

L | Hazardous Materials ISA-Level Discipline Report

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SR 502 CORRIDOR WIDENING

IMPROVING SAFETY • INCREASING CAPACITY • REDUCING CONGESTION

I-5 TO BATTLE GROUND

FINAL

Hazardous Materials ISA-Level Discipline Report

Prepared for:

Washington State Department of Transportation
Southwest Region
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May 2008

Revised April 2009

This project is also referred to as “SR 502/I-5 to Battle Ground – Add Lanes”.

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Errata Sheet

Hazardous Materials ISA-Level Discipline Report

November 2009

Throughout: The “Mill Creek North potential mitigation site” was selected as a mitigation site and purchased by Washington State Department of Transportation (WSDOT) in 2009, therefore the name of this site is now the “Mill Creek North mitigation site.”

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Executive Summary

The purpose of this Executive Summary is to summarize the findings of the Final Hazardous Materials ISA-Level Discipline Report for the SR 502 Corridor Widening Project.

What methods were used to identify hazardous materials in the study area?

Known or potentially contaminated sites located within 1,000 feet of project improvements were identified by reviewing state and federal regulatory databases, historical mapping, Washington State Department of Ecology (Ecology) and State Archives site files, and through a field reconnaissance of the study area. Previous environmental documentation was reviewed which included *WSDOT I-5/SR 502 Interchange Project Hazardous Materials Report*, the *I-5/SR 502 Interchange Environmental Baseline Report*, and associated site reconnaissance memorandum performed at 3001 NE 219th Street. The Land Use/Agriculture and Farmland/Public Lands/Relocations and Right of Way Acquisition Discipline Report and Soils and Geology Discipline Report for this project were also reviewed.

The Washington State Department of Transportation (WSDOT) Environmental Procedures Manual provided direction on hazardous materials concerns consistent with Federal Highway Administration (FHWA) guidance for environmental document preparation.

How were hazardous materials effects determined?

Potential hazardous materials effects were determined by comparing conceptual alignment drawings of the proposed project facilities against known and potentially contaminated sites from plans, maps, photos, and field data for the study area.

What are the existing conditions in the study area?

Land use in the study area is mainly residential and agricultural, but also includes commercial and light-industrial uses. Large areas of open space also characterize portions of the area.

Within the study area, SR 502 passes through a semi-rural area of unincorporated Clark County. Land uses in this area include a variety of low-density residential homes, agricultural uses, churches, and rural commercial properties. Dollars Corner, a rural commer-

Study Area

1,000 feet outside of project footprint



*Hazardous Materials Site 5:
Current Service Station*

cial center, is located at the intersection of SR 502 and NE 72nd Street, and includes a cluster of rural commercial businesses.

Exhibit 1 shows the validated hazardous materials sites in the study area.

Exhibit 1 Validated Hazardous Material Sites in the Study Area

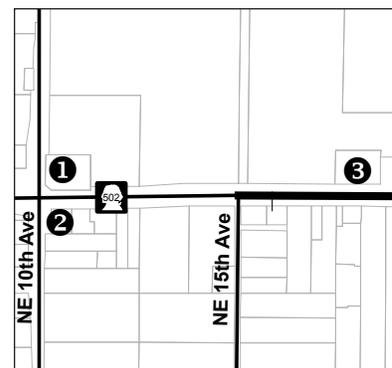
Effect Ranking	Map ID	Site Description	Approximate Location
High Potential	5	Service Station	SR 502/NE 72nd Avenue
	6	Auto Wrecking and Tow/Auto Sales	SR 502/NE 72nd Avenue
	7	NE 72nd Avenue Drum Site	SR 502/NE 72nd Avenue
	8	Truck Salvage	SR 502/NE 72nd Avenue
Medium Potential	1	Service Station and Store	SR 502/NE 10th Avenue
	2	Former Service Station	SR 502/NE 10th Avenue
	3	Spill Location	SR 502/NE 19th Avenue
Low Potential	4	NE 219th Street Multi-use Site	SR 502/NE 29th Avenue
	9	Pipeline Corporation	SR 502/NE 87th Avenue
	10	WSDOT Battle Ground State Highway Property	SR 502/NE 29th Avenue

What are the temporary effects?

No substantially contaminated sites were identified that would pose a substantial effect during project construction. Ten sites containing known or potential hazardous materials were identified within 1,000 feet of the proposed project improvements; however, hazardous materials at these sites are considered reasonably predictable in nature because of each site's documented environmental history, the contaminants of concern, their physical location in relation to the study area and/or current site conditions. Four of the ten sites are considered high potential effect due to documented onsite contamination and project acquisitions planned at these sites.

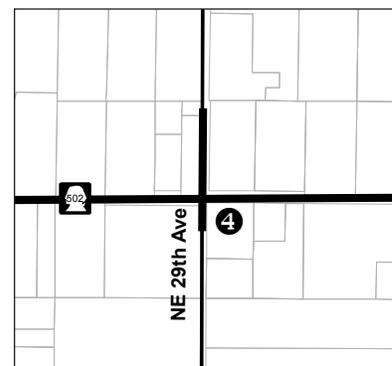
Land Use in the Study Area

Land use in the study area is mainly residential and agricultural, but also includes commercial and light-industrial uses. Large areas of open space also characterize portions of the area.



Hazardous Materials Sites & Effect Rankings

- 1: Medium Potential
- 2: Medium Potential
- 3: Medium Potential



Hazardous Materials Sites & Effect Rankings

- 4: Low Potential

Partial acquisitions are planned at five of the ten hazardous materials sites identified in the study area. Four of these sites are located near the intersection of SR 502 and NE 72nd Avenue. One site is located near the intersection of SR 502 and NE 87th Avenue. Further investigation of these hazardous materials sites is recommended. The potential exists for WSDOT to incur liability issues associated with acquisition and/or construction at these sites from contaminated soil and/or groundwater.

Construction effects relating to hazardous materials may occur. Construction activities in areas of known or potential soil and/or groundwater contamination could have an effect on human health and the environment. During construction, grading and dewatering activities in these areas could cause worker exposure to contaminants. Grading in areas of contaminated soil and groundwater could mobilize contaminants. Dewatering in areas of contaminated soil and groundwater could result in contamination in the area where the water is discharged.

Unidentified contamination resulting from storage tanks, asbestos-containing materials (ACM) and lead-based paint (LBP) may also be encountered during excavation, earthwork, grading and utility work.

What are the long-term effects?

Effects from hazardous waste and waste from normal operations of SR 502 following the project would primarily be associated with runoff of contaminants entrained in stormwater. Contaminants likely to be found in stormwater runoff include fuel, petroleum lubricants, heavy metal compounds from tires and brake pad dust, and automobile engine coolants such as ethylene glycol leaking from passing vehicles. However, stormwater and water quality treatment facilities would be designed to collect and retain pollutants from traffic along the project corridor.

Construction of the project would improve traffic operations along the entire project corridor. This would ultimately help reduce the risk of accidents including those involving the release of hazardous materials, and would thereby decrease the amount of harmful materials that might enter soil and water resources in the study area.



Hazardous Materials Sites & Effect Rankings

- 5: High Potential
- 6: High Potential
- 7: High Potential
- 8: High Potential



*Hazardous Materials Site 8:
Truck Salvage*



Hazardous Materials Sites & Effect Rankings

- 9: Low Potential

What are the effects if the project is not built?

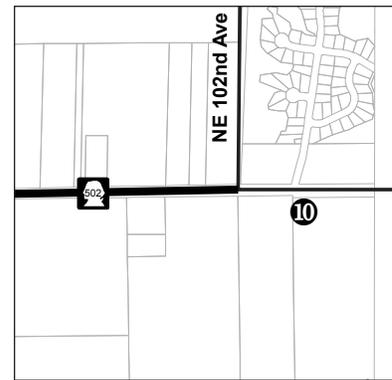
No direct effects on hazardous materials are anticipated without the construction of the project as SR 502 would remain unchanged from present conditions.

What measures are proposed to minimize or avoid negative effects to hazardous material sites?

The following measures could be taken to avoid and minimize temporary effects to or from hazardous materials. Measures include:

- Initial Site Assessments (ISA) of all properties where a full or partial acquisition is planned to accurately assess the potential for existing environmental contaminants on each property.
- Arrange with utilities to remove and relocate transformers as necessary along the alignment.
- Conduct pre-demolition asbestos and lead surveys for all structures to be demolished. If necessary, proceed with removal and disposal in accordance with regulations.
- Evaluate structures to be demolished for the presence of hazardous materials. Conduct site assessments as necessary to evaluate soil and groundwater conditions in the vicinity of the hazardous materials. Remove and dispose of hazardous materials, and remediate contaminated soil and groundwater in accordance with applicable regulations.
- Evaluate soil conditions in the vicinity of identified hazardous materials sites during construction excavation and grading. In the event hazardous materials are encountered, soil and groundwater shall be characterized to determine appropriate handling and disposal requirements in accordance with applicable regulations. In the event an abandoned underground storage tank (UST) is encountered, the UST and associated contamination will be addressed in accordance to the regulations.
- Remediate as necessary in accordance with applicable regulations.

