
Compartment ID: 29821
Decimal Latitude: 47.754398999999999
Decimal Longitude: -122.34701

E33
South
< 1/8
628 ft.

HIGHLAND TEXACO
17255 AURORA AVE N
SHORELINE, WA 98133

LUST U003026569
UST N/A

Site 2 of 8 in cluster E

Relative:
Lower

LUST:
FS ID: 79631686
Facility ID: 3303
Release ID: 5482
Alternate Name: TEXACO STATION # 63 232 0386
Release Notification Date: 7/15/1994 00:00:00
Release Status Date: 6/1/1995 00:00:00
Facility Status: Cleanup Started
Affected Media: Soil
Site Response Unit Code: NW
Lat/Long: 47.7547 / -122.3458

Actual:
464 ft.

FS ID: 79631686
Facility ID: 3303
Release ID: 5482
Alternate Name: TEXACO STATION # 63 232 0386
Release Notification Date: 7/15/1994 00:00:00
Release Status Date: 6/1/1995 00:00:00
Facility Status: Cleanup Started
Affected Media: Soil
Site Response Unit Code: NW
Lat/Long: 47.7547 / -122.3458

UST:

Facility ID: 79631686
Site ID: 3303
Status: Removed
Tank Name: 1
Install Date: 1/1/1983 00:00:00
Capacity: 10,000 to 19,999 Gallons

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HIGHLAND TEXACO (Continued)

U003026569

Compartment #: 1
Substance: Unleaded Gasoline
Ecology Region: North Western
Tank ID: 40632
Compartment ID: 41205
Decimal Latitude: 47.7547
Decimal Longitude: -122.3458

Facility ID: 79631686
Site ID: 3303
Status: Removed
Tank Name: 2
Install Date: 1/1/1983 00:00:00
Capacity: 10,000 to 19,999 Gallons
Compartment #: 1
Substance: Unleaded Gasoline
Ecology Region: North Western
Tank ID: 40715
Compartment ID: 41288
Decimal Latitude: 47.7547
Decimal Longitude: -122.3458

Facility ID: 79631686
Site ID: 3303
Status: Operational
Tank Name: 1-A
Install Date: 1/22/2003 00:00:00
Capacity: 10,000 to 19,999 Gallons
Compartment #: 1
Substance: Unleaded Gasoline
Ecology Region: North Western
Tank ID: 618343
Compartment ID: 592619
Decimal Latitude: 47.7547
Decimal Longitude: -122.3458

Facility ID: 79631686
Site ID: 3303
Status: Operational
Tank Name: 2-A
Install Date: 1/22/2003 00:00:00
Capacity: 10,000 to 19,999 Gallons
Compartment #: 1
Substance: Unleaded Gasoline
Ecology Region: North Western
Tank ID: 618344
Compartment ID: 592621
Decimal Latitude: 47.7547
Decimal Longitude: -122.3458

Facility ID: 79631686
Site ID: 3303
Status: Operational
Tank Name: 1-A
Install Date: 1/22/2003 00:00:00
Capacity: 10,000 to 19,999 Gallons
Compartment #: 2

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HIGHLAND TEXACO (Continued)

U003026569

Substance: Diesel
 Ecology Region: North Western
 Tank ID: 618343
 Compartment ID: 592620
 Decimal Latitude: 47.7547
 Decimal Longitude: -122.3458

Facility ID: 79631686
 Site ID: 3303
Status: Removed
 Tank Name: 3
 Install Date: 1/1/1983 00:00:00
 Capacity: 10,000 to 19,999 Gallons
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: North Western
 Tank ID: 40638
 Compartment ID: 41211
 Decimal Latitude: 47.7547
 Decimal Longitude: -122.3458

E34
 South
 < 1/8
 628 ft.

RANNEY S HIGHLAND SHELL
 17255 AURORA AVE
 SEATTLE, WA

EDR Historical Auto Stations 1009614574
 N/A

Site 3 of 8 in cluster E

Relative:
Lower

EDR Historical Auto Stations:
 Name: RICHMOND HIGHLANDS SHELL SERVICE
 Year: 1969
 Type: Gasoline Stations

Name: RANNEY S HIGHLAND SHELL
 Year: 1975
 Type: Gasoline Stations

Name: RANNEY S HIGHLAND SHELL
 Year: 1981
 Type: Gasoline Stations

Actual:
 464 ft.

E35
 South
 < 1/8
 628 ft.

TEXACO STATION 632320386
 17255 AURORA AVENUE NORTH
 SHORELINE, WA 98133

RCRA-SQG 1000660694
FINDS WAD988503819
WA MANIFEST ICR

Site 4 of 8 in cluster E

Relative:
Lower

Actual:
 464 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

TEXACO STATION 632320386 (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000660694

RCRAInfo:

Owner: EQUILION ENTERPRISES LLC DBA SHELL OIL P
 (425)827-0761
 EPA ID: WAD988503819
 Contact: Not reported
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

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

WA MANIFEST:

Facility Site ID Number:	79631686
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TEXACO STATION 632320386 (Continued)

1000660694

Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
EPA ID: WAD988503819
Facility Address 2: Not reported
TAX REG NBR: 409019185
NAICS CD: 44711
BUSINESS TYPE: Not reported
MAIL NAME: Shell Oil Products US
MAIL ADDR LINE1: 12700 NORTHBOROUGH DR
MAIL ADDR LINE2: NOB 300G03 - Nora Cortez
MAIL CITY,ST,ZIP: HOUSTON, TX 77067-2508
MAIL COUNTRY: UNITED STATES
LEGAL ORG NAME: Equilon Enterprises LLC dba Shell Oil Pr
LEGAL ORG TYPE: Private
LEGAL ADDR LINE1: PO BOX 4453
LEGAL ADDR LINE2: NOB #300G03
LEGAL CITY,ST,ZIP: HOUSTON, TX 77210-4453
LEGAL COUNTRY: UNITED STATES
LEGAL PHONE NBR: 2818742224
LEGAL EFFECTIVE DATE: 08/01/98
LAND ORG NAME: Equilon Enterprises LLC dba Shell Oil Pr
LAND ORG TYPE: Private
LAND PERSON NAME: Not reported
LAND ADDR LINE1: PO BOX 4453
LAND ADDR LINE2: NOB #300G03
LAND CITY,ST,ZIP: HOUSTON, TX 77210-4453
LAND COUNTRY: UNITED STATES
LAND PHONE NBR: 2818742224
OPERATOR ORG NAME: Equilon Enterprises LLC dba Shell Oil P
OPERATOR ORG TYPE: Private
OPERATOR ADDR LINE1: PO BOX 4453
OPERATOR ADDR LINE2: NOB #300G03
OPERATOR CITY,ST,ZIP: HOUSTON, TX 77210-4453
OPERATOR COUNTRY: UNITED STATES
OPERATOR PHONE NBR: (206) 255-9018
OPERATOR EFFECTIVE DATE: 08/12/96
SITE CONTACT NAME: KARY E HAQ
SITE CONTACT ADDR LINE1: 603 E. DIEHLE ROAD
SITE CONTACT ADDR LINE2: #103
SITE CONTACT ZIP: NAPERVILLE, IL 60439
SITE CONTACT COUNTRY: UNITED STATES
SITE CONTACT PHONE NBR: (206) 281-1213
SITE CONTACT EMAIL: KARY.HAQ@SHELL.COM
FORM CONTACT NAME: Nora Cortez
FORM CONTACT ADDR LINE1: 12700 NORTHBOROUGH DR
FORM CONTACT ADDR LINE2: NOB #300G03
FORM CONTACT CITY,ST,ZIP: HOUSTON, TX 77067-2508
FORM CONTACT COUNTRY: UNITED STATES
FORM CONTACT PHONE NBR: 2818742224
FORM CONTACT EMAIL: NORA.CORTEZ@SHELL.COM
GEN STATUS CD: XQG
MONTHLY GENERATION: False
BATCH GENERATION: False
ONE TIME GENERATION: False
TRANSPORTS OWN WASTE: False
TRANSPORTS OTHRS WASTE: False
RECYCLER ONSITE: False

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

TEXACO STATION 632320386 (Continued)

1000660694

TRANSFER FACILITY: False
 OTHER EXEMPTION: Not reported
 UW BATTERY GEN: False
 USED OIL TRANSPORTER: False
 USED OIL TRANSFER FACILITY: False
 USED OIL PROCESSOR: False
 USED OIL REREFINER: False
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: False
 USED OIL FUEL MRKTR MEETS SPECS: False

ICR:

Date Ecology Received Report: 07/15/1994
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Groundwater, Soil
 Waste Management: Tank
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 93-36
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

**36
 West
 < 1/8
 634 ft.**

**RONALD SEWER DISTRICT
 17505 LINDEN AVE NORTH PO BOX 33490
 SEATTLE, WA 98133**

**UST U003604591
 N/A**

**Relative:
 Lower**

UST:

Facility ID: 2745591
 Site ID: 97256
Status: Removed
 Tank Name: 1
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: North Western
 Tank ID: 7101
 Compartment ID: 7230
 Decimal Latitude: 47.755848999999998
 Decimal Longitude: -122.34967

**Actual:
 463 ft.**

**E37
 South
 1/8-1/4
 687 ft.**

**LARRY S TEXACO SERVICE
 17212 AURORA AVE
 SEATTLE, WA**

**EDR Historical Auto Stations 1009614564
 N/A**

Site 5 of 8 in cluster E

**Relative:
 Lower**

EDR Historical Auto Stations:

Name: WEIDENHOPT DAVE TEXACO SERVICE
 Year: 1969
 Type: Gasoline Stations

 Name: LARRY S TEXACO SERVICE
 Year: 1975
 Type: Gasoline Stations

**Actual:
 464 ft.**

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

E38
South
1/8-1/4
687 ft.

HORTONS CANOPY
17212 AURORA AVE N
SHORELINE, WA 98155

CSCSL **1007453333**
FINDS **110017742781**
VCP

Site 6 of 8 in cluster E

Relative:
Lower

CSCSL:

Actual:
464 ft.

Facility ID: 2480187
 warm_bin_n: Not reported
 Prog plan code: 4
 Latitude: 47.754361000000003
 Longitude: -122.345556
 Lat/Long: 47.754361000000003 / -122.345556
 Lat/Long (dms): 47 45 15.6996000000106 / 122 20 44.001600000007102
 Media ID: 10412
 Media Type Desc: Soil
 Media Status Desc: Confirmed
 Affected Media: Soil
 Affected Media Status: C
 Pesticides: Not reported
 Petroleum Products: Confirmed above MTCA cleanup levels
 Phenolic Compounds: Not reported
 Reactive Wastes: Not reported
 Corrosive Wastes: Not reported
 Radioactive Wastes: Not reported
 Asbestos: Not reported
 Responsible Unit: Northwest Region
 Arsenic Code: Not reported
 MTBE Code: Not reported
 UXO Code: Not reported
 Dioxin: Not reported
 Non-Halogenated Solvents: Confirmed above MTCA cleanup levels
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Not reported
 EPA Priority Pollutants - Metals and Cyanide: Not reported
 Metals - Other non-priority pollutant medals: Not reported
 Polychlorinated biPhenyls (PCBs): Not reported
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported
 Conventional Contaminants, Organic: Not reported
 Conventional Contaminants, Inorganic: Not reported
 Tributyl Tin Contaminant Group: Not reported
 Bioassay/Benthic Failures Contaminant Group: Not reported
 Wood Debris Contaminant Group: Not reported
 Other Deleterious Substance Group: Not reported
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

FINDS:

Other Pertinent Environmental Activity Identified at Site

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Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HORTONS CANOPY (Continued)

EDR ID Number
 EPA ID Number

1007453333

VCP:

Facility ID: 2480187
 Ecology Status: Independent Remedial Action
 WARM BIN #: Not reported
 NFA Code: Not reported
 Program Plan: 4

E39
South
1/8-1/4
704 ft.

CARTER SUBARU
17225 AURORA AVE N
SEATTLE, WA 98133

RCRA-SQG **1004794327**
FINDS **WAD988506093**
WA MANIFEST

Site 7 of 8 in cluster E

Relative:
Lower

Actual:
464 ft.