While there would not be any long term effects to or from hazardous materials, an emergency response plan would be implemented. Other mitigation guidance is described in detail in the body of this report.



*Hazardous Materials Sites & Effect Rankings
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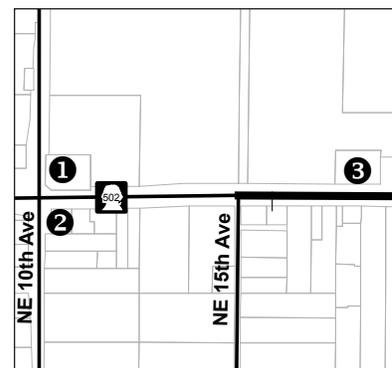
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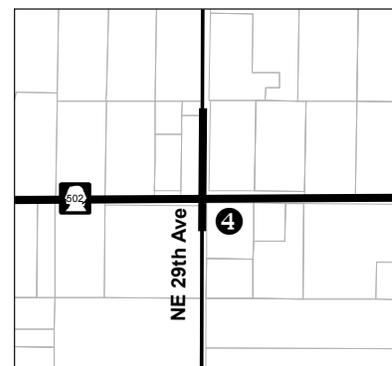
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*Hazardous Materials Site 8:
Truck Salvage*



Hazardous Materials Sites & Effect Rankings

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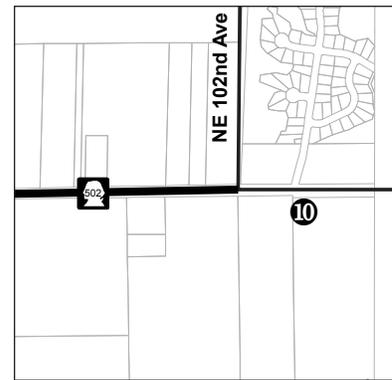
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*Hazardous Materials Sites & Effect Rankings
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1.0 Introduction

The SR 502 Corridor Widening Project is located in north Clark County, Washington along SR 502 (NE 219th Street) between NE 15th Avenue and NE 102nd Avenue. The western terminus of the project area is approximately one mile east of Interstate 5 (I-5) and the eastern terminus is NE 102nd Avenue. The project would widen an approximate five mile segment of SR 502 from two travel lanes to four travel lanes and upgrade several intersections to improve mobility and safety. Currently, SR 502 is a rural, two-lane highway. There is one signalized intersection at SR 502 and NE 72nd Avenue. For a more detailed description of the project, see the separate *Revised Description of Alternatives* document (Parsons Brinckerhoff, 2008d).

The purpose of this document is to describe the existing hazardous materials conditions, discuss effects and benefits the project would have on or from hazardous materials, and identify mitigation measures to address adverse effects as needed. The information contained in this discipline report will be used to support the project's Environmental Impact Statement (EIS).

2.0 Studies, Coordination, and Methods

The hazardous materials study follows procedural guidelines within Washington State Department of Transportation (WSDOT) Environmental Procedures Manual, M31-11 (2007). FHWA Supplemental Hazardous Waste Guidance (1997) and Federal Highway Administration (FHWA) Hazardous Wastes in Highway Rights of Way (1994) were also used in preparation of this report.

2.1 Introduction and Methodology

This report identifies and evaluates known and potentially contaminated sites in the study area. The report describes existing hazardous materials in the study area, identifies probable effects from hazardous materials, and lists potential mitigation measures to address identified effects.

The affected environment section describes existing land uses as described in the project's *Final Land Use/Agricultural and Farmland/Public Lands/Relocations and Right of Way Acquisitions Discipline Report* (Parsons Brinckerhoff, 2008a). Sources of information used to determine existing conditions can be found in that report.

The effects section describes direct, indirect, and cumulative land use effects that would be expected to occur as a result of the project. Potential hazardous materials effects were determined by comparing conceptual alignment drawings of the proposed project facilities against known hazardous materials information from plans, maps, photos, and field data for the study area.

Recommended mitigation measures that could be implemented to avoid or minimize adverse effects are described in the mitigation section.

2.2 Study Area

The study area is within unincorporated Clark County along SR 502 beginning at NE 15th Avenue and continuing east to NE 102nd Avenue. The study area is 200 feet north and south from the centerline of the roadway. At the intersections of NE 29th Avenue and NE 50th Avenue, the study area extends 500 feet north and south of the intersections and 100 feet east and west from

the centerlines of NE 29th Avenue and NE 50th Avenue. At the intersection of NE 92nd Avenue, the study area is similar to the other intersections except that for NE 92nd Avenue, it only extends north. At the SR 502/72nd Avenue intersection, or Dollars Corner, the study area extends 1,000 feet north and south of the intersection and 3,000 feet east and west of the intersection.

The study area also includes an off-site parcel approximately six miles south of SR 502, northeast of the I-205/Padden Parkway intersection between NE 88th Street and NE 99th Street in the City of Vancouver. Referred to as Sunset Oaks, the 35-acre undeveloped site would be used as a mitigation site for adverse effects to wetlands within the study area along SR 502.

2.3 Historical Records Review

The historical records review assesses the nature of historical and current uses of the study area and adjacent properties. Historical record sources are reviewed for indications of past occupants or businesses in the study area that may have had the potential to affect the soil or groundwater within the project corridor. Where available, the historical record sources include historical aerial photos, city directories, Sanborn and topographical maps, site assessor records, interview records, and memorandum, environmental reports/permits, local records, and any applicable historical records reasonably available.

2.3.1 Historical Topographic Maps

Historical topographic maps were reviewed from Environmental Data Resources (EDR), Inc. Topographic maps from 1947, 1954, 1970, and 1990 for Ridgefield and Battle Ground quadrangles. The earlier maps showed slightly less development with far fewer established roads intersecting SR 502 in the study area. While it is not clear whether the structures that appear on the maps are consistent with those of the present, structures are located in the area of SR 502 and NE 72nd Avenue, which is the location that has the highest concentration of hazardous materials sites.

2.3.2 Fire Insurance Maps

A search for Sanborn Fire Insurance Maps was conducted with EDR; no coverage was available for the study area.

2.3.3 City Directories

A city directories review was conducted at the Fort Vancouver Public Library in Vancouver, Washington; no coverage was available for the study area.

2.3.4 I-5/SR 502 Interchange Hazardous Materials Discipline Report

The *I-5/SR 502 Interchange Hazardous Materials Discipline Report* (Herrera Environmental Consultants, 2005) was reviewed for findings that also described the nearby SR 502 Corridor study area. Information from this review is presented in this report.

2.3.5 I-5/SR 502 Interchange Environmental Baseline Report

The *I-5/SR 502 Interchange Environmental Baseline Report* (Parsons Brinckerhoff, 2004) was reviewed for findings that provide additional detail on the history of the SR 502 Corridor study area. Information from this review is presented in this report.

2.3.6 WSDOT Memorandum: I-5 to SR 502 Interchange – Multi-use property at NE 219th Street – Site Reconnaissance

This memorandum, prepared by WSDOT's Hazardous Materials Program (November, 2006) was reviewed to obtain additional detail on the site status of this property adjacent to the SR 502 Corridor Project. Conclusions from the memorandum detailed that the site had areas of minor spills of contaminants and the possibility existed of other unseen contamination; however, no further investigations were warranted and recommended that WSDOT proceed with the acquisition of this site. Information from this review is presented in this report.

2.4 Regulatory Review

A regulatory data search was conducted consistent with standard guidance established by the American Society for Testing and Materials (ASTM) E1527 Standards, WSDOT and the FHWA. A review of the regulatory database records included in the EDR report was conducted to identify recorded potential contamination sources within a one-mile radius of the approximate center line of SR 502, along the length of the study area. EDR was contracted to provide a comprehensive search of existing environmental regulatory agency databases for known or suspected environmental concerns within the study area. The EDR report includes a list of databases searched, a statistical profile indicating the number of properties within the study area, selected detailed information from federal and state lists, and maps illustrating the identified sites of interest or concern within the study area. Identified sites are located on a project map provided by EDR. See Appendix A for the EDR report.

The search of publicly available federal, state, and local environmental databases for information on sites includes but is not limited to the following operations:

- Location of registered underground storage tanks (USTs) and leaking underground storage tanks (LUSTs)
- Facilities that use, generate, treat, store or dispose of hazardous wastes and/or substances
- Transporters of hazardous wastes
- Solid waste landfill locations
- Unauthorized spills and releases of hazardous/regulated substances
- Sites undergoing investigations and/or cleanup

The environmental databases searched for the SR 502 Corridor Widening Project are summarized in Exhibit B-1, located in Appendix B. Sites identified during the environmental database search are screened to determine their potential to affect the project. Site screening takes into consideration the nature of the database listing (e.g., the occurrence or potential for a contaminant release) and the distance of the listed site from the project alignment. After site screening, sites are further evaluated by reviewing the site-specific information provided in the database report to assess the potential for a site to adversely affect construction (e.g., small spill, soil contamination only, case closed, etc.). Sites screened to not contribute to hazardous material

related effects at the study area are included in Appendix C, along with designations for their screening.

2.4.1 Federal Databases

The following federal databases are maintained by the U.S. EPA to track sites under past or current investigation for potential hazardous materials releases to the environment. This list includes databases that track the hazardous materials from generation to disposal. Only databases that included sites located within the study area are described in this section. Definitions of all databases searched are included in Appendix B.

Resource Conservation and Recovery Act-Small Quantity Generators (RCRA-SQG)

The RCRA-SQG database includes information on small quantity generators of hazardous waste as defined by the RCRA. Small quantity generator sites are sites that generate between 100 and 1,000 kilograms of hazardous waste per month. If a site is listed in this database it does not mean it is associated with an environmental release to the environment, but the potential for a release to occur exists because hazardous waste is handled on site. Seven RCRA-SQG sites were identified in the study area. Two of the seven sites listed within the RCRA-SQG database are associated with an environmental release recorded in a separate database and detailed further in Section 2.6 of this report.

Facility Index System (FINDS)

The FINDS database contains both facility information and acts as a pointer to other databases that contain additional information on a facility. The 11 FINDS sites identified in the study area are not considered likely to affect the study area as the FINDS listing does not signify that an environmental release has occurred. One of the 11 FINDS sites are associated with an environmental release recorded in a separate database and detailed further in Section 2.6 of this report.

2.4.2 State Databases

The state of Washington and county governments also maintain databases of information on hazardous materials sites. Only databases that included sites located within the study area are described in this section. Definitions of all databases searched are included in Appendix B. Site summaries identified by Map ID can be found on Exhibit 1 with site locations identified on Exhibit 2.

Confirmed and Suspected Contaminated Sites List (CSCSL)

The CSCSL is a listing of the State Hazardous Waste Sites, which is Washington's equivalent to the federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) list. Included in the CSCSL are sites that have been prioritized for cleanup using state funds (equivalent to the federal Superfund National Priorities List) and sites where potentially liable parties will pay for cleanup costs. Four sites were identified in the database search; two of the four sites were located at least one-half-mile from the study area; a former service station (Map ID 2) and a state highway property (Map ID 10) are located within 1,000 feet of the study area and described further in the Validated Sites section of this report.

State Landfill (SWF/LF)

The state landfill database contains an inventory of Solid Waste Facilities/Landfill Sites in Washington. These listings may be for active or inactive sites that do not meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites. Two sites were identified in the database search. Portions of both sites, an auto wrecking site (Map ID 6) and a truck salvage site (Map ID 8), are located within the study area and described further in the Validated Sites section of this report.

Leaking Underground Storage Tanks (LUST)

The LUST database contains an inventory of reported leaking underground storage tank incidents. The data comes from Ecology's LUST Site List. Four LUST sites were identified in the database search. Two listings are for current service stations (Map ID 1 and Map ID 5), one listing is for a former service station (Map ID 2), and the third listing is for a service station located over 1,000 feet from the study area. Sites 1, 2, and 5 are described in the Validated Sites section of this report.

Underground Storage Tanks (UST)

The UST database contains registered USTs. USTs are regulated under Subtitle I of the RCRA. The data come from Ecology's Statewide UST Site/Tank Report. The UST database contains information on the site location, number of tanks present, materials stored, dates of installation and removal, and other pertinent information for registered underground tanks. USTs pose a threat to the environment from leaks in piping and/or the tank itself. Sites listed in this database are registered with Ecology as containing regulated substances. Two of the eight sites identified in the database search are service stations associated with environmental releases at or near the study area. The first service station (Map ID 2) is now closed and was located within 1,000 feet west of the study area. The second service station (Map ID 5) remains in service and is located within the study area. Both sites are associated with additional database listings; their environmental regulatory histories and site status at the time of this report will be discussed in the Validated Sites section of this report. The remaining six sites are not associated with environmental releases at or near the study area.

Manifest List

The Manifest database contains sites that are required to report hazardous materials on site. One Manifest site, a natural gas pipeline facility was identified in the database search. No report of a release to the environment was identified for this site (Map ID 9); however, due to the materials handled on site and the adjacent proximity of this site to the study area, the natural gas pipeline facility is discussed further in the Validated Sites section of this report.

Reported Spills (SPILLS)

The SPILLS database contains an inventory of active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites. Three SPILLS sites were identified in the database search. All three SPILLS listings are discussed in the Validated Sites section of this report and can be located on Exhibit 2 as Map ID 3, Map ID 5, and Map ID 7.

Washington Independent Cleanup Report (WA ICR)

The WA ICR lists sites that have submitted independent remedial action reports to Ecology. The remedial actions taken at these sites have been conducted without Ecology oversight or approval and are not under an order or decree. Four WA ICR sites were identified in the database search. Two listings are for current service stations (Map ID 1 and Map ID 5), one listing is for a former service station (Map ID 2), and the third listing is for a service station located over 1,000 feet from the study area. Sites 1, 2, and 5 are described in the Validated Sites section of this report.

2.5 Windshield Survey of the Project Corridor

A windshield survey was conducted on November 7, 2007 to physically observe properties within and immediately adjacent to the project corridor. The windshield survey is limited to features readily observed from public access corridors and does not include entering or viewing conditions within buildings. The windshield survey physically observes and field verifies the location of properties identified from the regulatory database and historical records review. The windshield survey includes a visual review to identify and record any land uses likely to generate hazardous materials and the presence of recognized environmental conditions which have the obvious potential to affect the study area. No new potential hazardous materials sites were observed during the site reconnaissance. Relevant information about each site is summarized in Exhibit 1. Photographs of the potential hazardous materials sites are included as Appendix D of this report.

Archaeological Investigations Northwest, Inc. performed several archaeological surveys of the study area from November 2007 to January 2008 and observed no signs of contaminated materials or buried materials in the study area.

2.6 Site Screening

Site screening describes the methodology for how a large number of sites are screened to quickly identify properties of potential concern. Based on information gathered from the Historical Review, Regulatory Review, and Windshield Survey, a logical screening methodology is established that eliminates sites that pose little to no risk and do not warrant further investigation. Sites retained for further investigation are “validated” (confirmed to pose some risk to the project) and are described in detail.

To evaluate potential effects and identify hazardous material sites of concern for the project, sites identified during the database search and field reconnaissance are classified as reasonably predictable or substantially contaminated sites. Each site identified in the study area was evaluated to determine the nature of the release and affected media by reviewing the information provided in the EDR Report and by reviewing Ecology file information. These sites were also reviewed for their respective distances from the study area. For this analysis, all sites that had reported releases within 1,000 feet of the study area were evaluated. Sites located further than 1,000 feet from the study area were not evaluated due to the low potential for releases to migrate in excess of 1,000 feet.

2.6.1 Substantially Contaminated Sites

Substantially contaminated sites are typically larger sites or sites that have large volumes of contaminated materials, have a long history of industrial or commercial land use, and the

contaminants are persistent and difficult or expensive to manage. A considerable amount of environmental data may be available for substantially contaminated sites; however, the cost liability associated with these can be substantial.

No substantially contaminated sites were identified in the project limits.

2.6.2 Reasonably Predictable Sites

Reasonably predictable sites are sites where recognized environmental conditions are known based on existing data or can be predicted based on site observations, previous experience in similar situations, or by using best professional judgment. These sites are typically small, the contaminants are localized and are relatively non-toxic, and abatement/remediation activities are routine (e.g., abatement, or petroleum hydrocarbon-contaminated soil remediation). All sites identified in Exhibit 1 and located on Exhibit 2 represent reasonably predictable sites.

2.7 Validated Sites

Validated sites identify specific properties that are recognized as posing a potential concern to the project through the previously described research and screening methodology. Sites of concern would include sites that may 1) affect the environment during construction, 2) create construction effects, and 3) incur cleanup liability to WSDOT. After sites are “validated,” an agency file review (i.e., Ecology Records) is conducted to obtain site specific information for sites with regulatory records.

Based on the results of the EDR Reports and historical background analysis, files from the Ecology Southwest Regional Office in Lacey, Washington and files stored at the Washington State Archives Office in Olympia, Washington were reviewed on December 18, 2007. The focus of each review was to identify sites that may have not been correctly identified within the EDR Reports or may not have included the most updated information regarding current environmental conditions within the study area. Sites of potential concern based on documented environmental releases and distance from the study area are listed on Exhibit 1. For each site identified, Exhibit 1 presents a corresponding Map ID number, database listings, contaminants of concern, and the affected media. Exhibit 2 identifies the site locations in the study area.