RCRAInfo:
 Owner: CARTER SUBARU
 (206)542-1166
 EPA ID: WAD988506093
 Contact: Not reported
 Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

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WA MANIFEST:

Facility Site ID Number: 52411745
 Permit by Rule: False
 Treatment by Generator: False
 Mixed radioactive waste: False
 Importer of hazardous waste: False
 Immediate recycler: False
 Treatment/Storage/Disposal/Recycling Facility: False
 Generator of dangerous fuel waste: False
 Generator marketing to burner: False
 "Other marketers (i.e., blender, distributor, etc.)": False
 Utility boiler burner: False
 Industry boiler burner: False

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CARTER SUBARU (Continued)

1004794327

Industrial Furnace: False
Smelter deferral: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
EPA ID: WAD988506093
Facility Address 2: Not reported
TAX REG NBR: 578048372
NAICS CD: 44111
BUSINESS TYPE: Not reported
MAIL NAME: Carter Subaru
MAIL ADDR LINE1: 17225 AURORA AVE N
MAIL CITY,ST,ZIP: SHORELINE, WA 98133-5316
MAIL COUNTRY: UNITED STATES
LEGAL ORG NAME: Carter Subaru
LEGAL ORG TYPE: Private
LEGAL ADDR LINE1: 17225 AURORA AVE N
LEGAL CITY,ST,ZIP: SHORELINE, WA 98133-5316
LEGAL COUNTRY: UNITED STATES
LEGAL PHONE NBR: (206)542-1166
LEGAL EFFECTIVE DATE: 04/22/92
LAND ORG NAME: Not reported
LAND ORG TYPE: Private
LAND PERSON NAME: Wade Carter
LAND ADDR LINE1: 17225 AURORA AVE N
LAND CITY,ST,ZIP: SHORELINE, WA 98133-5316
LAND COUNTRY: UNITED STATES
LAND PHONE NBR: (206)542-1166
OPERATOR ORG NAME: Not reported
OPERATOR ORG TYPE: Private
OPERATOR ADDR LINE1: 17225 AURORA AVE N
OPERATOR CITY,ST,ZIP: SHORELINE, WA 98133-5316
OPERATOR COUNTRY: UNITED STATES
OPERATOR PHONE NBR: (206)542-1166
OPERATOR EFFECTIVE DATE: 10/15/96
SITE CONTACT NAME: Todd Coleman
SITE CONTACT ADDR LINE1: 17225 AURORA AVE N
SITE CONTACT ZIP: SHORELINE, WA 98133-5316
SITE CONTACT COUNTRY: UNITED STATES
SITE CONTACT PHONE NBR: 206542-1166
SITE CONTACT EMAIL: Not reported
FORM CONTACT NAME: Todd Coleman
FORM CONTACT ADDR LINE1: 17225 AURORA AVE N
FORM CONTACT CITY,ST,ZIP: SHORELINE, WA 98133-5316
FORM CONTACT COUNTRY: UNITED STATES
FORM CONTACT PHONE NBR: 206542-1166
FORM CONTACT EMAIL: tcoleman@cartersubaru.com
GEN STATUS CD: XQG

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CARTER SUBARU (Continued)

1004794327

MONTHLY GENERATION: False
 BATCH GENERATION: False
 ONE TIME GENERATION: False
 TRANSPORTS OWN WASTE: False
 TRANSPORTS OTHRS WASTE: False
 RECYCLER ONSITE: False
 TRANSFER FACILITY: False
 OTHER EXEMPTION: Not reported
 UW BATTERY GEN: False
 USED OIL TRANSPORTER: False
 USED OIL TRANSFER FACILITY: False
 USED OIL PROCESSOR: False
 USED OIL REREFINER: False
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: False
 USED OIL FUEL MRKTR MEETS SPECS: False

**E40
 South
 1/8-1/4
 704 ft.**

**CARTER SUBARU
 17225 AURORA N
 SEATTLE, WA 98133**

**UST 1000696946
 N/A**

Site 8 of 8 in cluster E

**Relative:
 Lower**

UST:

**Actual:
 464 ft.**

Facility ID: 52411745
 Site ID: 12747
Status: Removed
 Tank Name: 012747
 Install Date: 1/1/1988 00:00:00
 Capacity: 1,101 to 2,000 Gallons
 Compartment #: 1
 Substance: Used Oil/Waste Oil
 Ecology Region: North Western
 Tank ID: 20902
 Compartment ID: 21207
 Decimal Latitude: 47.754130000000004
 Decimal Longitude: -122.34578

Facility ID: 52411745
 Site ID: 12747
Status: Removed
 Tank Name: 1
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 TO 1,100 Gallons
 Compartment #: 1
 Substance: Used Oil/Waste Oil
 Ecology Region: North Western
 Tank ID: 20754
 Compartment ID: 21059
 Decimal Latitude: 47.754130000000004
 Decimal Longitude: -122.34578

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

41
South
1/8-1/4
731 ft.

PHILLIPS AUTOMOTIVE SERVICE
17215 AURORA AVE
SEATTLE, WA

EDR Historical Auto Stations

1009614565
N/A

Relative:
Lower

EDR Historical Auto Stations:

Name: PHILLIPS AUTOMOTIVE SERVICE
 Year: 1969
 Type: Automobile Repairing

Actual:
464 ft.

Name: PHILLIPS AUTOMOTIVE SERVICE
 Year: 1975
 Type: Automobile Repairing

Name: PHILLIPS AUTOMOTIVE SERVICE
 Year: 1981
 Type: Automobile Repairing

42
SSW
1/8-1/4
1141 ft.

FIRESTONE STORE PN145351(FORMER)
19805 HWY 99
SHORELINE, WA 98133

LUST **U003167892**
UST **N/A**

Relative:
Equal

LUST:

FS ID: 37328315
 Facility ID: 375154
 Release ID: 375157
 Alternate Name: FIRESTONE STORE PN 145351
 Release Notification Date: 6/27/1996 00:00:00
 Release Status Date: 11/1/2002 00:00:00
 Facility Status: Reported Cleaned Up
 Affected Media: Soil
 Site Response Unit Code: NW
 Lat/Long: 47.772329999999997 / -122.347357

Actual:
465 ft.

FS ID: 37328315
 Facility ID: 375154
 Release ID: 375157
 Alternate Name: FIRESTONE STORE PN 145351
 Release Notification Date: 6/27/1996 00:00:00
 Release Status Date: 6/27/1996 00:00:00
 Facility Status: Cleanup Started
 Affected Media: Soil
 Site Response Unit Code: NW
 Lat/Long: 47.772329999999997 / -122.347357

UST:

Facility ID: 37328315
 Site ID: 375154
Status: Removed
 Tank Name: 1
 Install Date: 1/1/1964 00:00:00
 Capacity: 111 TO 1,100 Gallons
 Compartment #: 1
 Substance: Motor Oil
 Ecology Region: North Western
 Tank ID: 447588
 Compartment ID: 447589
 Decimal Latitude: 47.772329999999997

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FIRESTONE STORE PN145351(FORMER) (Continued)

EDR ID Number
EPA ID Number

Database(s)

Decimal Longitude: -122.347357

U003167892

F43
South
1/8-1/4
1168 ft.

JIM S DRY CLEANER S
17053 AURORA AVE
SEATTLE, WA

EDR Historical Cleaners

1009612778
N/A

Site 1 of 9 in cluster F

Relative:
Lower

EDR Historical Cleaners:

Name: JIM S DRY CLEANER S
Year: 1969
Type: Cleaners And Dyers

Actual:
464 ft.

F44
South
1/8-1/4
1197 ft.

GERARD AUTO REBUILD
17038 AURORA AVE
SEATTLE, WA

EDR Historical Auto Stations

1009614551
N/A

Site 2 of 9 in cluster F

Relative:
Lower

EDR Historical Auto Stations:

Name: GERARO AUTO REBUILD
Year: 1969
Type: Automobile Repairing

Name: GERARD AUTO REBUILD
Year: 1975
Type: Automobile Repairing

Name: GERARD AUTO REBUILD
Year: 1981
Type: Automobile Repairing

Actual:
464 ft.

F45
South
1/8-1/4
1197 ft.

SHORELINE SIGN INC
17038 AURORA AVE N
SEATTLE, WA 98133

RCRA-SQG
FINDS

1004793565
WAD075737726

Site 3 of 9 in cluster F

Relative:
Lower

RCRAInfo:

Owner: SHORELINE SIGN INC
(206)542-0446
EPA ID: WAD075737726

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Actual:
464 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

SHORELINE SIGN INC (Continued)

EDR ID Number
 EPA ID Number

1004793565

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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F46
 South
 1/8-1/4
 1212 ft.

TOWN & COUNTRY JEEP EAGLE
 17037 AURORA AVE N
 SEATTLE, WA 98133

RCRA-SQG 1004793632
UST WAD102860343

Site 4 of 9 in cluster F

Relative:
Lower

RCRAInfo:

Contact: AL ADAMS
 (206) 542-7533

Actual:
464 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

UST:

Facility ID: 61872531
 Site ID: 1100
Status: Removed
 Tank Name: 1 WASTE OIL
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 TO 1,100 Gallons
 Compartment #: 1
 Substance: Used Oil/Waste Oil
 Ecology Region: North Western
 Tank ID: 37473
 Compartment ID: 38000
 Decimal Latitude: 47.75291
 Decimal Longitude: -122.34577

F47
 South
 1/8-1/4
 1212 ft.

CHUCK OLSON CHEVROLET INC 17037 AURORA
 17037 AURORA AVE N
 SHORELINE, WA 98133

RCRA-SQG 1001805455
FINDS WAH000001107
CSCSL NFA
VCP
INST CONTROL
WA MANIFEST
ICR

Site 5 of 9 in cluster F

Relative:
Lower

Actual:
464 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CHUCK OLSON CHEVROLET INC 17037 AURORA (Continued)

EDR ID Number
EPA ID Number

Database(s)

1001805455

RCRAInfo:
Owner: CHUCK OLSON CHEVROLET INC
(206)522-7661
EPA ID: WAH000001107
Contact: Not reported
Classification: Small Quantity Generator
TSD Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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CSCSL NFA:

Facility/Site Id: 61872531
Ecology Status: Independent Remedial Action
Program Plan Code: 4
Independent Status Code: Final Independent RA Report received
WARM Bin Number: Not reported
NFA Code: Restrictive Covenant, Institutional Controls
NFA Date: 9/1/1999 00:00:00
Latitude: 47.75291
Longitude: -122.34577

VCP:

Facility ID: 61872531
Ecology Status: Independent Remedial Action
WARM BIN #: Not reported
NFA Code: Restrictive Covenant, Institutional Controls
Program Plan: 4

INST CONTROL:

Facility Site ID: 61872531
Nfa Code: Restrictive Covenant, Institutional Controls
Nfa Desc: Restrictive Covenant, Institutional Controls
Nfa Date: 9/1/1999 00:00:00
Decision Document Id: 400

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHUCK OLSON CHEVROLET INC 17037 AURORA (Continued)

1001805455

Document Type: VCP
IC Doc Type: VCP
Filing Num (county): 19990803000931
Filing Date: 8/2/1999 00:00:00
Inst Control Doc Id: 1
IC DDocument Type: Restrictive Covenant
Status Of IC Doc Type: Active
IC Doc Status: Active
County Filing # For Individual IC Doc: 19990803000931
Filing Date Of Individual IC Doc: 8/2/1999 00:00:00
Status Date: 8/2/1999 00:00:00
IC Category Id: 696
IC Category: Maintenance Requirements
IC Category Desc: Maintenance Requirements
Comments: RC obtained by Michael S. Curtis. The property contains petroleum and halogenated chemicals in soils that may require remediation if disturbed.RC obtained by Michael S. Curtis. The property contains petroleum and halogenated chemicals in soils that may require remediation if disturbed.RC obtained by Michael S. Curtis. The property contains petroleum and halogenated chemicals in soils that may require remediation if disturbed.

Facility Site ID: 61872531
Nfa Code: Restrictive Covenant, Institutional Controls
NFA Desc: Restrictive Covenant, Institutional Controls
Nfa Date: 9/1/1999 00:00:00
Decision Document Id: 400
Document Type: VCP
IC Doc Type: VCP
Filing Num (county): 19990803000931
Filing Date: 8/2/1999 00:00:00
Inst Control Doc Id: 1
IC DDocument Type: Restrictive Covenant
Status Of IC Doc Type: Active
IC Doc Status: Active
County Filing # For Individual IC Doc: 19990803000931
Filing Date Of Individual IC Doc: 8/2/1999 00:00:00
Status Date: 8/2/1999 00:00:00
IC Category Id: 697
IC Category: Property Use Restriction
IC Category Desc: Property Use Restriction
Comments: RC obtained by Michael S. Curtis. The property contains petroleum and halogenated chemicals in soils that may require remediation if disturbed.RC obtained by Michael S. Curtis. The property contains petroleum and halogenated chemicals in soils that may require remediation if disturbed.RC obtained by Michael S. Curtis. The property contains petroleum and halogenated chemicals in soils that may require remediation if disturbed.

Facility Site ID: 61872531
Nfa Code: Restrictive Covenant, Institutional Controls
NFA Desc: Restrictive Covenant, Institutional Controls
Nfa Date: 9/1/1999 00:00:00
Decision Document Id: 400
Document Type: VCP
IC Doc Type: VCP
Filing Num (county): 19990803000931
Filing Date: 8/2/1999 00:00:00
Inst Control Doc Id: 1

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHUCK OLSON CHEVROLET INC 17037 AURORA (Continued)

1001805455

IC Document Type: Restrictive Covenant
 Status Of IC Doc Type: Active
 IC Doc Status: Active
 County Filing # For Individual IC Doc: 19990803000931
 Filing Date Of Individual IC Doc: 8/2/1999 00:00:00
 Status Date: 8/2/1999 00:00:00
 IC Category Id: 698
 IC Category: Soil Restriction
 IC Category Desc: Soil Restriction
 Comments: RC obtained by Michael S. Curtis. The property contains petroleum and halogenated chemicals in soils that may require remediation if disturbed.RC obtained by Michael S. Curtis. The property contains petroleum and halogenated chemicals in soils that may require remediation if disturbed.RC obtained by Michael S. Curtis. The property contains petroleum and halogenated chemicals in soils that may require remediation if disturbed.

WA MANIFEST:

Facility Site ID Number: 61872531
 Permit by Rule: False
 Treatment by Generator: False
 Mixed radioactive waste: False
 Importer of hazardous waste: False
 Immediate recycler: False
 Treatment/Storage/Disposal/Recycling Facility: False
 Generator of dangerous fuel waste: False
 Generator marketing to burner: False
 "Other marketers (i.e., blender, distributor, etc.)": False
 Utility boiler burner: False
 Industry boiler burner: False
 Industrial Furnace: False
 Smelter defferal: False
 Universal waste - batteries - generate: False
 Universal waste - thermostats - generate: False
 Universal waste - mercury - generate: False
 Universal waste - lamps - generate: False
 Universal waste - batteries - accumulate: False
 Universal waste - thermostats - accumulate: False
 Universal waste - mercury - accumulate: False
 Universal waste - lamps - accumulate: False
 Destination Facility for Universal Waste: False
 Off-specification used oil burner - utility boiler: False
 Off-specification used oil burner - industrial boiler: False
 Off-specification used oil burner - industrial furnace: False
 EPA ID: WAH000001107
 Facility Address 2: Not reported
 TAX REG NBR: 578070214
 NAICS CD: 44111
 BUSINESS TYPE: Not reported
 MAIL NAME: Chuck Olson Chevrolet Inc
 MAIL ADDR LINE1: 17037 AURORA AVE N
 MAIL CITY,ST,ZIP: SHORELINE, WA 98133
 MAIL COUNTRY: UNITED STATES
 LEGAL ORG NAME: Chuck Olson Chevrolet Inc
 LEGAL ORG TYPE: Private
 LEGAL ADDR LINE1: PO Box 7115
 LEGAL CITY,ST,ZIP: SEATTLE, WA 98133-2115
 LEGAL COUNTRY: UNITED STATES

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHUCK OLSON CHEVROLET INC 17037 AURORA (Continued)

1001805455

LEGAL PHONE NBR: (206)522-7661
LEGAL EFFECTIVE DATE: 03/20/97
LAND ORG NAME: Not reported
LAND ORG TYPE: Private
LAND PERSON NAME: Charles E Olson
LAND ADDR LINE1: PO Box 7115
LAND CITY,ST,ZIP: SEATTLE, WA 98133-2115
LAND COUNTRY: UNITED STATES
LAND PHONE NBR: (206)522-7661
OPERATOR ORG NAME: Not reported
OPERATOR ORG TYPE: Private
OPERATOR ADDR LINE1: 17037 AURORA AVE N
OPERATOR CITY,ST,ZIP: SHORELINE, WA 98133-5314
OPERATOR COUNTRY: UNITED STATES
OPERATOR PHONE NBR: (206)546-4926
OPERATOR EFFECTIVE DATE: 03/19/97
SITE CONTACT NAME: KC Edinger
SITE CONTACT ADDR LINE1: PO Box 7115
SITE CONTACT ZIP: Seattle, WA 98133
SITE CONTACT COUNTRY: UNITED STATES
SITE CONTACT PHONE NBR: 206-522-7661
SITE CONTACT EMAIL: Not reported
FORM CONTACT NAME: Kc Edinger
FORM CONTACT ADDR LINE1: 17037 AURORA AVE N
FORM CONTACT CITY,ST,ZIP: SHORELINE, WA 98133
FORM CONTACT COUNTRY: UNITED STATES
FORM CONTACT PHONE NBR: 206546-4926 264
FORM CONTACT EMAIL: colson1@nwlink.com
GEN STATUS CD: SQG
MONTHLY GENERATION: False
BATCH GENERATION: False
ONE TIME GENERATION: False
TRANSPORTS OWN WASTE: False
TRANSPORTS OTHRS WASTE: False
RECYCLER ONSITE: False
TRANSFER FACILITY: False
OTHER EXEMPTION: Not reported
UW BATTERY GEN: False
USED OIL TRANSPORTER: False
USED OIL TRANSFER FACILITY: False
USED OIL PROCESSOR: False
USED OIL REREFINER: False
USED OIL FUEL MRKTR DIRECTS SHPMNTS: False
USED OIL FUEL MRKTR MEETS SPECS: False

ICR:

Date Ecology Received Report: 06/15/1995
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Waste Management: Tank, Spill, Drum
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-06
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

CHUCK OLSON CHEVROLET INC 17037 AURORA (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1001805455

Date Ecology Received Report: 10/23/1998
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Soil
 Waste Management: Not reported
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 98-09
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

F48
 South
 1/8-1/4
 1221 ft.

UNDERHILL FURNITURE
17030 AURORA AVE N
SHORELINE, WA 98133

FINDS 1007078713
VCP 110015554050

Site 6 of 9 in cluster F

Relative:
Lower

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Actual:
464 ft.

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VCP:

Facility ID: 3711832
 Ecology Status: Independent Remedial Action
 WARM BIN #: Not reported
 NFA Code: NFA after assessment, IRAP, or VCP
 Program Plan: 4

F49
 South
 1/8-1/4
 1221 ft.

UNDERHILL FURNITURE
17030 AURORA AVE N
SHORELINE, WA 98133

CSCSL NFA S105831641
N/A

Site 7 of 9 in cluster F

Relative:
Lower

CSCSL NFA:
 Facility/Site Id: 3711832
 Ecology Status: Independent Remedial Action
 Program Plan Code: 4
 Independent Status Code: Final Independent RA Report received
 WARM Bin Number: Not reported
 NFA Code: NFA after Assesment IRAP or VCP
 NFA Date: 5/9/2003 00:00:00
 Latitude: 47.754667
 Longitude: -122.393139

Actual:
464 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

F50
 South
 1/8-1/4
 1273 ft.

RICHMOND HIGHLANDS LAUNDROMAT
 17012 AURORA AVE
 SEATTLE, WA

EDR Historical Cleaners

1009612775
 N/A

Site 8 of 9 in cluster F

Relative:
Lower

EDR Historical Cleaners:

Name: RICHMOND HIGHLANDS LAUNDROMAT
 Year: 1969
 Type: Laundries Self Serve

Actual:
463 ft.

F51
 South
 1/8-1/4
 1273 ft.

ACTION MACHINE
 17012 AURORA AVE N
 SEATTLE, WA 98133

RCRA-SQG
FINDS
WA MANIFEST

1004793414
WAD027412634

Site 9 of 9 in cluster F

Relative:
Lower

RCRAInfo:

Owner: ACTION MACHINE
 (206)546-0121
 EPA ID: WAD027412634

Actual:
463 ft.

Contact: Not reported
 Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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WA MANIFEST:

Facility Site ID Number: 34549261
 Permit by Rule: False
 Treatment by Generator: False
 Mixed radioactive waste: False
 Importer of hazardous waste: False
 Immediate recycler: False
 Treatment/Storage/Disposal/Recycling Facility: False
 Generator of dangerous fuel waste: False
 Generator marketing to burner: False
 "Other marketers (i.e., blender, distributor, etc.)": False

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ACTION MACHINE (Continued)

1004793414

Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD027412634
Facility Address 2:	Not reported
TAX REG NBR:	578054347
NAICS CD:	811111
BUSINESS TYPE:	Not reported
MAIL NAME:	Action Machine
MAIL ADDR LINE1:	17012 AURORA AVE N
MAIL CITY,ST,ZIP:	SEATTLE, WA 98133-5315
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Action Machine
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	17012 AURORA AVE N
LEGAL CITY,ST,ZIP:	SEATTLE, WA 98133-5315
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(206)546-0121
LEGAL EFFECTIVE DATE:	02/06/87
LAND ORG NAME:	Lowell & McIntosh
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	1516 175TH ST SW
LAND CITY,ST,ZIP:	LYNNWOOD, WA 98037-4046
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(425)745-1310
OPERATOR ORG NAME:	Not reported
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	17012 AURORA AVE N
OPERATOR CITY,ST,ZIP:	SEATTLE, WA 98133-5315
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(206) 546-0121
OPERATOR EFFECTIVE DATE:	08/28/96
SITE CONTACT NAME:	Joe McIntosh
SITE CONTACT ADDR LINE1:	17012 AURORA AVE N
SITE CONTACT ZIP:	SEATTLE, WA 98133-5315
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(206)546-0121
SITE CONTACT EMAIL:	Not reported
FORM CONTACT NAME:	Joe McIntosh
FORM CONTACT ADDR LINE1:	17012 AURORA AVE N
FORM CONTACT CITY,ST,ZIP:	SEATTLE, WA 98133-5315
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(206)546-0121

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

ACTION MACHINE (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1004793414

FORM CONTACT EMAIL: Not reported
 GEN STATUS CD: SQG
 MONTHLY GENERATION: False
 BATCH GENERATION: False
 ONE TIME GENERATION: False
 TRANSPORTS OWN WASTE: False
 TRANSPORTS OTHRS WASTE: False
 RECYCLER ONSITE: False
 TRANSFER FACILITY: False
 OTHER EXEMPTION: Not reported
 UW BATTERY GEN: False
 USED OIL TRANSPORTER: False
 USED OIL TRANSFER FACILITY: False
 USED OIL PROCESSOR: False
 USED OIL REREFINER: False
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: False
 USED OIL FUEL MRKTR MEETS SPECS: False

G52
 North
 1/8-1/4
 1290 ft.

GROVELAND SERVICE
 17859 AURORA AVE
 SEATTLE, WA

EDR Historical Auto Stations

1009614619
 N/A

Site 1 of 2 in cluster G

Relative:
 Higher

EDR Historical Auto Stations:
 Name: GROVELAND SERVICE
 Year: 1969
 Type: Gasoline Stations

Actual:
 471 ft.

G53
 North
 1/4-1/2
 1329 ft.

DESERET INDUSTRIES SEATTLE
 17935 AURORA AVE N
 SEATTLE, WA 98133

RCRA-SQG
 FINDS

1004793724
 WAD980980635

Site 2 of 2 in cluster G

Relative:
 Higher

RCRAInfo:
 Owner: CHURCH OF JESUS CHRIST OF LDS
 (800)453-3860
 EPA ID: WAD980980635
 Contact: Not reported
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

Actual:
 471 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site

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MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

54
SSW
1/4-1/2
1332 ft.

CITY LIGHT DRUM
200 FT BEHIND 17012 AURORA AVE
SEATTLE, WA 98133

RCRA-SQG **1000878866**
FINDS **WAD988522009**

Relative:
Lower

RCRAInfo:
 Owner: WA ECY
 EPA ID: WAD988522009
 Contact: HATHOR WOODS
 (425) 649-7089
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

Actual:
464 ft.

FINDS:
 Other Pertinent Environmental Activity Identified at Site

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H55
South
1/4-1/2
1399 ft.

HIGHLAND AUTO RADIATOR
16959 AURORA AVE
SEATTLE, WA

EDR Historical Auto Stations **1009614540**
N/A

Site 1 of 3 in cluster H

Relative:
Lower

EDR Historical Auto Stations:
 Name: HIGHLAND AUTO RADIATOR
 Year: 1969
 Type: Automobile Radiator Repairers

Actual:
463 ft.

H56
South
1/4-1/2
1408 ft.

BOBS AUTO
16955 AURORA AVE N
SEATTLE, WA 98133

CSCSL NFA **S104971575**
N/A

Site 2 of 3 in cluster H

Relative:
Lower

CSCSL NFA:
 Facility/Site Id: 2369
 Ecology Status: Awaiting Site Hazard Assessment
 Program Plan Code: Not reported
 Independent Status Code: Not reported
 WARM Bin Number: Not reported
 NFA Code: NFA after Assessment IRAP or VCP
 NFA Date: 7/21/2000 00:00:00
 Latitude: 47.75195
 Longitude: -122.34574

Actual:
463 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

H57
South
1/4-1/2
1408 ft.

JOE S FOREIGN CAR SERVICE
16955 AURORA AVE
SEATTLE, WA

EDR Historical Auto Stations

1009614539
N/A

Site 3 of 3 in cluster H

Relative:
Lower

EDR Historical Auto Stations:

Actual:
463 ft.

- Name: N JOE S FOREIGN CAR SERVICE
- Year: 1969
- Type: Automobile Repairing

- Name: JOE S FOREIGN CAR SERVICE
- Year: 1975
- Type: Automobile Repairing

- Name: JOE S FOREIGN CAR SERVICE
- Year: 1981
- Type: Automobile Repairing

I58
North
1/4-1/2
1455 ft.

SCHUCKS AUTO SUPPLY
18021 AURORA AVE N
SEATTLE, WA 98133

RCRA-SQG
FINDS

1000838595
WAD988513826

Site 1 of 3 in cluster I

Relative:
Higher

RCRAInfo:

Actual:
472 ft.

- Owner: SEARS ROEBUCK & CO
(847) 286-5128
- EPA ID: WAD988513826
- Contact: Not reported
- Classification: Small Quantity Generator
- TSDF Activities: Not reported
- Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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MAP FINDINGS

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

I59 North 1/4-1/2 1455 ft.	SEARS ROEBUCK & CO 18021 AURORA AVENUE NO SEATTLE, WA 98133 Site 2 of 3 in cluster I UST: Facility ID: 52391188 Site ID: 7838 Status: Removed Tank Name: 1 Install Date: 12/31/1964 00:00:00 Capacity: Not reported Compartment #: 1 Substance: Unleaded Gasoline Ecology Region: North Western Tank ID: 10613 Compartment ID: 10787 Decimal Latitude: 47.759739000000003 Decimal Longitude: -122.34739	UST	U003028291 N/A
--------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------	--------------------------

I60 North 1/4-1/2 1455 ft.	SEARS SERVICE CENTER 18021 AURORA AVE SEATTLE, WA Site 3 of 3 in cluster I EDR Historical Auto Stations: Name: NE SEARS SERVICE CENTER Year: 1969 Type: Gasoline Stations Name: SEARS SERVICE CENTER Year: 1975 Type: Automobile Repairing Name: SEARS SERVICE CENTER Year: 1981 Type: Automobile Repairing	EDR Historical Auto Stations	1009614629 N/A
--------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------	--------------------------

61 North 1/4-1/2 1804 ft.	SEELS ART AUTO SERV 18213 AURORA AVE SEATTLE, WA EDR Historical Auto Stations: Name: SEELS ART AUTO SERV Year: 1969 Type: Automobile Repairing	EDR Historical Auto Stations	1009614644 N/A
-------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------	--------------------------

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

J62
South
1/4-1/2
1911 ft.

NATIONAL FOOD CORPORATION
16740 AURORA AVE N.
SEATTLE, WA 98133

UST **U001125677**
 N/A

Site 1 of 9 in cluster J

Relative:
Lower

UST:

Actual:
459 ft.

Facility ID: 12199495
 Site ID: 8894
Status: Exempt
 Tank Name: 1
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 TO 1,100 Gallons
 Compartment #: 1
 Substance: Heating Fuel
 Ecology Region: North Western
 Tank ID: 37173
 Compartment ID: 37697
 Decimal Latitude: 47.750559000000003
 Decimal Longitude: -122.346939000000001

Facility ID: 12199495
 Site ID: 8894
Status: Closed in Place
 Tank Name: 2
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Not reported
 Ecology Region: North Western
 Tank ID: 37276
 Compartment ID: 37800
 Decimal Latitude: 47.750559000000003
 Decimal Longitude: -122.346939000000001

Facility ID: 12199495
 Site ID: 8894
Status: Closed in Place
 Tank Name: 3
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Not reported
 Ecology Region: North Western
 Tank ID: 37141
 Compartment ID: 37664
 Decimal Latitude: 47.750559000000003
 Decimal Longitude: -122.346939000000001

J63
South
1/4-1/2
1948 ft.

RON'S CLEANERS
16737 AURORA AVE
SEATTLE, WA

EDR Historical Cleaners **1009612774**
 N/A

Site 2 of 9 in cluster J

Relative:
Lower

EDR Historical Cleaners:

Actual:
458 ft.