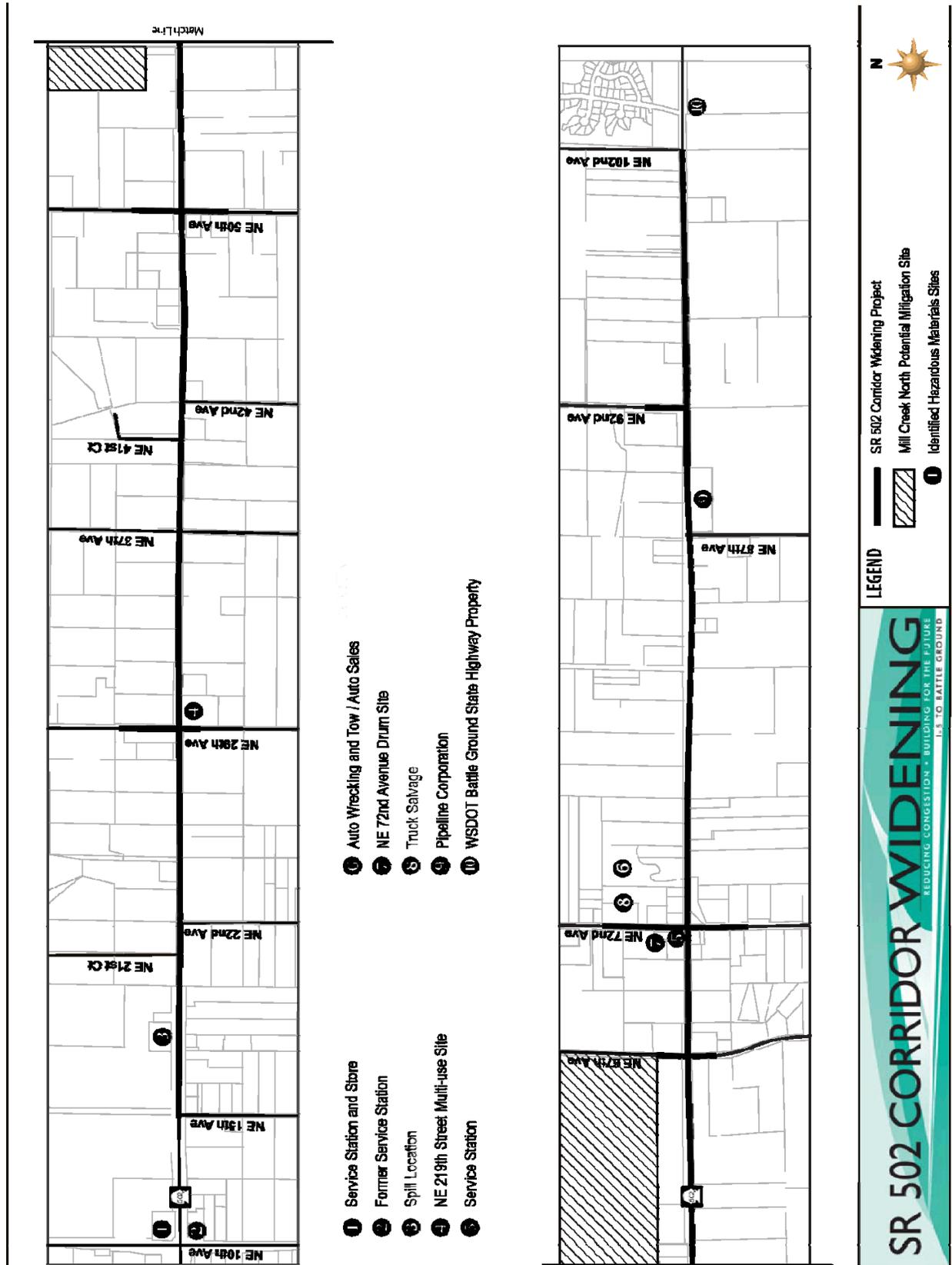
2.8 Coordination

Project coordination to date has included discussions with the project team, WSDOT, Clark County, and City of Battle Ground officials. The project team has also met with the public and presented project information to obtain feedback during several project phases. Ecology representatives in Lacey, Washington and State Archives offices in Olympia, Washington were visited to obtain site files for hazardous material sites of concern.

Exhibit 1. Identified Reasonably Predictable Hazardous Material Sites in the Study Area

Map ID	Site Name	Approximate Location	Database	Contaminants of Concern	Affected Media
1	Service Station and Store	SR 502/NE 10 th Avenue	ICR, LUST	Petroleum Products	Soil and groundwater
2	Former Service Station	SR 502/NE 10 th Avenue	ICR, UST, LUST, CSCSL	Petroleum Products	Soil and groundwater
3	Spill Location	SR 502/NE 19 th Avenue	Spills	Petroleum Products	Soil
4	NE 219 th Street Multi-Use Site	SR 502/NE 29 th Avenue	None	Solvents, Metals, Petroleum Products	Soil
5	Service Station	SR 502/NE 72 nd Avenue	LUST, UST, ICR, Spills	Petroleum Products	Soil
6	Auto Wrecking and Tow / Auto Sales	SR 502/NE 72 nd Avenue	SWF/LF	Solvents, Metals, Petroleum Products	Soil
7	72 nd Avenue Drum Site	SR 502/NE 72 nd Avenue	RCRA-SQG, Spills	Petroleum Products	Soil
8	Truck Salvage	SR 502/NE 72 nd Avenue	SWF/LF	Solvents, Metals, Petroleum Products	Soil
9	Pipeline Corporation	SR 502/NE 87 th Avenue	RCRA-SQG, FINDS, WA MANIFEST	Natural Gas	None reported
10	WSDOT Battle Ground State Highway Property	SR 502/NW 29 th Avenue	CSCSL	Petroleum Products	Soil

Exhibit 2. Hazardous Material Site Locations



3.0 Affected Environment

This section describes the affected environment, or existing conditions, within the study area.

3.1 Physical Environment

Information for this section was obtained, where applicable from the project's *Final Soils and Geology Discipline Report* (Parsons Brinckerhoff, 2008c) and the project's *Final Water Quality/Surface Water/Floodplains/Groundwater Discipline Report* (Parsons Brinckerhoff, 2008b).

3.1.1 Geology/Topographic Setting

The study area is located within the Puget-Willamette Lowlands province, which extends from the United States-Canadian border into west-central Oregon, between the Coast Ranges and the Cascade Range. The study area is within a portion of the Puget-Willamette Lowlands known as the Portland Basin. The Portland Basin is a topographic and structural depression formed by volcanic and marine sedimentary rocks of Eocene to Miocene age. Overlying the bedrock are thick sequences of glacial flood and alluvial deposits dating to Miocene age.

The study area is characterized by plains and gently rolling alluvial terraces. The elevation at the west end of the study area is approximately 270 feet above mean sea level (msl). Proceeding east through gently rolling terrain a maximum elevation of 280 feet msl is reached before steadily decreasing to a low of 190 feet msl at Manor Trough (part of what is also known as the Mill Creek North potential mitigation site) just west of NE 67th Avenue (Exhibit 2), and subsequently increasing through gently rolling terrain to an elevation of 270 feet msl at the east project terminus.

The surface and near surface geology in the study area is primarily catastrophic flood deposits of silty medium to very fine sand. These deposits have been ascribed to temporary ponding of enormous floods which resulted from repeated ice dam failures from glacial Lake Missoula during the Pleistocene epoch to as recently as 13,000 years ago. An alluvial fan of gravel from the Troutdale Formation, a unit of weakly consolidated nonmarine sedimentary rocks, is mapped at Manor Trough.

3.1.2 Soils

There are eight soil types within the study area, as identified by the Soil Survey of Clark County, Washington (USDA, 2007). Five of the soil types in the study area have prime farmland soil characteristics: Gee silt loam (0 to 8 percent slopes), Hesson clay loam (0 to 5 percent slopes), Washougal gravelly loam (0 to 8 percent slopes), Lauren loam (0 to 8 percent slopes), and Dollar loam (0 to 5 percent slopes). Two other soils, Tisch silt loam (0 to 3 percent slopes) and Hockinson loam (moderately drained, 0 to 8 percent slopes) would have prime farmland characteristics if drained. Odne silt loam (0 to 5 percent slopes) does not have prime farmland characteristics.

Additional detail on soil mapping is provided in the project's *Final Soils and Geology Discipline Report* (Parsons Brinckerhoff, 2008c).

3.1.3 Hydrologic Setting

The study area straddles the East Fork Lewis River Subbasin (Water Resource Inventory Area (WRIA) #27) and the Salmon Creek Subbasin (WRIA #28). Unnamed tributaries to Gee Creek are the surface water bodies that are within the western portion of the study area and associated with the East Fork Lewis River Subbasin. Mill Creek, a tributary to Salmon Creek, is the surface water body within the eastern and central portion of the study area and is associated with the Salmon Creek Subbasin. Gee Creek discharges to the Columbia River immediately upstream of the confluence of the Lewis and Columbia Rivers.

The Puget-Willamette Trough aquifer system underlies an elongated basin that extends southward from near the Canadian border in Washington to central Oregon. In the central area of the basin, which includes the study area, natural discharge from unconsolidated deposits and Miocene basaltic-rock aquifers flows mostly toward the Columbia River. In this area, large volumes of water are withdrawn by wells in and near the Columbia River Valley.

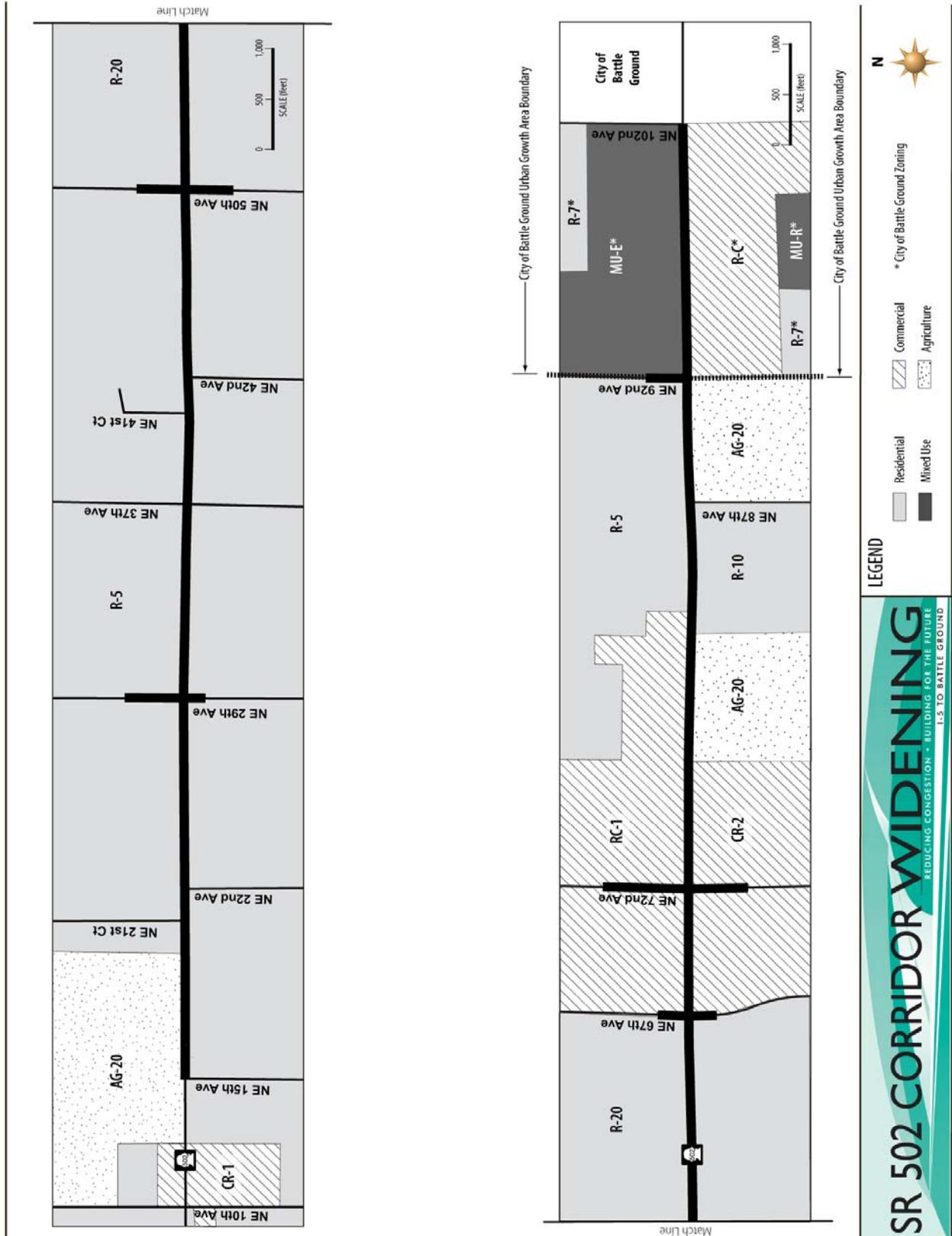
A review of the well drilling logs for private land owners along the SR 502 Corridor indicates that groundwater is first encountered at a depth of 41 to 88 feet below level ground in a layer of cemented and partially-cemented gravel. The shallower depths to groundwater occur between NE 50th and NE 72nd Avenues. Static water levels range from a depth of 23 to 88 feet below level ground, with the shallower depths also occurring between NE 50th and NE 72nd Avenues. Recharging of groundwater primarily occurs by direct infiltration and seepage from precipitation, surface waters, and surface runoff.

3.2 Land Use

Within the study area, SR 502 passes through a semi-rural area of unincorporated Clark County. Land uses in this area include a variety of low-density residential homes, agricultural uses, churches, and rural commercial properties. Dollars Corner, a rural commercial center, is at the intersection of SR 502 and NE 72nd Street, and includes a cluster of rural commercial businesses. Exhibit 3 identifies land uses as represented by zoning in the study area.

One off-site area has been identified as a wetland banking mitigation site for project effects to wetlands in the study area (Exhibit 4). The Sunset Oaks wetland mitigation site is located approximately six miles south of the study area in the City of Vancouver's UGA. Sunset Oaks is a 35-acre undeveloped site located northeast of the I-205/Padden Parkway Expressway intersection, between NE 88th Street and NE 99th Street. Curtin Creek, a perennial tributary of Salmon Creek, bisects the site through a 2,500 linear foot ditch that has been rerouted through the site from its historic channel further to the northwest. The site is currently a Reed canarygrass-dominated wetland. Proposed mitigation would include rehabilitation of floodplain hydrology, reconstruction of the Curtin Creek channel, and the establishment of native emergent, scrub-shrub, and forested wetland communities. The mitigation would be designed to promote existing water quality and quantity functions and would include headwater storage, which would also promote aquatic and habitat functions. Adjacent land uses at this location are mostly low-density residential.

Exhibit 3. Land Uses as Represented by Zoning in the Study Area



WSDOT is also considering the purchase of 60+ acres adjacent to SR 502 for wetland rehabilitation, wetland creation/enhancement and fish habitat improvements/stream rehabilitation. The Mill Creek North potential mitigation site is adjacent to the north side of SR-502 (NE 219th St), slightly west of Dollars Corner (Exhibit 4). Mill Creek North flows through the middle of a large private parcel, draining a flat area of hydric soil that was, according to the current landowner, a waterbody known as Round Lake. The Lake was drained in the 1900's for agricultural purposes, and ditched to provide flood control. This area is part of a much larger wetland/hydric soil complex that extends in a broad trough north-south along Mill Creek. The stream section is a ditch with standing/flowing water observed throughout most of the year that hydrologically connects to the large wetland and Mill Creek to the south via a no-slope culvert under SR-502. The area drained by the ditch floods regularly in the winter, often to a depth of several feet. Resource agencies have designated the section of ditch that extends through the parcel as critical steelhead habitat, and would welcome restoration and enhancement measures aimed at eliminating areas that strand fish after flood events and that improve stream and riparian habitat.

A natural gas compression and distribution station is located at SR 502 and NE 87th Avenue. This facility is connected to an underground gas pipeline that crosses the study area just east of NE 87th Avenue and just west of NE 50th Avenue.

3.3 Study Area Summary

This section provides a summary of potential effects resulting from hazardous material sites validated through the review of the environmental database report, historical mapping, site reconnaissance, and file review.

3.3.1 Validated Properties

Exhibit 5 provides a summary of hazardous material sites identified in the study area and potential effect that each site may have. An effect ranking and site summary is included in for each site listed in Exhibit 5. The definitions presented below provide the basis for the effect ranking.

- High Potential Effect – Documented soil and groundwater contamination sites that may be disturbed by project construction, and sites located adjacent to the study area
- Medium Potential Effect – Documented release sites located within 1,000 feet of study area and potential release sites that would be disturbed or completely displaced by project construction (e.g., hazardous waste generators, service stations with no reported release)
- Low Potential Effect – Potential release sites located adjacent and within 1,000 feet of study area.

Exhibit 4. Acquired and Potential Mitigation Sites

Exhibit 5 identifies the ten reasonably predictable hazardous materials sites identified within 1,000 feet of the SR 502 Corridor Widening study area. The sites of most concern are those that have soil or groundwater contamination located within or adjacent to the study area. Four high potential effect sites have documented soil contamination and are located within or near the project construction area, near the intersection of SR 502 and NE 72nd Avenue (Sites 5, 6, 7, and 8). Three medium potential effects sites (Sites 1, 2, and 3) have documented soil and groundwater contamination and are located within 1,000 feet of the study area. The remaining three sites (Sites 4, 9, and 10) are considered low potential effect due to the presence of hazardous materials without documented environmental releases; however, two of the three sites are located adjacent to the study area with frontage acquisitions planned at Site 9.

3.3.2 Non-Validated Properties

Properties identified in prior screening that are not considered likely to contribute to environmental effects at the study area are summarized in Appendix C.