Name: WARREN
 Year: 1969
 Type: Cleaners And Dyers

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

RON'S CLEANERS (Continued)

1009612774

Name: RONS CLEANERS
 Year: 1981
 Type: Cleaners And Dyers

J64
South
1/4-1/2
1948 ft.

RON'S CLEANERS
16737 AURORA AVE N
SEATTLE, WA 98133

RCRA-SQG **1000878852**
FINDS **WAD988521795**
Inactive Drycleaners

Site 3 of 9 in cluster J

Relative:
Lower

RCRAInfo:
 Owner: RONS CLEANERS
 EPA ID: WAD988521795
 Contact: RONALD WARREN
 (206) 546-5475

Actual:
458 ft.

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

FINDS:

Other Pertinent Environmental Activity Identified at Site

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Inactive Drycleaners:

FS ID: 8559
 Facility ID: WAD988521795
 NAICS Code: 81232

J65
South
1/4-1/2
1959 ft.

ROSSOE, INC. ("MILLER" PLANT)
16724 AURORA AVE N
SEATTLE, WA 98133

UST **U003378421**
N/A

Site 4 of 9 in cluster J

Relative:
Lower

UST:
 Facility ID: 63836396
 Site ID: 10268
Status: Removed
 Tank Name: C
 Install Date: 12/31/1964 00:00:00
 Capacity: 20,000 to 29,999 Gallons
 Compartment #: 1
 Substance: Heating Fuel
 Ecology Region: North Western
 Tank ID: 2545
 Compartment ID: 2591
 Decimal Latitude: 47.750458999999999

Actual:
458 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ROSSOE, INC. ("MILLER" PLANT) (Continued)

U003378421

Decimal Longitude: -122.34693900000001

Facility ID: 63836396
Site ID: 10268
Status: Removed
Tank Name: E
Install Date: 12/31/1964 00:00:00
Capacity: 20,000 to 29,999 Gallons
Compartment #: 1
Substance: Heating Fuel
Ecology Region: North Western
Tank ID: 2494
Compartment ID: 2540
Decimal Latitude: 47.750458999999999
Decimal Longitude: -122.34693900000001

Facility ID: 63836396
Site ID: 10268
Status: Removed
Tank Name: W
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Compartment #: 1
Substance: Heating Fuel
Ecology Region: North Western
Tank ID: 2508
Compartment ID: 2554
Decimal Latitude: 47.750458999999999
Decimal Longitude: -122.34693900000001

J66
South
1/4-1/2
1959 ft.

CAR-FI STEREO
16724 AURORA AVE. N.
SEATTLE, WA 98133

ICR S104486165
N/A

Relative:
Lower

Site 5 of 9 in cluster J

Actual:
458 ft.

ICR:
Date Ecology Received Report: 12/30/1992
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-46
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

K67
North
1/4-1/2
1967 ft.

TEXACO STATION
18325 AURORA NORTH
SEATTLE, WA 98133

UST **U003028255**
N/A

Site 1 of 5 in cluster K

Relative:
Higher

UST:

Actual:
478 ft.

Facility ID: 4246982
 Site ID: 7729
Status: Removed
 Tank Name: 3
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: North Western
 Tank ID: 5620
 Compartment ID: 5724
 Decimal Latitude: 47.761079000000002
 Decimal Longitude: -122.34735999999999

Facility ID: 4246982
 Site ID: 7729
Status: Removed
 Tank Name: 2
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Leaded Gasoline
 Ecology Region: North Western
 Tank ID: 5566
 Compartment ID: 5670
 Decimal Latitude: 47.761079000000002
 Decimal Longitude: -122.34735999999999

Facility ID: 4246982
 Site ID: 7729
Status: Removed
 Tank Name: 1
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: North Western
 Tank ID: 5665
 Compartment ID: 5769
 Decimal Latitude: 47.761079000000002
 Decimal Longitude: -122.34735999999999

K68
North
1/4-1/2
1967 ft.

FRED MEYER INC AURORA
18325 AURORA AVE N
SEATTLE, WA 98133

RCRA-SQG **1004794966**
FINDS **WAR000000778**

Site 2 of 5 in cluster K

Relative:
Higher

Actual:
478 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

FRED MEYER INC AURORA (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1004794966

RCRAInfo:

Owner: FRED MEYER INC
 EPA ID: WAR000000778

Contact: Not reported

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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K69
 North
 1/4-1/2
 1967 ft.

DENNY S GULL SERVICE STATION
 18325 AURORA AVE
 SEATTLE, WA

EDR Historical Auto Stations 1009614650
 N/A

Site 3 of 5 in cluster K

Relative:
 Higher

EDR Historical Auto Stations:

Name: DENNY S GULL SERVICE STATION
 Year: 1975
 Type: Gasoline Stations

Actual:
 478 ft.

Name: DENNY S GULL SERVICE STATION
 Year: 1981
 Type: Gasoline Stations

K70
 North
 1/4-1/2
 1967 ft.

FRED MEYER INC
 18325 AURORA AVE N
 SEATTLE, WA 98133

LUST 1000993053
 UST N/A

Site 4 of 5 in cluster K

Relative:
 Higher

LUST:

FS ID: 94954298
 Facility ID: 637
 Release ID: 1664
 Alternate Name: FRED MEYER 18325 AURORA N

Actual:
 478 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FRED MEYER INC (Continued)

1000993053

Release Notification Date: 11/14/1989 00:00:00
 Release Status Date: 6/1/1995 00:00:00
 Facility Status: Cleanup Started
 Affected Media: Soil
 Site Response Unit Code: NW
 Lat/Long: 47.761240000000001 / -122.34614000000001

UST:

Facility ID: 94954298
 Site ID: 637
Status: Closed in Place
 Tank Name: 1
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 TO 1,100 Gallons
 Compartment #: 1
 Substance: Used Oil/Waste Oil
 Ecology Region: North Western
 Tank ID: 21737
 Compartment ID: 22048
 Decimal Latitude: 47.761240000000001
 Decimal Longitude: -122.34614000000001

J71
South
1/4-1/2
1978 ft.

BLACK JACK CAFE
16716 AURORA AVE. N.
SEATTLE, WA 98133

ICR S104486089
N/A

Site 6 of 9 in cluster J

Relative:
Lower

ICR:
 Date Ecology Received Report: 11/13/1995
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Soil
 Waste Management: Tank
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 94-13
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Actual:
458 ft.

Date Ecology Received Report: 01/03/1996
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Soil
 Waste Management: Tank
 Region: North Western
 Type of Report Ecology Received: Final cleanup report
 Site Register Issue: 94-17
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

J72
South
1/4-1/2
1978 ft.

BLACK JACK CAFE
16716 AURORA AVE N
SEATTLE, WA 98133

UST **U003750099**
 N/A

Site 7 of 9 in cluster J

Relative:
Lower

UST:

Actual:
458 ft.

Facility ID: 59555269
 Site ID: 200445
Status: Removed
 Tank Name: 2
 Install Date: 1/1/1964 00:00:00
 Capacity: Not reported
 Compartment #: Not reported
 Substance: Not reported
 Ecology Region: North Western
 Tank ID: 570430
 Compartment ID: Not reported
 Decimal Latitude: 47.75067
 Decimal Longitude: -122.34568

Facility ID: 59555269
 Site ID: 200445
Status: Removed
 Tank Name: 1
 Install Date: 1/1/1964 00:00:00
 Capacity: Not reported
 Compartment #: Not reported
 Substance: Not reported
 Ecology Region: North Western
 Tank ID: 570425
 Compartment ID: Not reported
 Decimal Latitude: 47.75067
 Decimal Longitude: -122.34568

J73
South
1/4-1/2
1978 ft.

CLUB HOLLYWOOD CASINO
16716 AURORA AVENUE NORTH
SEATTLE, WA 98133

RCRA-SQG **1000383684**
 FINDS **WAD000812990**
CSCSL NFA
 VCP

Site 8 of 9 in cluster J

Relative:
Lower

RCRAInfo:

Actual:
458 ft.

Owner: ROSSOE INC
 EPA ID: WAD000812990
 Contact: RON GLATZ
 (206) 725-7555
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

CLUB HOLLYWOOD CASINO (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000383684

under RCRA.

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CSCSL NFA:

Facility/Site Id: 59555269
 Ecology Status: Independent Remedial Action
 Program Plan Code: 4
 Independent Status Code: Final Independent RA Report received
 WARM Bin Number: Not reported
 NFA Code: NFA after Assesment IRAP or VCP
 NFA Date: 12/18/2002 00:00:00
 Latitude: 47.75067
 Longitude: -122.34568

VCP:

Facility ID: 59555269
 Ecology Status: Independent Remedial Action
 WARM BIN #: Not reported
 NFA Code: NFA after assessment, IRAP, or VCP
 Program Plan: 4

J74
South
1/4-1/2
2007 ft.

HOOPER ELEC
16715 AURORA AVE N PO BOX 3357
SEATTLE, WA 98133

PADS 1000346344
RCRA-SQG WAD027449909
FINDS
UST

Site 9 of 9 in cluster J

Relative:
Lower

RCRAInfo:
 Owner: HOOPER ELECTRIC
 EPA ID: WAD027449909
 Contact: TODD HOOPER
 (206) 546-2491
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Actual:
458 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site

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Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HOOPER ELEC (Continued)

1000346344

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UST:

Facility ID: 56657287
 Site ID: 101270
Status: Removed
 Tank Name: 1
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Leaded Gasoline
 Ecology Region: North Western
 Tank ID: 8738
 Compartment ID: 8889
 Decimal Latitude: 47.750079999999997
 Decimal Longitude: -122.34569999999999

**L75
 North
 1/4-1/2
 2013 ft.**

**GW CLEANERS
 1112 N 183RD
 SHORELINE, WA 98133**

**RCRA-SQG 1004793879
 FINDS WAD982658569
 Inactive Drycleaners**

Site 1 of 3 in cluster L

**Relative:
 Higher**

**Actual:
 480 ft.**

RCRAInfo:
 Owner: GW CLEANERS
 (206)542-4840
 EPA ID: WAD982658569
 Contact: Not reported
 Classification: Conditionally Exempt Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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Inactive Drycleaners:

FS ID: 13933
 Facility ID: WAD982658569

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

GW CLEANERS (Continued)

1004793879

NAICS Code: 81232

L76
 North
 1/4-1/2
 2016 ft.

SUITE
 1116 N 183D ST
 SEATTLE, WA

EDR Historical Cleaners

1009612560
 N/A

Site 2 of 3 in cluster L

Relative:
Higher

EDR Historical Cleaners:

Name: SUITE
 Year: 1975
 Type: Laundries Self Serve

Actual:
480 ft.

L77
 North
 1/4-1/2
 2016 ft.

GATEWAY NORGE
 1116 N 183RD ST
 SEATTLE, WA

EDR Historical Cleaners

1009612561
 N/A

Site 3 of 3 in cluster L

Relative:
Higher

EDR Historical Cleaners:

Name: GATEWAY NORGE
 Year: 1981
 Type: Laundries Self Serve

Actual:
480 ft.

K78
 North
 1/4-1/2
 2083 ft.

LESLIE S AUTOMOTIVE
 18326 AURORA AVE
 SEATTLE, WA

EDR Historical Auto Stations

1009614651
 N/A

Site 5 of 5 in cluster K

Relative:
Higher

EDR Historical Auto Stations:

Name: LESLIE S AUTOMOTIVE
 Year: 1975
 Type: Automobile Repairing

Actual:
478 ft.

M79
 NW
 1/4-1/2
 2183 ft.

SPECIALTY AUTO REBUILD
 715 N 182ND ST
 SEATTLE, WA

EDR Historical Auto Stations

1009615957
 N/A

Site 1 of 2 in cluster M

Relative:
Higher

EDR Historical Auto Stations:

Name: SPECIALTY AUTO REBUILD
 Year: 1969
 Type: Automobile Repairing

Actual:
467 ft.

Name: SPECIALTY AUTO REBUILD
 Year: 1975
 Type: Automobile Repairing

Name: SPECIALTY AUTO REBUILD
 Year: 1981
 Type: Automobile Repairing

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

M80 **MEDICAL-DENTAL CLINIC**
NW **182ND / FREMONT N.**
1/4-1/2 **SEATTLE, WA 98133**
2209 ft.

ICR **S105454383**
 N/A

Site 2 of 2 in cluster M

Relative:
Higher

ICR:
 Date Ecology Received Report: 06/01/1990
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Soil
 Waste Management: Tank
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 90-04
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Actual:
466 ft.

N81 **EVANS TIRE SVC CTRS 066**
South **16622 AURORA AVE N**
1/4-1/2 **SEATTLE, WA 98133**
2263 ft.

RCRA-SQG **1000659785**
FINDS **WAD988494613**

Site 1 of 3 in cluster N

Relative:
Lower

RCRAInfo:
 Owner: MKZ CO INC
 (253)852-6711
 EPA ID: WAD988494613
 Contact: Not reported
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

Actual:
454 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site

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MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

N82 **FIRST INTERSTATE PROPERTY (TWO REPORTS)**
South **16622 AURORA AVE. N.**
1/4-1/2 **SEATTLE, WA 98133**
2263 ft.

ICR **S104486782**
 N/A

Site 2 of 3 in cluster N

Relative:
Lower

ICR:
 Date Ecology Received Report: 09/17/1991
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Groundwater
 Waste Management: Tank
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 92-07
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Actual:
454 ft.

N83 **60 MINUTE TUNE**
South **16622 AURORA NORTH**
1/4-1/2 **SEATTLE, WA 98133**
2263 ft.