Exhibit 5. Validated Sites within the Study Area

Effect Ranking	Map ID	Approximate Location	Hazardous Materials Site Summary
High Potential	5	Service Station	Confirmed soil contamination with petroleum products. The site is located within the study area and will be partially acquired. Five USTs have been closed and removed; three USTs remain in operation on site. The LUST incident that caused the soil contamination was reported cleaned in 1992 and water sampling has been reported below cleanup levels to date.
	6	Auto Wrecking and Tow/Auto Sales	Registered waste disposal facility. Solvents, Metals, and Petroleum Products are contained on site. Site observations indicate that the property contains several areas of surface staining. This site is located within the study area and is planned for partial acquisition.
	7	NE 72 nd Avenue Drum Site	An approximate 55 gallon spill of petroleum products was reported on site. The surface spill occurred over ten years ago so contaminant concentrations should be low; however, this site is located within the study area and is planned for partial acquisition. Because the site has a history of hazardous materials storage, this site is listed as a high potential effect to the project.
	8	Truck Salvage	Registered waste disposal facility. Solvents, Metals, and Petroleum Products are contained on site. Site observations indicate that the property contains several areas of surface staining. This site is located within the study area and is planned for partial acquisition.
Medium Potential	1	Service Station and Store	Confirmed soil and groundwater contamination with petroleum products. The site is approximately 1,000 feet west of the study area. No recent remedial actions have been reported. Acquisitions are not planned at or near this site.
	2	Former Service Station	Confirmed soil and ground water contamination with petroleum products. This site is approximately 1,000 feet west of the study area. No recent remedial actions have been reported; however, all structures associated with the service station have been removed. Acquisitions are not planned at or near this site.
	3	Spill Location	A petroleum spill of unidentified quantity was reported in 2004. No additional information was available at this time. The site did not have any visual indication of a large scale spill. No acquisitions are planned at this adjacent site; however, project construction is planned immediately adjacent.
Low Potential	4	NE 219 th Street Multi-use Site	Solvents, metals, and petroleum products were observed during a site reconnaissance in 2006. This site has no record of an environmental release, but poor site conditions result in a low potential effect at this site, located adjacent to the study area.
	9	Pipeline Corporation	Natural gas pipeline compression and distribution facility and associated pipeline has no record of an environmental release. Frontage acquisitions are planned at this site.
	10	WSDOT Battle Ground State Highway Property	Confirmed soil contamination with petroleum products was reported above MTCA cleanup levels. No recent remedial actions have been reported. This site is located approximately 500 feet east of the study area.

4.0 Effects and Benefits

This section identifies potential effects and benefits to and from hazardous materials associated with the No Build Alternative and the Build Alternative. Effects and benefits are discussed in terms of temporary effects associated with construction activities, and long-term effects associated with the operation and maintenance of the facility or permanent changes resulting from the project. Indirect and cumulative effects of the project are documented in a separate report, *Indirect Effects and Cumulative Effects Discipline Report*.

4.1 Temporary Effects and Benefits

4.1.1 No Build Alternative

The proposed SR 502 Corridor Widening project would not be constructed and, therefore, no direct effects would occur. No soil disturbance, no risk to construction workers, no acquisition, no increased risk to WSDOT for buying contaminated properties under the No Build Alternative.

4.1.2 Build Alternative

Potential hazardous material effects related to construction of the project are those conditions or actions that result in an adverse effect to human health and the environment. A potential beneficial effect of the project is the removal of hazardous materials that may exist on the site, thus reducing future adverse effects to human health and the environment.

Construction of the project would potentially affect areas of the project where historic and current land use has included the use, generation, storage, release or disposal of hazardous materials and petroleum products. Some specific areas with potential hazardous materials effects have been identified based on historic and current land use. Effects are related to contained hazardous materials, demolition of existing structures and construction in areas of potential soil, and/or ground water contamination.

No substantially contaminated sites were identified that would pose a substantial effect during project construction. Ten sites containing known or potential hazardous materials were identified within 1,000 feet of the proposed project improvements; however, hazardous materials at these sites are considered reasonably predictable in nature because of each sites documented environmental history, the contaminants of concern, their physical location in relation to the study area, and/or current site conditions. Four of the ten sites are considered high potential effect due to documented onsite contamination and project acquisitions planned at these sites.

Partial acquisitions are planned at five of the ten hazardous materials sites identified in the study area. Four of these sites are located near the intersection of SR 502 and NE 72nd Avenue. One site is located near the intersection of SR 502 and NE 87th Avenue. Further investigation of these hazardous materials sites is recommended. The potential exists for WSDOT to incur liability issues associated with acquisition and/or construction at these sites from contaminated soil and/or groundwater.

Construction effects relating to hazardous materials may occur. Construction activities in areas of known or potential soil and/or groundwater contamination could have an effect on human health and the environment. During construction, grading and dewatering activities in these areas could cause worker exposure to contaminants. Grading in areas of contaminated soil and

groundwater could mobilize contaminants. Dewatering in areas of contaminated soil and groundwater could result in contamination in the area where the water is discharged.

Unidentified contamination resulting from storage tanks, asbestos-containing materials (ACM), and lead-based paint (LBP), may also be encountered during excavation, earthwork, grading, and utility work.

Several pole- and pad-mounted transformers possibly containing mineral insulating oil are located along the SR 502 Corridor. These transformers may need to be relocated for construction of this alternative.

No potential hazardous material effects are anticipated in relation to the Sunset Oaks wetland mitigation site.

4.2 Long-Term Effects and Benefits

There would be no long-term adverse effects to or from hazardous materials.

Remediating known or potentially contaminated hazardous materials sites for the project would benefit the study area. Removing these materials from the area as eliminates the potential health hazards and liability risks from these materials remaining in the area.

5.0 Mitigation

This section discusses potential mitigation measures that could be used to avoid or minimize effects to or from hazardous materials. Potential mitigation measures are discussed for the temporary effects and the long-term effects of the Build Alternative only.

5.1 Mitigation for Temporary Effects

The following measures could be taken to avoid and minimize temporary effects to or from hazardous materials. Measures include:

- Initial Site Assessments (ISA) of all properties where a full or partial acquisition is planned to accurately assess the potential for existing environmental contaminants on each property.
- Arrange with utilities to remove and relocate transformers as necessary along the alignment.
- Conduct pre-demolition asbestos and lead surveys for all structures to be demolished. If necessary, proceed with removal and disposal in accordance with regulations.
- Evaluate structures to be demolished for the presence of hazardous materials. Conduct site assessments as necessary to evaluate soil and groundwater conditions in the vicinity of the hazardous materials. Remove and dispose of hazardous materials, and remediate contaminated soil and groundwater in accordance with applicable regulations.
- Evaluate soil conditions in the vicinity of identified hazardous materials sites during construction excavation and grading. In the event hazardous materials are encountered,

soil and groundwater shall be characterized to determine appropriate handling and disposal requirements in accordance with applicable regulations. In the event an abandoned underground storage tank is encountered, the underground storage tank and associated contamination will be addressed in accordance to the regulations.

- Remediate as necessary in accordance with applicable regulations.

5.2 Mitigation for Long-Term Effects

Although there would be no anticipated long-term effects to or from hazardous materials, the following measure would be taken to ensure safe handling of hazardous materials in the event of a spill or unanticipated soil-related problems:

- During highway operation after construction, traffic accidents and hazardous materials spills are managed in accordance with the Washington State Department of Transportation Southwest Region Emergency Response Plan. The Washington State Department of Transportation maintenance employees coordinate with the Washington State Patrol who is responsible for implementing safety measures at the site and coordinating with the Department of Ecology for the cleanup of hazardous materials.

5.3 General Mitigation Guidance

Evaluate soil conditions in the vicinity of construction as grading activities occur. In the event that hazardous materials are encountered, remove and assess soil and groundwater conditions. Remediate as necessary in accordance with applicable regulations.

5.3.1 Hazardous Materials

If present, hazardous materials including undocumented spills or buried hazardous waste at or adjacent to the study area, chemicals used on the SR 502 right of way, and pole- and pad-mounted electrical transformers could potentially result in an effect to human health and the environment if not mitigated. Workers could be exposed to these materials during construction. Construction activities, such as grading, excavation, boring, in the vicinity of these materials could result in the release of contaminants to soil, groundwater, and surface water.

The potential effects related to the presence of hazardous materials can be mitigated by identification, removal, and proper disposal as necessary. A site assessment should be conducted to further evaluate the presence of hazardous materials in the study area. Hazardous materials could be identified so that proper removal and disposal could be completed prior to clearing, demolition, and grading activities.

Several pole- and pad-mounted electrical transformers are present in the study area and would likely be removed and possibly relocated during construction. These transformers may contain PCBs. The potential hazardous material-related effect of these transformers can be mitigated by proper management by the electrical utility.

5.3.2 Demolition of Existing Structures

Construction activities (e.g. grading and dewatering) in areas of potential soil and/or ground water contamination could have an effect on human health and the environment. Grading and dewatering activities in these areas during construction could cause worker exposure to the

contaminants. Grading in areas of contaminated soil and groundwater could mobilize contaminants. Dewatering in areas of contaminated soil and groundwater could result in contamination in the area where the water is discharged.

Potentially contaminated areas within the study area may exist in the vicinity of hazardous materials and other areas located along or adjacent to the planned alternative alignments, specifically within SR 502 right of way and the aforementioned properties.

The potential effects related to areas of potential soil and groundwater contamination can be mitigated by identification, removal and proper disposal. A site assessment should be conducted to further evaluate soil and groundwater conditions prior to or during construction. In the event that soil and/or groundwater contamination is identified, the effect could be mitigated by remediation in accordance with Model Toxics Control Act (MTCA) Cleanup Regulation.

Other areas of potential contamination may exist in the study area and may not have been identified during this study. If present, this effect could be mitigated by assessment and remediation. If soil and groundwater contamination is suspected during drilling, clearing, and grading activities in other study areas, these effects could be similarly mitigated by assessment and remediation.