LUST **U001121926**
UST **N/A**

Site 3 of 3 in cluster N

Relative:
Lower

LUST:
 FS ID: 3645299
 Facility ID: 283
 Release ID: 2473
 Alternate Name: FIRST INTERSTATE BANK PROPERTY
 Release Notification Date: 7/29/1991 00:00:00
 Release Status Date: 7/29/1991 00:00:00
 Facility Status: Cleanup Started
 Affected Media: Soil
 Site Response Unit Code: NW
 Lat/Long: 47.749490000000002 / -122.34564

FS ID: 3645299
 Facility ID: 283
 Release ID: 2473
 Alternate Name: FIRST INTERSTATE BANK PROPERTY
 Release Notification Date: 7/29/1991 00:00:00
 Release Status Date: 6/1/1995 00:00:00
 Facility Status: Reported Cleaned Up
 Affected Media: Soil
 Site Response Unit Code: NW
 Lat/Long: 47.749490000000002 / -122.34564

Actual:
454 ft.

UST:
 Facility ID: 3645299
 Site ID: 283
Status: Removed
 Tank Name: #1
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 TO 1,100 Gallons
 Compartment #: 1
 Substance: Used Oil/Waste Oil
 Ecology Region: North Western
 Tank ID: 24393
 Compartment ID: 24727

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

60 MINUTE TUNE (Continued)

EDR ID Number
 EPA ID Number

U001121926

Decimal Latitude: 47.749490000000002
 Decimal Longitude: -122.34564

O84
 North
 1/4-1/2
 2271 ft.

LEATHER CLEAN LTD
18417 AURORA AVE
SEATTLE, WA

EDR Historical Cleaners

1009612839
N/A

Site 1 of 5 in cluster O

Relative:
Higher

EDR Historical Cleaners:
 Name: LEATHER CLEAN LTD
 Year: 1975
 Type: Cleaners And Dyers

Actual:
479 ft.

O85
 North
 1/4-1/2
 2279 ft.

MAC RAY INC
18419 AURORA AVE
SEATTLE, WA

EDR Historical Cleaners

1009612840
N/A

Site 2 of 5 in cluster O

Relative:
Higher

EDR Historical Cleaners:
 Name: MAC RAY INC
 Year: 1969
 Type: Cleaners And Dyers

Actual:
479 ft.

O86
 North
 1/4-1/2
 2304 ft.

BILL LANGE BERG
18425 AURORA AVE N
SEATTLE, WA 98133

LUST
UST

U000591756
N/A

Site 3 of 5 in cluster O

Relative:
Higher

LUST:
 FS ID: 47633583
 Facility ID: 7213
 Release ID: 5644
 Alternate Name: CHEVRON BILL'S
 Release Notification Date: 1/20/1995 00:00:00
 Release Status Date: 1/20/1995 00:00:00
 Facility Status: Cleanup Started
 Affected Media: Soil
 Site Response Unit Code: NW
 Lat/Long: 47.762089000000003 / -122.34730999999999

Actual:
479 ft.

UST:

Facility ID: 47633583
 Site ID: 7213
Status: Removed
 Tank Name: UNLEADED-1
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: North Western
 Tank ID: 32765

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

BILL LANGE BERG (Continued)

U000591756

Compartment ID: 33241
Decimal Latitude: 47.762089000000003
Decimal Longitude: -122.34730999999999

Facility ID: 47633583
Site ID: 7213
Status: Removed
Tank Name: DIESEL-4
Install Date: 12/31/1964 00:00:00
Capacity: 111 TO 1,100 Gallons
Compartment #: 1
Substance: Diesel
Ecology Region: North Western
Tank ID: 44275
Compartment ID: 44892
Decimal Latitude: 47.762089000000003
Decimal Longitude: -122.34730999999999

Facility ID: 47633583
Site ID: 7213
Status: Removed
Tank Name: SUPREME-3
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Compartment #: 1
Substance: Unleaded Gasoline
Ecology Region: North Western
Tank ID: 22475
Compartment ID: 22795
Decimal Latitude: 47.762089000000003
Decimal Longitude: -122.34730999999999

Facility ID: 47633583
Site ID: 7213
Status: Removed
Tank Name: WASTE OIL-5
Install Date: 12/31/1964 00:00:00
Capacity: 111 TO 1,100 Gallons
Compartment #: 1
Substance: Used Oil/Waste Oil
Ecology Region: North Western
Tank ID: 21932
Compartment ID: 22248
Decimal Latitude: 47.762089000000003
Decimal Longitude: -122.34730999999999

Facility ID: 47633583
Site ID: 7213
Status: Removed
Tank Name: REGULAR-2
Install Date: 12/31/1964 00:00:00
Capacity: Not reported
Compartment #: 1
Substance: Leaded Gasoline
Ecology Region: North Western
Tank ID: 20947
Compartment ID: 21253

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

BILL LANGEBERG (Continued)

EDR ID Number
 EPA ID Number

U000591756

Decimal Latitude: 47.762089000000003
 Decimal Longitude: -122.34730999999999

O87
 North
 1/4-1/2
 2304 ft.

CHEVRON - BILL'S
18425 AURORA AVE. N.
SEATTLE, WA 98133

ICR S104486328
N/A

Site 4 of 5 in cluster O

Relative:
Higher

ICR:
 Date Ecology Received Report: 01/20/1995
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Soil
 Waste Management: Tank
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 93-47
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Actual:
479 ft.

O88
 North
 1/4-1/2
 2304 ft.

BILL S CHEVRON SERVICE
18425 AURORA AVE
SEATTLE, WA

EDR Historical Auto Stations 1009614656
N/A

Site 5 of 5 in cluster O

Relative:
Higher

EDR Historical Auto Stations:
 Name: BILL S CHEVRON SERVICE
 Year: 1969
 Type: Gasoline Stations

 Name: BILL S CHEVRON SERVICE
 Year: 1975
 Type: Gasoline Stations

 Name: BILL S CHEVRON SERVICE
 Year: 1981
 Type: Gasoline Stations

Actual:
479 ft.

P89
 North
 1/4-1/2
 2419 ft.

GATEWAY PLAZA
18336 MIDVALE AVE N
SHORELINE, WA 98133

CSCSL NFA U003974065
N/A

Site 1 of 2 in cluster P

Relative:
Higher

CSCSL NFA:
 Facility/Site Id: 4114049
 Ecology Status: Independent Remedial Action
 Program Plan Code: 4
 Independent Status Code: Final Independant RA Report received
 WARM Bin Number: Not reported
 NFA Code: NFA after Assesment IRAP or VCP
 NFA Date: 11/9/2004 00:00:00
 Latitude: 47.760528

Actual:
476 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

GATEWAY PLAZA (Continued)

U003974065

Longitude: -122.345278

P90
 North
 1/4-1/2
 2419 ft.

GATEWAY PLAZA
18336 MIDVALE AVE N
SHORELINE, WA 98133

FINDS 1007453314
UST 110017742585
VCP

Site 2 of 2 in cluster P

Relative:
Higher

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Actual:
476 ft.

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UST:

Facility ID: 4114049
 Site ID: 619009
Status: Removed
 Tank Name: 2
 Install Date: Not reported
 Capacity: 5,000 to 9,999 Gallons
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: North Western
 Tank ID: 618458
 Compartment ID: 592765
 Decimal Latitude: 47.76052800000001
 Decimal Longitude: -122.34527799999999

Facility ID: 4114049
 Site ID: 619009
Status: Removed
 Tank Name: 3
 Install Date: Not reported
 Capacity: 5,000 to 9,999 Gallons
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: North Western
 Tank ID: 618459
 Compartment ID: 592766
 Decimal Latitude: 47.760528000000001
 Decimal Longitude: -122.34527799999999

Facility ID: 4114049
 Site ID: 619009
Status: Removed
 Tank Name: 4
 Install Date: Not reported
 Capacity: 111 TO 1,100 Gallons
 Compartment #: 1
 Substance: Used Oil/Waste Oil

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GATEWAY PLAZA (Continued)

1007453314

Ecology Region: North Western
Tank ID: 618460
Compartment ID: 592767
Decimal Latitude: 47.760528000000001
Decimal Longitude: -122.345277999999999

Facility ID: 4114049
Site ID: 619009
Status: Removed
Tank Name: 1
Install Date: Not reported
Capacity: 10,000 to 19,999 Gallons
Compartment #: 1
Substance: Leaded Gasoline
Ecology Region: North Western
Tank ID: 618457
Compartment ID: 592764
Decimal Latitude: 47.760528000000001
Decimal Longitude: -122.345277999999999

VCP:

Facility ID: 4114049
Ecology Status: Independent Remedial Action
WARM BIN #: Not reported
NFA Code: NFA after assessment, IRAP, or VCP
Program Plan: 4

Q91
South
1/4-1/2
2601 ft.

CONOCOPHILLIPS COMPANY - 2705962
16510 AURORA AVE N
SEATTLE, WA 98133

LUST U000592820
UST N/A

Relative:
Lower

Site 1 of 5 in cluster Q

Actual:
448 ft.

LUST:

FS ID: 95618672
Facility ID: 8430
Release ID: 5339
Alternate Name: UNOCAL STATION # 4725
Release Notification Date: 7/22/1994 00:00:00
Release Status Date: 6/1/1995 00:00:00
Facility Status: Awaiting Cleanup
Affected Media: Soil
Site Response Unit Code: NW
Lat/Long: 47.748519000000002 / -122.34642100000001

UST:

Facility ID: 95618672
Site ID: 8430
Status: Operational
Tank Name: 2
Install Date: 1/1/1987 00:00:00
Capacity: 10,000 to 19,999 Gallons
Compartment #: 1
Substance: Unleaded Gasoline
Ecology Region: North Western
Tank ID: 20390
Compartment ID: 20686

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CONOCOPHILLIPS COMPANY - 2705962 (Continued)

U000592820

Decimal Latitude: 47.748519000000002
 Decimal Longitude: -122.346421000000001

Facility ID: 95618672
 Site ID: 8430
Status: Operational
 Tank Name: 1
 Install Date: 1/1/1987 00:00:00
 Capacity: 10,000 to 19,999 Gallons
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: North Western
 Tank ID: 20624
 Compartment ID: 20930
 Decimal Latitude: 47.748519000000002
 Decimal Longitude: -122.346421000000001

Facility ID: 95618672
 Site ID: 8430
Status: Operational
 Tank Name: 3
 Install Date: 1/1/1987 00:00:00
 Capacity: 10,000 to 19,999 Gallons
 Compartment #: 1
 Substance: Diesel
 Ecology Region: North Western
 Tank ID: 20531
 Compartment ID: 20832
 Decimal Latitude: 47.748519000000002
 Decimal Longitude: -122.346421000000001

Facility ID: 95618672
 Site ID: 8430
Status: Operational
 Tank Name: 4
 Install Date: 1/1/1987 00:00:00
 Capacity: 111 TO 1,100 Gallons
 Compartment #: 1
 Substance: Used Oil/Waste Oil
 Ecology Region: North Western
 Tank ID: 20427
 Compartment ID: 20725
 Decimal Latitude: 47.748519000000002
 Decimal Longitude: -122.346421000000001

Q92
South
1/4-1/2
2601 ft.

UNOCAL #4725
16510 AURORA AVE. N.
SEATTLE, WA 98133

ICR S104487889
N/A

Site 2 of 5 in cluster Q

Relative:
Lower

ICR:
 Date Ecology Received Report: 08/24/1994
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Soil
 Waste Management: Tank
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report

Actual:
448 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

UNOCAL #4725 (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Site Register Issue: 94-03
 County Code: 17.00000
 Contact: Not reported
 Report Title: Not reported

Date Ecology Received Report: 03/06/2001
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Soil
 Waste Management: Tank
 Region: North Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 98-43
 County Code: 17.00000
 Contact: Not reported
 Report Title: Sampling During Dispenser Upgrade 2001

S104487889

Q93
 South
 1/4-1/2
 2601 ft.

BOB S AURORA UNION
 16510 AURORA AVE
 SEATTLE, WA

EDR Historical Auto Stations

1009614511
 N/A

Site 3 of 5 in cluster Q

Relative:
Lower

EDR Historical Auto Stations:
 Name: BALLY S UNION STATION
 Year: 1969
 Type: Gasoline Stations

Actual:
448 ft.

Name: DON S UNION
 Year: 1975
 Type: Gasoline Stations

Name: BOB S AURORA UNION
 Year: 1981
 Type: Gasoline Stations

Q94
 South
 1/4-1/2
 2625 ft.

U HAUL CO OF N SEATTLE
 16503 AURORA AVE N
 SEATTLE, WA 98133

RCRA-SQG
FINDS
WA MANIFEST
ICR

1000659816
WAD988494928

Site 4 of 5 in cluster Q

Relative:
Lower

RCRAInfo:
 Owner: U HAUL CO
 EPA ID: WAD988494928

Actual:
447 ft.

Contact: Not reported
 Classification: Conditionally Exempt Small Quantity Generator
 TSD Activities: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

U HAUL CO OF N SEATTLE (Continued)

1000659816

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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WA MANIFEST:

Facility Site ID Number:	86769125
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD988494928
Facility Address 2:	Not reported
TAX REG NBR:	600016802
NAICS CD:	53249
BUSINESS TYPE:	Not reported
MAIL NAME:	U Haul Co
MAIL ADDR LINE1:	6401 MARTIN LUTHER KING JR WAY S

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

U HAUL CO OF N SEATTLE (Continued)

1000659816

MAIL CITY,ST,ZIP: SEATTLE, WA 98118-3149
MAIL COUNTRY: UNITED STATES
LEGAL ORG NAME: U Haul Co
LEGAL ORG TYPE: Private
LEGAL ADDR LINE1: 2727 n central ave
LEGAL CITY,ST,ZIP: phoenix, AZ 85004-1120
LEGAL COUNTRY: UNITED STATES
LEGAL PHONE NBR: 800-528-0463
LEGAL EFFECTIVE DATE: / /
LAND ORG NAME: u-haul of north seattle
LAND ORG TYPE: Private
LAND PERSON NAME: Not reported
LAND ADDR LINE1: 16503 aurora ave n
LAND CITY,ST,ZIP: seattle, WA 98133-5308
LAND COUNTRY: UNITED STATES
LAND PHONE NBR: 206-542-7447
OPERATOR ORG NAME: Not reported
OPERATOR ORG TYPE: Private
OPERATOR ADDR LINE1: 16503 aurora ave n
OPERATOR CITY,ST,ZIP: seattle, WA 98133-5308
OPERATOR COUNTRY: UNITED STATES
OPERATOR PHONE NBR: 206-542-7447
OPERATOR EFFECTIVE DATE: / /
SITE CONTACT NAME: brian farlow
SITE CONTACT ADDR LINE1: 16503 aurora ave n
SITE CONTACT ZIP: seattle, WA 98133-5308
SITE CONTACT COUNTRY: UNITED STATES
SITE CONTACT PHONE NBR: 206-542-7447
SITE CONTACT EMAIL: Not reported
FORM CONTACT NAME: lonny williams
FORM CONTACT ADDR LINE1: 6401 mlk jr way s
FORM CONTACT CITY,ST,ZIP: seattle, WA 98118-3149
FORM CONTACT COUNTRY: UNITED STATES
FORM CONTACT PHONE NBR: 206-721-2730
FORM CONTACT EMAIL: lonny_williams@uhaul.com
GEN STATUS CD: XQG
MONTHLY GENERATION: False
BATCH GENERATION: False
ONE TIME GENERATION: False
TRANSPORTS OWN WASTE: False
TRANSPORTS OTHRS WASTE: False
RECYCLER ONSITE: False
TRANSFER FACILITY: False
OTHER EXEMPTION: Not reported
UW BATTERY GEN: False
USED OIL TRANSPORTER: False
USED OIL TRANSFER FACILITY: False
USED OIL PROCESSOR: False
USED OIL REREFINER: False
USED OIL FUEL MRKTR DIRECTS SHPMNTS: False
USED OIL FUEL MRKTR MEETS SPECS: False

ICR:

Date Ecology Received Report: 12/02/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Waste Management: Tank

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

U HAUL CO OF N SEATTLE (Continued)

1000659816

Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 93-15
County Code: 17.00000
Contact: Not reported
Report Title: Not reported

Q95
South
1/4-1/2
2625 ft.

UHAUL CO OF NORTH SEATTLE
16503 AURORA AVE NORTH
SEATTLE, WA 98133

LUST U003027609
UST N/A

Site 5 of 5 in cluster Q

Relative:
Lower

LUST:

Actual:
447 ft.

FS ID: 86769125
Facility ID: 6059
Release ID: 4992
Alternate Name: U-HAUL AURORA N
Release Notification Date: 12/2/1993 00:00:00
Release Status Date: 12/2/1993 00:00:00
Facility Status: Cleanup Started
Affected Media: Soil
Site Response Unit Code: NW
Lat/Long: 47.748739999999998 / -122.34566

FS ID: 86769125
Facility ID: 6059
Release ID: 4992
Alternate Name: U-HAUL AURORA N
Release Notification Date: 12/2/1993 00:00:00
Release Status Date: 6/1/1995 00:00:00
Facility Status: Reported Cleaned Up
Affected Media: Soil
Site Response Unit Code: NW
Lat/Long: 47.748739999999998 / -122.34566

UST:

Facility ID: 86769125
Site ID: 6059
Status: Removed
Tank Name: 3
Install Date: 1/1/1980 00:00:00
Capacity: 2,001 to 4,999 Gallons
Compartment #: 1
Substance: Leaded Gasoline
Ecology Region: North Western
Tank ID: 32515
Compartment ID: 32985
Decimal Latitude: 47.748739999999998
Decimal Longitude: -122.34566

Facility ID: 86769125
Site ID: 6059
Status: Removed
Tank Name: 2
Install Date: 5/1/1973 00:00:00
Capacity: 2,001 to 4,999 Gallons

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

UHAUL CO OF NORTH SEATTLE (Continued)

EDR ID Number
 EPA ID Number

Database(s)

U003027609

Compartment #: 1
 Substance: Diesel
 Ecology Region: North Western
 Tank ID: 32386
 Compartment ID: 32854
 Decimal Latitude: 47.748739999999998
 Decimal Longitude: -122.34566

Facility ID: 86769125
 Site ID: 6059
Status: Removed
 Tank Name: 4
 Install Date: 1/1/1980 00:00:00
 Capacity: 111 TO 1,100 Gallons
 Compartment #: 1
 Substance: Used Oil/Waste Oil
 Ecology Region: North Western
 Tank ID: 32442
 Compartment ID: 32912
 Decimal Latitude: 47.748739999999998
 Decimal Longitude: -122.34566

Facility ID: 86769125
 Site ID: 6059
Status: Removed
 Tank Name: 1
 Install Date: 5/1/1973 00:00:00
 Capacity: 2,001 to 4,999 Gallons
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: North Western
 Tank ID: 32637
 Compartment ID: 33108
 Decimal Latitude: 47.748739999999998
 Decimal Longitude: -122.34566

**96
 ESE
 1/2-1
 3007 ft.**

**MERIDIAN LANDFILL
 170TH N / MERIDIAN AV
 SEATTLE, WA 98133**

**CSCSL S100079837
 N/A**

**Relative:
 Lower**

CSCSL:

Facility ID: 2176
 warm_bin_n: Not reported
 Prog plan code: Not reported
 Latitude: 47.752020000000002
 Longitude: -122.33484
 Lat/Long: 47.752020000000002 / -122.33484
 Lat/Long (dms): 47 45 7.270000000000005 / 122 20 5.419999999999999
 Media ID: 2799
 Media Type Desc: Soil
 Media Status Desc: Suspected
 Affected Media: Soil
 Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
 Pesticides: Suspected to be present
 Petroleum Products: Not reported

**Actual:
 392 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MERIDIAN LANDFILL (Continued)

S100079837

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

97
South
1/2-1
3990 ft.

HENDRICKSON PROPERTY
928 N 160TH ST
SEATTLE, WA 98133

CSCSL S106779676
N/A

Relative:
Lower

CSCSL:

Facility ID: 5280617
 warm_bin_n: Not reported
 Prog plan code: Not reported
 Latitude: 47.74499999999997
 Longitude: -122.34777800000001
 Lat/Long: 47.74499999999997 / -122.34777800000001
 Lat/Long (dms): 47 44 41.99999999990798 / 122 20 52.000800000018899
 Media ID: 10926
 Media Type Desc: Soil
 Media Status Desc: Suspected
 Affected Media: Soil
 Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Actual:
427 ft.

Pesticides: Not reported
 Petroleum Products: Not reported
 Phenolic Compounds: Not reported
 Reactive Wastes: Not reported
 Corrosive Wastes: Not reported
 Radioactive Wastes: Not reported
 Asbestos: Not reported
 Responsible Unit: Northwest Region
 Arsenic Code: Not reported
 MTBE Code: Not reported
 UXO Code: Not reported
 Dioxin: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HENDRICKSON PROPERTY (Continued)

S106779676

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

Facility ID:	5280617
warm_bin_n:	Not reported
Prog plan code:	Not reported
Latitude:	47.744999999999997
Longitude:	-122.34777800000001
Lat/Long:	47.744999999999997 / -122.34777800000001
Lat/Long (dms):	47 44 41.99999999990798 / 122 20 52.000800000018899
Media ID:	10925
Media Type Desc:	Groundwater
Media Status Desc:	Confirmed
Affected Media:	Ground Water
Affected Media Status:	C
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Responsible Unit:	Northwest Region
Arsenic Code:	Not reported
MTBE Code:	Not reported
UXO Code:	Not reported
Dioxin:	Not reported

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

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

R98
North
1/2-1
4328 ft.

EZ STOP
19200 AURORA AVE N
SHORELINE, WA 98133

CSCSL **1007070946**
FINDS **110015475608**
VCP

Site 1 of 2 in cluster R

Relative:
Lower

CSCSL:

Actual:
413 ft.

Facility ID: 42796786
 warm_bin_n: Not reported
 Prog plan code: 4
 Latitude: 47.768208999999999
 Longitude: -122.34699999999999
 Lat/Long: 47.768208999999999 / -122.34699999999999
 Lat/Long (dms): 47 46 5.549999999999998 / 122 20 49.200000000000003
 Media ID: 12719
 Media Type Desc: Soil
 Media Status Desc: Confirmed
 Affected Media: Soil
 Affected Media Status: C
 Pesticides: Not reported
 Petroleum Products: Confirmed above MTCA cleanup levels
 Phenolic Compounds: Not reported
 Reactive Wastes: Not reported
 Corrosive Wastes: Not reported
 Radioactive Wastes: Not reported
 Asbestos: Not reported
 Responsible Unit: Northwest Region
 Arsenic Code: Not reported
 MTBE Code: Not reported
 UXO Code: Not reported
 Dioxin: Not reported
 Non-Halogenated Solvents: Not reported
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Not reported
 EPA Priority Pollutants - Metals and Cyanide: Not reported
 Metals - Other non-priority pollutant medals: Not reported
 Polychlorinated biPhenyls (PCBs): Not reported
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported
 Conventional Contaminants, Organic: Not reported
 Conventional Contaminants, Inorganic: Not reported
 Tributyl Tin Contaminant Group: Not reported
 Bioassay/Benthic Failures Contaminant Group: Not reported
 Wood Debris Contaminant Group: Not reported
 Other Deleterious Substance Group: Not reported
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EZ STOP (Continued)

1007070946

VCP:

Facility ID: 42796786
 Ecology Status: Independent Remedial Action
 WARM BIN #: Not reported
 NFA Code: Not reported
 Program Plan: 4

R99
North
1/2-1
4401 ft.

HOLIDAY RESORT SITE FORMER
19222-19260 AURORA AVE N
SHORELINE, WA 98133

CSCSL S108163260
N/A

Site 2 of 2 in cluster R

Relative:
Lower

Actual:
412 ft.

CSCSL:

Facility ID: 7710674
 warm_bin_n: Not reported
 Prog plan code: 4
 Latitude: 47.768611
 Longitude: -122.344722
 Lat/Long: 47.768611 / -122.344722
 Lat/Long (dms): 47 46 6.999599999997602 / 122 20 40.999200000015897
 Media ID: 12713
 Media Type Desc: Soil
 Media Status Desc: Confirmed
 Affected Media: Soil
 Affected Media Status: C
 Pesticides: Not reported
 Petroleum Products: Confirmed above MTCA cleanup levels
 Phenolic Compounds: Not reported
 Reactive Wastes: Not reported
 Corrosive Wastes: Not reported
 Radioactive Wastes: Not reported
 Asbestos: Not reported
 Responsible Unit: Northwest Region
 Arsenic Code: Not reported
 MTBE Code: Not reported
 UXO Code: Not reported
 Dioxin: Not reported
 Non-Halogenated Solvents: Not reported
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Not reported
 EPA Priority Pollutants - Metals and Cyanide: Not reported
 Metals - Other non-priority pollutant medals: Not reported
 Polychlorinated biPhenyls (PCBs): Not reported
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported
 Conventional Contaminants, Organic: Not reported
 Conventional Contaminants, Inorganic: Not reported
 Tributyl Tin Contaminant Group: Not reported
 Bioassay/Benthic Failures Contaminant Group: Not reported
 Wood Debris Contaminant Group: Not reported
 Other Deleterious Substance Group: Not reported
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

Facility ID: 7710674
 warm_bin_n: Not reported
 Prog plan code: 4

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HOLIDAY RESORT SITE FORMER (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S108163260

Latitude: 47.768611
 Longitude: -122.344722
 Lat/Long: 47.768611 / -122.344722
 Lat/Long (dms): 47 46 6.999599999997602 / 122 20 40.999200000015897
 Media ID: 12712
 Media Type Desc: Groundwater
 Media Status Desc: Suspected
 Affected Media: Ground Water
 Affected Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
 Pesticides: Not reported
 Petroleum Products: Suspected to be present
 Phenolic Compounds: Not reported
 Reactive Wastes: Not reported
 Corrosive Wastes: Not reported
 Radioactive Wastes: Not reported
 Asbestos: Not reported
 Responsible Unit: Northwest Region
 Arsenic Code: Not reported
 MTBE Code: Not reported
 UXO Code: Not reported
 Dioxin: Not reported
 Non-Halogenated Solvents: Not reported
 Base/Neutral/Acid Organics: Not reported
 Halogenated Organic Compounds: Not reported
 EPA Priority Pollutants - Metals and Cyanide: Not reported
 Metals - Other non-priority pollutant medals: Not reported
 Polychlorinated biPhenyls (PCBs): Not reported
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported
 Conventional Contaminants, Organic: Not reported
 Conventional Contaminants, Inorganic: Not reported
 Tributyl Tin Contaminant Group: Not reported
 Bioassay/Benthic Failures Contaminant Group: Not reported
 Wood Debris Contaminant Group: Not reported
 Other Deleterious Substance Group: Not reported
 Ecology Site Status (MTCA cleanup process): Independent Remedial Action
 Independent Site Status (independent cleanup): Final Independent Remedial Action Report received