5.3.3 Hazardous Materials Regulations

Hazardous material effects related to construction of the project are regulated by federal, state and local agencies including the EPA, Ecology, and Washington State Department of Labor and Industries. Many regulations exist that govern the storage, use, transportation, and disposal of petroleum products, and other toxic materials, including asbestos, lead, and PCBs. Hazardous material effects related to the project can be mitigated if proper measures, in accordance with applicable regulations, are taken prior to and during construction. Applicable state and federal regulations are presented below; additional regulatory requirements may exist.

Washington Administrative Code (WAC) 296-62

WAC 296-62 includes general occupational health standards regarding worker health and safety during construction activities for work involving hazardous materials.

General Occupational Health Standards – Asbestos (WAC 296-62 Part I-1)

WAC 296-62 requires that prior to commencement of construction work; an owner must conduct a good faith inspection to determine whether materials to be worked on or removed contain asbestos. An accredited inspector must conduct the good faith inspection. WAC 296-62 Part I-1 requires that an employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 0.1 fibers per cubic centimeter (0.1f/cc) of air as an eight-hour time-weighted average. Besides the permissible exposure limit, the regulation also requires appropriate respiratory protection as well as exposure assessment and monitoring.

Safety Standards for Construction Work - Lead (WAC 296-155)

WAC 296-166 indicates that workers may not be exposed to lead at concentrations greater than 50 micrograms per cubic meter (50 $\mu\text{g}/\text{m}^3$) of air averaged over an eight-hour period. It also outlines the personal protective equipment that shall be given to employees and the medical surveillance procedures that should be implemented for exposed personnel.

Model Toxics Control Act (MTCA) Regulations (WAC 173-340)

The MTCA applies to any site identified with environmental contamination that may pose a threat to human health and/or the environment. MTCA establishes acceptable cleanup limits for contaminated media. Any necessary cleanup is likely to be accomplished during construction as an independent action by WSDOT, with technical review by the Washington State Department of Ecology on an as-needed basis. WAC 173-340-450 sets forth the requirements for addressing releases that may pose a threat to human health or the environment from underground storage tanks. An overview of the cleanup standards is detailed in WAC 173-340-700. Soil, groundwater, and sediment cleanup standards are listed in WAC 173-340-740, WAC 173-340-730, and WAC 173-340-760 respectively.

Dangerous Waste Regulations (WAC 173-303)

Compliance with waste designation procedures and disposal requirements would most likely affect project construction. Any contaminated materials generated during construction, including soil, water, and debris, would have to be properly designated prior to disposal. In addition, wastes generated by the contractor during construction would require proper designation prior to disposal. WAC 173-303-070 through 173-303-110 includes the specific regulations that identify dangerous waste characteristics and criteria. The requirements for generators of dangerous waste are included in WAC 173-303-170 through WAC 173-303-230. A transporter of dangerous waste must comply with the procedures listed in WAC 173-303-240 through 173-303-250.

WAC 173-303-145 lists the reporting requirements for spills and discharges into the environment. This section of the WAC applies “when any dangerous waste or hazardous substance is intentionally or accidentally spilled or discharged into the environment such that human health or the environment is threatened, regardless of the quantity of dangerous waste or hazardous substance.” The regulations also detail the required procedures for notification and mitigation should a spill occur.

Solid (Non-Dangerous) Waste Disposal Revised Code of Washington (RCW) 70.95, WAC 173-304

The Washington State Solid Waste Management Act, RCW 70.95 states the primary responsibility for managing solid waste is assigned to local government. The state, however, is responsible for assuring the establishment of effective local programs throughout the state.

The local jurisdiction’s health department regulates the handling and disposal of solid waste. Identifying the appropriate waste disposal facility is most likely the portion of local solid waste regulation that could affect the project. The local health department determines whether a waste material is acceptable at one or more of the public and private solid waste facilities in the county. In some cases, testing may be required prior to disposal. Even waste that is being shipped to a disposal facility out of the county, and soil treatment facilities, falls under the jurisdiction of the local health department.

WAC 173-304 lists the Minimum Functional Standards for Solid Waste Handling. WAC 173-304-200 designates the on-site containerized storage, collection, and transportation standards for solid waste. The regulations apply to all persons storing containerized solid waste that is generated on-site. Revisions are anticipated for WAC 173-304 and the final revised rules should

be reviewed prior to the commencement of construction. The updated solid waste rule is likely to include new provisions for demolitions and inert waste streams.

Wastewater Discharges to Ground (WAC 173-216).

The State regulates discharges to groundwater. However, the State Water Discharge Permit program includes a variety of exemptions, most of which relate to discharges that are permitted under a National Pollution Discharge Elimination System (NPDES) permit or are otherwise authorized by a Publicly Owned Treatment Works (POTW) with an authorized pretreatment program. This regulation may apply to stormwater detention basins planned on the project if the water contains unacceptable concentrations of polluting materials. See the project's *Draft Water Quality /Surface Water/Floodplains/Groundwater Discipline Report* for additional discussion.

Underground Storage Tank Statute & Regulations (RCW 90-76, WAC 173-360)

This regulation addresses the serious threat posed to human health and the environment by leaking underground storage tank systems containing petroleum and other regulated substances. The regulations describe the enforcement, notification, and reporting requirements for underground storage tanks. The regulation also details performance standards as well as operating and closure requirements.

Underground Utilities (RCW 19.122)

There are multiple operating utilities within the study areas. The RCW 19.122 states that an excavator shall provide notice of the scheduled commencement of excavation to all owners of underground facilities through a one-number locator service. The RCW also states that all owners of underground facilities within a one-number locator service shall subscribe to the service. Notice needs to be communicated to the locator service no less than two days and no more than ten days prior to the commencement of excavation activities. If the excavator discovers utilities that were not identified or damages a utility, the excavator must stop work and notify the locator service and the owner of the utility service if possible. If the damage causes an emergency situation, the excavator would alert the appropriate public health agencies and take all steps necessary to ensure public safety. A failure to notify the locator service of damage to a hazardous liquid or gas pipeline is subject to a civil penalty. Any excavator who would fully or maliciously damages a field-marked underground facility is liable for triple the costs incurred in repairing or relocating the facility.

5.3.4 Worker Safety and Public Health

This section presents potential worker safety and public health considerations related to environmental issues that may arise during construction. It does not address non-environmental health and safety issues such as working near traffic or moving machinery, working off the ground or over water, and excavation cave-ins.

A common worker health and safety issue that arises on construction projects is encountering contaminated environmental media (i.e., soil, groundwater, sediments, surface water, and vapors). Worker exposures can occur during excavation and during the management of contaminated environmental media. Toxic vapors can accumulate in excavations and pose an exposure threat to personnel in the immediate area. In most cases, this can be anticipated based on known or probable areas of contamination, and addressed in the worker safety and health

plan. Workers also should anticipate that they might encounter unknown contamination during construction activities. Again appropriate procedures are needed in the event unknown contamination is encountered.

Any abandoned drums or containers on-site may become inadvertently punctured during construction activities. Drums or containers may contain solids, liquids, or vapors that produce physical symptoms such as dizziness, irritated or burned skin and eyes, long-term serious injury, suffocation, and in the worst case, death. Explosion and fire hazards can also be released from drums and/or underground storage tanks that are encountered during construction activities.

Inhalation and ingestion of Asbestos-Containing Materials (ACM)/Lead-Based Paint (LBP) containing materials during demolition activities and excavation of lead contaminated soils can pose serious risks for workers health and safety. The risks associated with low levels of contact with asbestos are not well established, so the Environmental Protection Agency concludes there is no level of exposure below which the risks of contracting an asbestos-related disease are zero. Exposures to asbestos can result in long-term progressive illnesses including lung cancer, asbestosis, and mesothelioma. The worker safety and health plan should contain measures for managing ACM/LBPs. Common short-term symptoms of lead poisoning include abdominal pain, headaches, constipation, and aches in the joints. Exposure to high levels of lead poisoning can result in retardation, convulsions, coma, and death.

Workers may ingest and/or inhale contaminants that are associated with equipment and materials that are brought on-site during construction activities. Contact with contaminants may occur if appropriate personal protective equipment is not donned prior to commencement of work. The Washington State Department of Labor and Industries requires that personnel receive proper training for working with hazardous materials and donning appropriate personal protective equipment. Contact with petroleum products and chlorinated solvents commonly used on construction projects can result in irritated or burned skin and eyes.

Depending on the nature of any contamination encountered during construction activities, worker safety training (such as 40-hour Hazardous Worker training) may be required of personnel working on the site.

5.3.5 Preliminary Site Investigation (PSI) Cost Estimates

This section offers preliminary cost estimates for additional investigation to define the potential for environmental contamination associated with construction (Exhibit 6 and Exhibit 7). Itemized details are presented below. In most cases, cost estimates are based on conceptual engineering of the project and best professional judgment. Due to the limited information reflected in the conceptual engineering designs, estimates are expressed in unit costs.