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
KING COUNTY	S105806023	MCMICKEN HEIGHTS	BETWEEN THE S. 175TH ST. DEAD-END AND INTERSTATE-5		SWF/LF
KING COUNTY	S105806029	RENTON JUNCTION (MONSTER ROAD)	BETWEEN MONSTER ROAD AND THE GREEN RIVER		SWF/LF
KING COUNTY	S105806034	BOW LAKE ABANDONED LANDFILL	IMMEDIATELY EAST OF I-5, ACROSS FROM SOUTH 188TH S		SWF/LF
KING COUNTY	S105806035	CORLISS ABANDONED LANDFILL	IMMEDIATELY WEST OF I-5 BETWEEN NORTH 163RD PLACE		SWF/LF
KING COUNTY	S105806037	PUYALLUP/KIT CORNER ABANDONED LANDFILL	IMMEDIATELY EAST OF I-5 JUST SOUTH OF THE HIGHWAY		SWF/LF
KING COUNTY	S108107942	WASTE MOBILE COLLECTIONS	MOVES LOCATIONS (SEE COMMENT FIELD)		SWF/LF
KING COUNTY	S108107837	TOLT BACKWASH SOLIDS LANDFILL	39025 NE NORTH FORK RD		SWF/LF
KING COUNTY	S105806011	AUBURN (M & R STREET SITE)	NORTHWEST OF R STREET AND 25TH STREET S.E.		SWF/LF
KING COUNTY	S105806012	AUBURN (ROTARY PARK SITE)	NORTHWEST OF 27TH STREET S.E. AND ALPINE ST. S.E.		SWF/LF
KING COUNTY	S105806013	BOW LAKE	NORTHEAST OF S. 188TH ST. AND INTERSTATE-5		SWF/LF
KING COUNTY	S105806014	CARTON & BORTH	NORTHWEST OF 71ST AVE. N.E. AND N.E. 186TH STREET		SWF/LF
KING COUNTY	S105806015	CORLISS LANDFILL	NORTHEAST OF CORLISS AVE. N. AND N. 163RD STREET		SWF/LF
KING COUNTY	S105806016	EASTGATE ABANDONED LANDFILL	NORTHEAST OF 156TH AVE. S.E. AND I-90, NORTH END O		SWF/LF
KING COUNTY	S105806017	ENUMCLAW	SOUTHEAST OF 284TH AVE. S.E. AND S.E. 448TH STREET		SWF/LF
KING COUNTY	S105806018	FACTORIA PIT (SUNSET RAVINE PARK)	NORTHWEST OF 135TH AVE S.E. AND S.E. 40TH STREET		SWF/LF
KING COUNTY	S105806020	H.H. OLESON	NORTHEAST OF N.E. 172ND ST. AND 152 PL. N.E.		SWF/LF
KING COUNTY	S105806021	HOUGHTON	NORTHWEST OF N.E. 60TH ST. AND 120TH AVE. N.E.		SWF/LF
KING COUNTY	S105806022	KENT ABANDONED LANDFILL (MILL CREEK CANYON PARK)	NORTHEAST OF MAPLE ST. AND TILDEN AVENUE		SWF/LF
KING COUNTY	S105806024	NORTH BEND	WEST OF THE MIDDLE FORK ROAD, ABOUT 1 MILE NORTH O		SWF/LF
KING COUNTY	S105806025	PACIFIC CITY	SOUTH OF 3RD AVE. S.E. AT THE WHITE RIVER		SWF/LF
KING COUNTY	S105806026	PUYALLUP/KIT CORNER	NORTHEAST OF S. 360TH ST. AND INTERSTATE-5		SWF/LF
KING COUNTY	S105806027	REDONDO PIT	SOUTHWEST OF S. DASH POINT ROAD AND PACIFIC HIGHWA		SWF/LF
KING COUNTY	S105806028	RENTON HIGHLANDS	SOUTHWEST OF N.E. 3RD ST. AND JEFFERSON AVENUE N.E		SWF/LF
KING COUNTY	S105806030	SKYKOMISH	NORTH OF THE STEPHEN'S PASS HIGHWAY JUST EAST OF S		SWF/LF
KING COUNTY	S105806031	SUNSET PARK	SOUTHWEST OF 18TH AVE. S. AND S. 136TH STREET		SWF/LF
KING COUNTY	S105806032	TUKWILA	SOUTH OF 62ND AVE. S. AND S. 151ST STREET		SWF/LF
KING COUNTY	S105806033	VASHON ISLAND	WEST OF 130TH AVE. S.W. ACROSS FROM THE PRESENT LA		SWF/LF
KING COUNTY	S105806036	HOUGHTON ABANDONED LANDFILL	EAST OF I-405, IMMEDIATELY NORTH OF BRIDAL TRAILS		SWF/LF
KING COUNTY	S105806019	FALL CITY ABANDONED LANDFILL	OLD DUMP RD. AT FIRST ROAD BEND		SWF/LF
SEATTLE	1003880414	KING CO - HALLER LK LDFL	N 125TH ST E OF AURORA AV	98133	CERC-NFRAP
SEATTLE	1003880393	KING CO - FIRST NE (CORLISS AV) LDFL	N 165TH & 1ST AV NE	98133	CERC-NFRAP
SEATTLE	S105687483	SEATTLE CITY LIGHT HEGGEN LEASE PNT	175TH NE / RONALD PLACE	98133	ICR
SEATTLE	1007078062	FOY RESIDENTIAL PROPERTIES	BLOCK BOUNDED BY NE 145TH DAYTON AVE N	98133	FINDS, VCP
SEATTLE	S105612844	FOY RESIDENTIAL PROPERTIES	BLOCK BOUNDED BY NE 145TH DAYTON AVE N	98133	CSCSL NFA
SEATTLE	S103512775	RICHMOND HIGHLANDS WATER TANK	SW CORNER N. OF 195TH ST./FREMONT AVE.	98133	ICR
SEATTLE	1007728282	PSE N SEATTLE GATE STATION	12500 ELLIOTT RD	98133	FINDS
SEATTLE	1001600470	SEATTLE CITY LIGHT HAGGEN LEASE PNT	RONALD PL & 175TH ST SE CORNER	98133	RCRA-SQG, FINDS
SHORELINE	S107154435	CITY OF SHORELINE PROJECT / CONTRACTOR	15TH NE / N 192ND		SPILLS
SHORELINE	S108166870	WSDOT I-5 175TH ST TO 205TH ST	MP 176.02 TO MP 177.18	98133	NPDES
SHORELINE	S107154434	CITY OF SHORELINE	BALENGER PARK		SPILLS
SHORELINE	S107565905	BALLINGER CLEANERS	20320B BALLINGER WAY NE	98155	CSCSL
SHORELINE	S107474385	CITY OF SHORELINE	171 WALLINGFORD AVE N		SPILLS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

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

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 11/17/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 08/09/2006	Source: EPA
Date Data Arrived at EDR: 09/21/2006	Telephone: 703-603-8960
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/19/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 10/10/2006	Source: EPA
Date Data Arrived at EDR: 10/25/2006	Telephone: 703-603-8960
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 10/11/2006	Telephone: 800-424-9346
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 12/04/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 03/05/2007
	Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: 800-424-9346
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 12/13/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 10/24/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 08/01/2006	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/18/2006	Telephone: 202-366-4555
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 10/18/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 01/02/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 01/02/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 703-692-8801
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 11/10/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 02/05/2007
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/20/2006	Telephone: 202-528-4285
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 01/02/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients--States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/17/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/20/2006	Telephone: 202-566-2777
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 12/11/2006
Number of Days to Update: 54	Next Scheduled EDR Contact: 03/12/2007
	Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 11/17/2006
Number of Days to Update: 69	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 10/07/2006	Source: EPA
Date Data Arrived at EDR: 10/13/2006	Telephone: 703-416-0223
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 01/02/2007
Number of Days to Update: 61	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 12/19/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 10/18/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 10/19/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

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

Date of Government Version: 10/19/2006	Source: EPA
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 11/07/2006
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 07/07/2006	Source: EPA
Date Data Arrived at EDR: 08/09/2006	Telephone: 202-566-0500
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 11/29/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 02/05/2007
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 10/19/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 10/31/2006	Telephone: 301-415-7169
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 01/02/2007
Number of Days to Update: 43	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/09/2006	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/27/2006	Telephone: 303-231-5959
Date Made Active in Reports: 11/27/2006	Last EDR Contact: 12/28/2006
Number of Days to Update: 61	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/11/2006
Date Data Arrived at EDR: 10/18/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 56

Source: EPA
Telephone: N/A
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 12/04/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/15/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

CSCSL: Confirmed & Suspected Contaminated Sites List

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

Date of Government Version: 11/08/2006
Date Data Arrived at EDR: 11/16/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 14

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 11/16/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Semi-Annually

HSL: Hazardous Sites List

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

Date of Government Version: 08/23/2006
Date Data Arrived at EDR: 09/22/2006
Date Made Active in Reports: 10/11/2006
Number of Days to Update: 19

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 12/06/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: Semi-Annually

CSCSL NFA: Confirmed & Contaminated Sites - No Further Action

The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead, a No Further Action code is entered based upon the type of NFA determination the site received.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/08/2006
Date Data Arrived at EDR: 11/16/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 14

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 11/16/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Semi-Annually

SWF/LF: Solid Waste Facility Database

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

Date of Government Version: 10/12/2006
Date Data Arrived at EDR: 10/13/2006
Date Made Active in Reports: 10/31/2006
Number of Days to Update: 18

Source: Department of Ecology
Telephone: 360-407-6132
Last EDR Contact: 10/05/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Annually

SWTIRE: Solid Waste Tire Facilities

This study identified sites statewide with unauthorized accumulations of scrap tires.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 03/16/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 28

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 10/06/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Varies

LUST: Leaking Underground Storage Tanks Site List

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

Date of Government Version: 09/07/2006
Date Data Arrived at EDR: 09/14/2006
Date Made Active in Reports: 10/11/2006
Number of Days to Update: 27

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 12/14/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Quarterly

UST: Underground Storage Tank Database

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

Date of Government Version: 09/07/2006
Date Data Arrived at EDR: 09/14/2006
Date Made Active in Reports: 10/20/2006
Number of Days to Update: 36

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 12/14/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Locations

A listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program.

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 09/08/2006
Date Made Active in Reports: 10/12/2006
Number of Days to Update: 34

Source: Department of Ecology
Telephone: 360-407-7562
Last EDR Contact: 11/29/2006
Next Scheduled EDR Contact: 02/26/2007
Data Release Frequency: Varies

MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 04/24/2006
Date Made Active in Reports: 05/31/2006
Number of Days to Update: 37

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 11/13/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Annually

SPILLS: Reported Spills

Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 10/30/2006
Date Data Arrived at EDR: 10/30/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 31

Source: Department of Ecology
Telephone: 360-407-6950
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Semi-Annually

INST CONTROL: Institutional Control Site List

Sites that have institutional controls.

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 09/08/2006
Date Made Active in Reports: 10/11/2006
Number of Days to Update: 33

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 12/04/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites

Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

Date of Government Version: 11/08/2006
Date Data Arrived at EDR: 11/16/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 14

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 11/16/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Varies

ICR: Independent Cleanup Reports

These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree. This database is no longer updated by the Department of Ecology.

Date of Government Version: 12/01/2002
Date Data Arrived at EDR: 01/03/2003
Date Made Active in Reports: 01/22/2003
Number of Days to Update: 19

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 11/16/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: No Update Planned

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners who registered with the Department of Ecology (using the SIC code of 7215 and 7216) as hazardous waste generators.

Date of Government Version: 01/12/2006
Date Data Arrived at EDR: 03/23/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 21

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 11/13/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Varies

BROWNFIELDS: Brownfields Sites Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/08/2006
Date Data Arrived at EDR: 11/16/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 14

Source: Department of Ecology
Telephone: 360-725-4030
Last EDR Contact: 11/16/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Varies

CDL: Clandestine Drug Lab Contaminated Site List

Illegal methamphetamine labs use hazardous chemicals that create public health hazards. Chemicals and residues can cause burns, respiratory and neurological damage, and death. Biological hazards associated with intravenous needles, feces, and blood also pose health risks.

Date of Government Version: 06/19/2006
Date Data Arrived at EDR: 09/07/2006
Date Made Active in Reports: 10/11/2006
Number of Days to Update: 34

Source: Department of Health
Telephone: 360-236-3380
Last EDR Contact: 12/08/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: Varies

NPDES: Water Quality Permit System Data

A listing of permitted wastewater facilities.

Date of Government Version: 11/01/2006
Date Data Arrived at EDR: 11/16/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 14

Source: Department of Ecology
Telephone: 360-407-6073
Last EDR Contact: 11/16/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Quarterly

EMI: Washington Emissions Data System

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 03/16/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 28

Source: Department of Ecology
Telephone: 360-407-6040
Last EDR Contact: 10/16/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: Annually

INACTIVE DRYCLEANERS: Inactive Drycleaners

A listing of inactive drycleaner facility locations.

Date of Government Version: 01/12/2006
Date Data Arrived at EDR: 03/23/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 21

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 11/13/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Annually

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 11/10/2006
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/07/2006
Date Data Arrived at EDR: 09/08/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 61

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005	Source: EPA Region 6
Date Data Arrived at EDR: 01/21/2005	Telephone: 214-665-6597
Date Made Active in Reports: 02/28/2005	Last EDR Contact: 11/17/2006
Number of Days to Update: 38	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 09/06/2006	Telephone: 303-312-6271
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 09/11/2006	Source: EPA Region 10
Date Data Arrived at EDR: 09/11/2006	Telephone: 206-553-2857
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2006	Telephone: 415-972-3372
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-8677
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-9424
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 11/17/2006
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 08/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 09/06/2006	Telephone: 303-312-6137
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 09/11/2006	Source: EPA Region 10
Date Data Arrived at EDR: 09/11/2006	Telephone: 206-553-2857
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 09/07/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 09/08/2006	Telephone: 617-918-1313
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 61	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 08/28/2006	Source: EPA Region 6
Date Data Arrived at EDR: 08/29/2006	Telephone: 214-665-7591
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 71	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 9
Date Data Arrived at EDR: 10/04/2006	Telephone: 415-972-3368
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

KING COUNTY:

Abandoned Landfill Study in King County

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

Date of Government Version: 04/30/1985
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle-King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

KITSAP COUNTY:

Water Wells in Kitsap County

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: N/A

SEATTLE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Abandoned Landfill Study in the City of Seattle

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

Date of Government Version: 07/30/1984	Source: Seattle - King County Department of Public Health
Date Data Arrived at EDR: 11/07/1994	Telephone: 206-296-4785
Date Made Active in Reports: N/A	Last EDR Contact: 10/21/1994
Number of Days to Update: 0	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SEATTLE/KING COUNTY:

Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project

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

Date of Government Version: 12/31/1986	Source: Department of Public Health
Date Data Arrived at EDR: 08/18/1995	Telephone: 206-296-4785
Date Made Active in Reports: 09/20/1995	Last EDR Contact: 08/14/1995
Number of Days to Update: 33	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SNOHOMISH COUNTY:

Solid Waste Sites of Record at Snohomish Health District

Date of Government Version: 08/07/2006	Source: Snohomish Health District
Date Data Arrived at EDR: 11/13/2006	Telephone: 206-339-5250
Date Made Active in Reports: 11/30/2006	Last EDR Contact: 10/20/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Semi-Annually

TACOMA/PIERCE COUNTY:

Closed Landfill Survey

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

Date of Government Version: 09/01/2002	Source: Tacoma-Pierce County Health Department
Date Data Arrived at EDR: 03/24/2003	Telephone: 206-591-6500
Date Made Active in Reports: 05/14/2003	Last EDR Contact: 03/19/2003
Number of Days to Update: 51	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

OTHER DATABASE(S)

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 08/30/2006
Date Made Active in Reports: 10/16/2006
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/29/2006
Next Scheduled EDR Contact: 02/26/2007
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 81

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/08/2007
Data Release Frequency: Annually

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

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

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

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Daycare Center Listing

Source: Department of Social & Health Services

Telephone: 253-383-1735

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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Appendix B

Electronic files of EDR Report; Aerial Photos; and Sanborn Maps

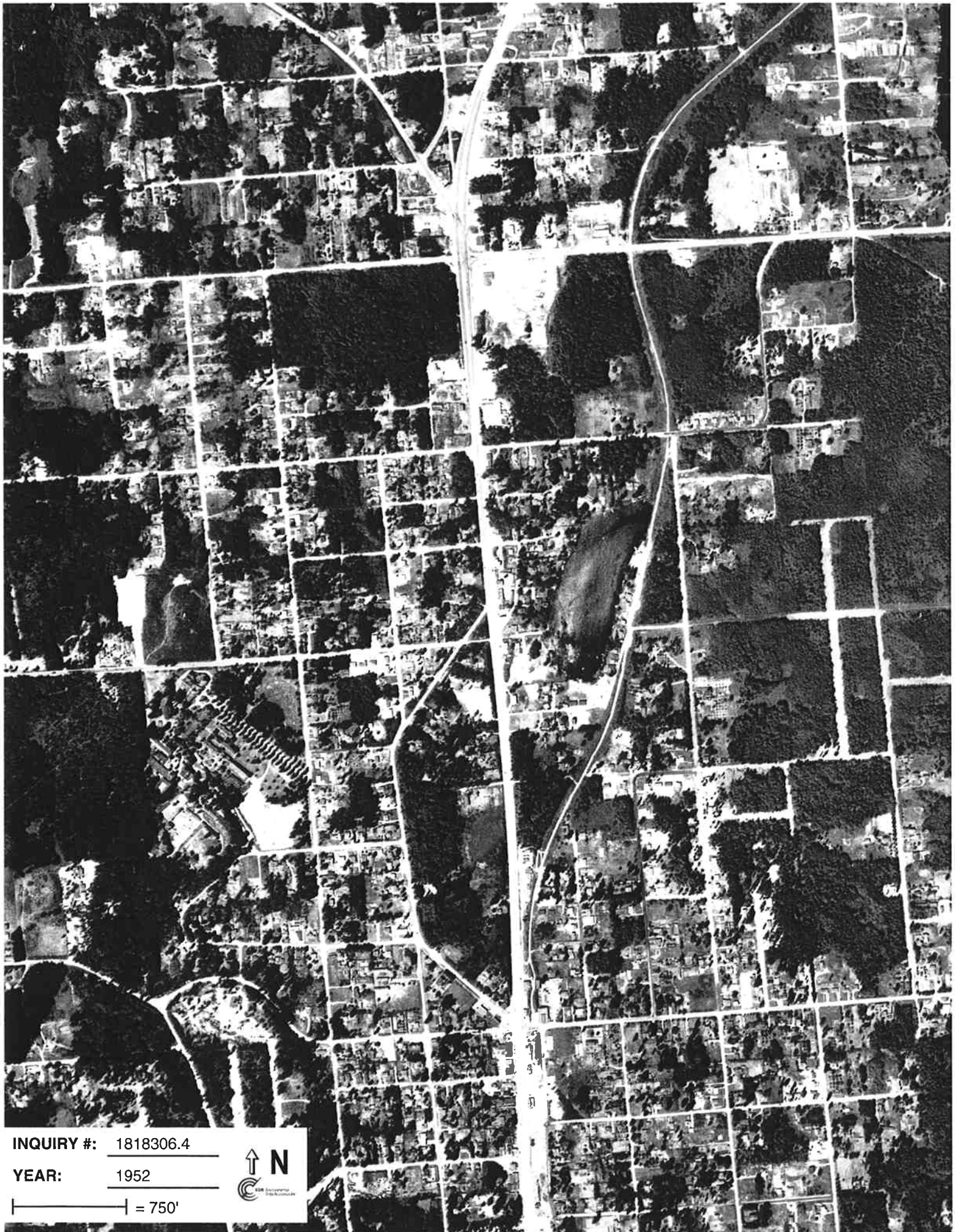


INQUIRY #: 1818306.8

YEAR: 1952

| = 750'





INQUIRY #: 1818306.4

YEAR: 1952

— = 750'



185

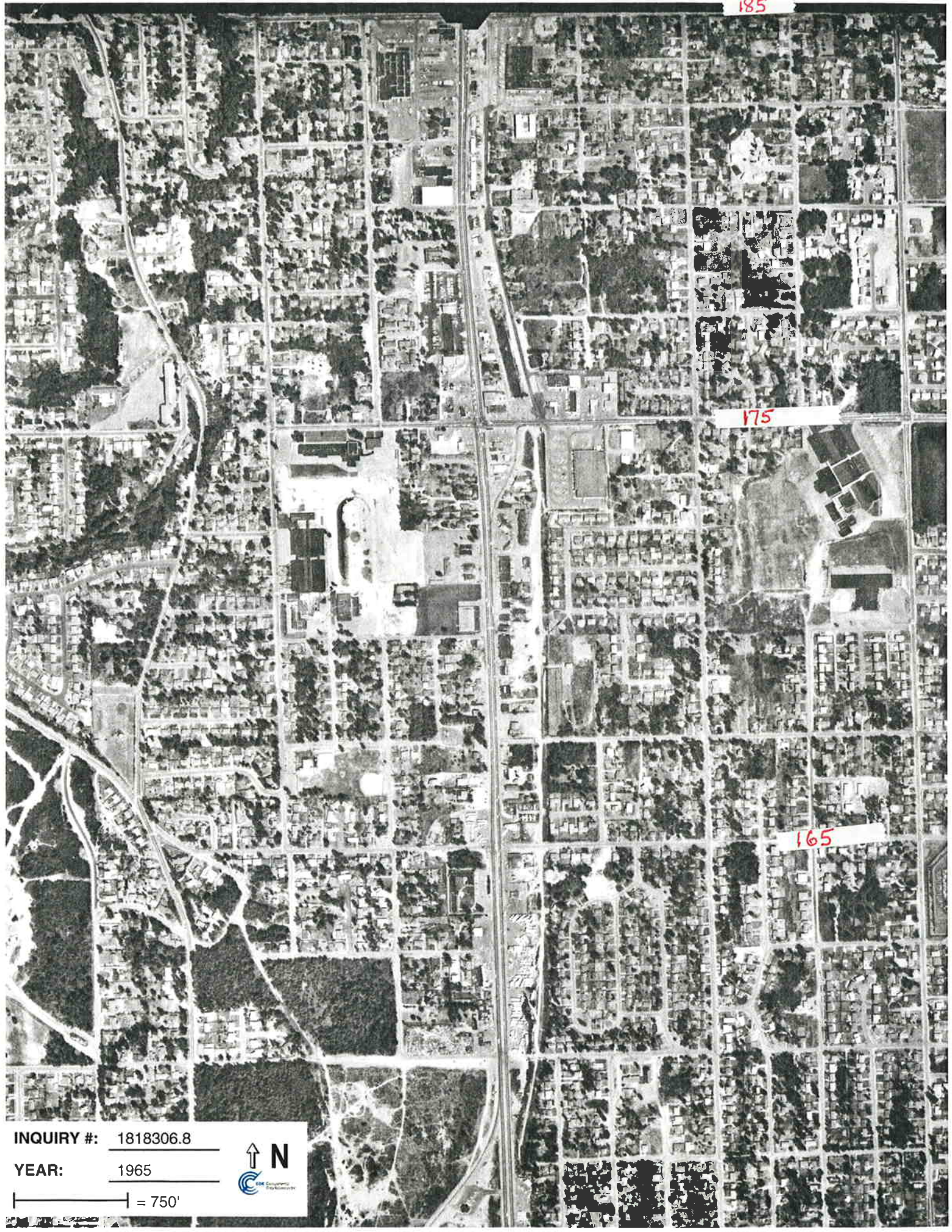
175

165

INQUIRY #: 1818306.8

YEAR: 1965

| = 750'



K#SN=65



INQUIRY #: 1818306.4

YEAR: 1965

— = 750'





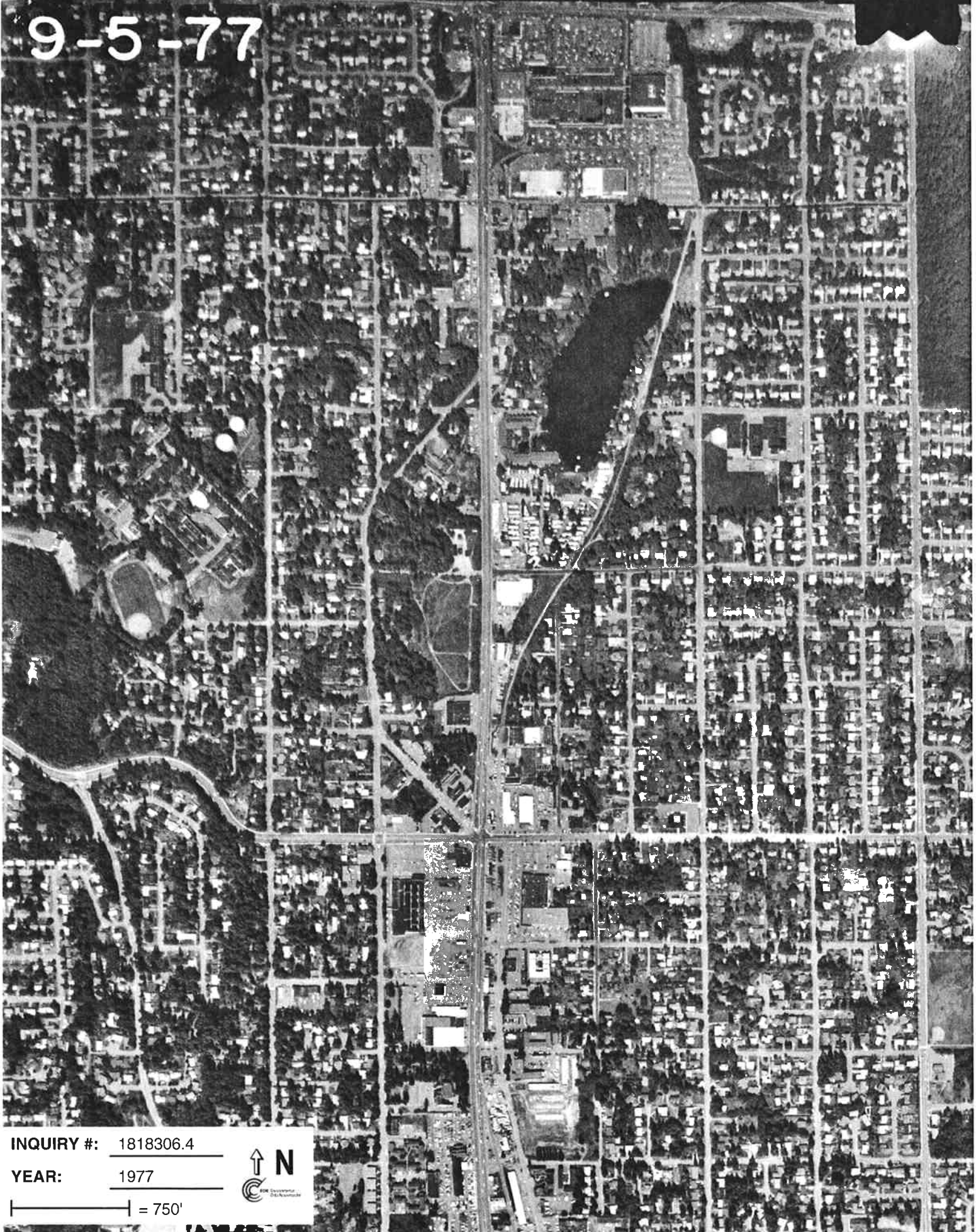
INQUIRY #: 1818306.8

YEAR: 1977

— = 750'



9-5-77



INQUIRY #: 1818306.4

YEAR: 1977

— = 750'



9-85

NA GP 85 16-



INQUIRY #: 1818306.8

YEAR: 1985

| = 750'



85

NA SP-85

16-05



INQUIRY #: 1818306.4

YEAR: 1985

— = 750'





INQUIRY #: 1818306.8

YEAR: 1990

| = 833'





INQUIRY #: 1818306.4

YEAR: 1990

| = 833'





"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Evan Nelson
Jones & Stokes
11820 Northup Way
Bellevue, WA 98005

Order Date: 1/2/2007 **Completion Date:** 1/2/2007
Inquiry #: 1818306.3
P.O. #: NA
Site Name: Shoreline Aurora Ave 195th St

Customer Project: 61001.06
6010341BRU 425-893-6421

Address: Aurora Ave N and N 175th St.
City/State: Shoreline, WA 98133
Cross Streets:

This document reports that the largest and most complete collection of Sanborn fire insurance maps has been reviewed based on client supplied information, and fire insurance maps depicting the target property at the specified address were not identified.

NO COVERAGE

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.



"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Evan Nelson
Jones & Stokes
11820 Northup Way
Bellevue, WA 98005

Order Date: 1/2/2007 **Completion Date:** 1/2/2007
Inquiry #: 1818306.7
P.O. #: NA
Site Name: Shoreline Aurora Ave N 175th St

Customer Project: NA
6010341BRU 425-893-6421

Address: Aurora Ave N/175th St
City/State: Shoreline, WA 98133
Cross Streets:

This document reports that the largest and most complete collection of Sanborn fire insurance maps has been reviewed based on client supplied information, and fire insurance maps depicting the target property at the specified address were not identified.

NO COVERAGE

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