The purpose of a site reconnaissance is to identify potential sources of hazardous substances and/or petroleum products that may have been used at a site or in the surrounding area that could adversely affect the study area. The results of a site reconnaissance are used to determine whether environmental sampling may be required prior to construction and/or right-of-way acquisition. A site reconnaissance should be conducted on all ten validated hazardous material sites listed on Exhibit 5 prior to project construction. If results of the site reconnaissance indicate that further investigation is necessary, a PSI should be conducted to confirm the presence of

environmental concerns at the property. The PSI cost estimate includes a walk-through site reconnaissance of the properties as well as sampling activities and laboratory analysis. Actual costs would be based on a detailed scope of work that would include developing a Sample Analysis Plan and a Health and Safety Plan, conducting the field activities, laboratory analysis work, and compilation and tabulation of field data and analysis results for each of the recommended sites. This discipline report does not estimate the remediation costs of these sites because the presence of contaminated materials and quantities of those potential materials is highly variable, thus a remediation cost estimate is premature at this time.

Exhibit 6. Estimated Site Investigation Costs

Site	Reconnaissance	PSI (if needed)
Commercial/State Properties (each)	\$3,330	\$12,500
Residential Properties (each)	\$1,150	\$7,200

Exhibit 7. Estimated Off-Site Disposal Costs

Activity	Cost Per Unit
Waste Characterization	\$1,000 to \$1,500 per sample
Transportation	\$1,200 per truck load, 250 miles one way
Treatment & Disposal of contaminated soil (inorganic waste)	\$600 to \$1,000 per ton
Treatment & Disposal of contaminated soil (organic waste)	\$400 to \$1,200 per ton
Treatment & Disposal of contaminated soil (inorganic and organic waste)	\$500 to \$1,600 per ton
Treatment & Disposal of contaminated soil (pesticide waste)	\$1,500 to \$1,700 per ton
Treatment & Disposal of contaminated liquid (inorganic waste)	\$900 to \$1,100 per ton
Treatment & Disposal of contaminated liquid (organic waste)	\$850 to \$1,150 per ton
Treatment & Disposal of contaminated liquid (inorganic and organic waste)	\$1,000 to \$1,200 per ton
Treatment & Disposal of contaminated liquid (pesticide waste)	\$1,200 to \$1,500 per ton

Asbestos Containing Materials (ACM) and Lead Based Paint (LBP)

ACM and LBP abatement procedures typically would occur at the same time because abatement for LBP is usually only conducted if a representative sample of construction debris (collected during the survey) fails Toxicity Characteristic Leaching Procedure (TCLP) testing for lead. Lead abatement occurs while the ACM is removed so that construction debris does not have to

be handled as a dangerous waste due to leaching characteristics. The types of debris that typically cause TCLP exceedance for LBP are trim and caulking on doors and windows.

Because data on ACM and LBP were not available for the structures in the study area, a number of assumptions were made to estimate the cost to manage (i.e., survey, abate, and dispose of) ACM and LBP. To determine cost estimates, it is assumed that:

- No previous abatement has occurred in the buildings
- With the exception of roofing material, ACM could be disposed of at a permitted landfill
- The asbestos survey cost estimate includes the cost to prepare abatement plans and specifications
- The asbestos abatement cost estimate includes the cost to oversee and document abatement and disposal.

The unit cost to survey and abate asbestos is estimated to be:

- \$12,000 for small residential structures (approximately 1,700 square feet);
- \$14,500 for small industrial/commercial structures (approximately 4,000 square feet);
- \$66,000 for large industrial/commercial structures (approximately 25,000 square feet).

A cost estimate for the abatement of LBP for a residence is approximately \$3,000. Assuming a structure that is 1,700 square feet, the per-foot cost for LBP abatement is approximately \$1.75 per square foot. The costs for abatement also would differ depending on the amounts of LBP located within or on the outside of the structure.

Abandoned/Unknown Materials

Unknown materials may be encountered during construction activities in the study area. Estimates associated with removing unknown materials from a site depend upon, but are not limited to, the following: 1) sample analysis to characterize the materials; 2) management of the materials on-site; and 3) transportation and disposal of the unknown materials. Each of the three costs above can vary greatly depending on the specific material characteristics and the quantity of material to be removed from the site. For this reason, a specific cost estimate associated with abandoned/unknown materials is not provided in this discipline report.

Spill Prevention Control and Countermeasure (SPCC) Plan

A SPCC plan is developed for a specific construction project. The plan typically, varies in cost from \$500 to \$5000 depending upon the contractor, the project size, and the location. Due to the size of the SR 502 Corridor Widening study area, the estimated cost to develop the SPCC plan is \$5,000. Plan implementation costs would depend on the contractor's diligence to prevent spills.

6.0 References

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7.0 Glossary

American Society for Testing and Materials E1527 Standards	The standard for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum products.
Environmental Data Resources (EDR) Report	EDR, Inc provides a review of environmental regulatory database records to identify recorded potential contamination sources within a one-mile radius of the project area.
High potential effect (hazardous materials)	Documented soil or ground water contamination sites that may be disturbed by construction activities, and site located adjacent to project area.
Initial Site Assessments	Site-specific assessment of property conditions to accurately assess the potential for existing environmental contaminants on each property.
Low potential effect (hazardous materials)	Potential release sites located adjacent and within 1,000 feet of project area.
Medium potential effect (hazardous materials)	Documented release sites located within 1,000 feet of project area and potential release sites that would be disturbed or completely displaced by construction activities.
Mitigation	The measures that could be taken to lessen the negative effects predicted for each resource. These measures may include reducing or minimizing a specific negative effect, avoiding it completely, or rectifying or compensating for the negative effect.
Non-Validated Properties	Properties identified in prior screening that are not considered likely to contribute to environmental effects at the project area.
Reasonably Predictable Sites	Sites where recognized environmental conditions are known based on existing data or can be predicted based on site observations, previous experience in similar situations, or by using best professional judgment.
Sanborn Maps	Fire Insurance Maps reviewed, when available to document land use in an area.

Spill Prevention, Control, and Countermeasures (SPCC)

A Spill Prevention, Control, and Countermeasures (SPCC) plan includes site information regarding hazardous materials, spill prevention and containment methods, response procedures, and equipment and material to carry out preventive and response measures. SPCC plans ensure that all harmful and/or deleterious materials are properly stored and contained.

Substantially Contaminated Sites

Sites that are typically larger in size or sites that have large volumes of contaminated materials, have a long history of industrial or commercial land use, and the contaminants are persistent and difficult or expensive to manage.

Toxicity Characteristic Leaching Procedure

An analysis method designed to determine the mobility of both organic and inorganic analytes present in liquids and solids.

Validated Sites

Sites that identify specific properties that are recognized as posing a potential concern to the project through the screening methodology.

8.0 Acronyms

ACM	Asbestos-containing material
AINW	Archaeological Investigations Northwest, Inc.
AST	Aboveground storage tank
ASTM	American Society for Testing and Materials
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CSCSL	Confirmed and Suspected Contaminated Sites List
CORRACTS	Corrective Action Report
Ecology	Washington State Department of Ecology
EDR	Environmental Data Resources, Inc.
FHWA	Federal Highway Administration
FINDS	Facility Index System
ISA	Initial Site Assessment
LBP	Lead-based paint
LUST	Leaking Underground Storage Tank
MSL	Mean Sea Level
MTCA	Model Toxics Control Act
NPDES	National Pollution Discharge Elimination System
PCB	Polychlorinated biphenyls
POTW	Publicly-Owned Treatment Works
PSI	Preliminary Site Investigation

RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
RCRIS-SQG	Resource Conservation and Recovery Information System small quantity generator
RCRIS-LQG	Resource Conservation and Recovery Information System large quantity generator
RCW	Revised Code of Washington
SR	State Route
SPCC	Spill Prevention Control and Countermeasures
SPILLS	Reported Spills
SWF/LF	State Landfill
USDA	United State Department of Agriculture
U.S. EPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program
WAC	Washington Administrative Code
WA ICR	Washington Independent Cleanup Report
WRIA	Water Resource Inventory Area
WSDOT	Washington State Department of Transportation

Appendix A. Environmental Database Report (EDR)



EDR® Environmental
Data Resources Inc

EDR DataMap® Corridor Study

**SR 502 (NE 15th Ave to NE 102nd Ave)
Battle Ground, WA 98604**

February 02, 2007

Inquiry number 01844677.1r

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

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).

TARGET PROPERTY INFORMATION

ADDRESS

BATTLE GROUND, WA 98604
BATTLE GROUND, WA 98604

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records within the requested search area 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
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
LUCIS	Land Use Control Information System
US CDL	Clandestine Drug Labs
RADINFO	Radiation Information Database
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System

EXECUTIVE SUMMARY

MINES..... Mines Master Index File
RAATS..... RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

HSL..... Hazardous Sites List
CSCSL NFA..... Confirmed & Contaminated Sites - No Further Action
SWTIRE..... Solid Waste Tire Facilities
AST..... Aboveground Storage Tank Locations
INST CONTROL..... Institutional Control Site List
VCP..... Voluntary Cleanup Program Sites
DRYCLEANERS..... Drycleaner List
BROWNFIELDS..... Brownfields Sites Listing
CDL..... Clandestine Drug Lab Contaminated Site List
NPDES..... Water Quality Permit System Data
EML..... 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.

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 7

EXECUTIVE SUMMARY

RCRA-SQG sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
TIMS AUTO REPAIR	21600 NE 72 AVE	1	3
72ND AVE DRUM SITE	21910 NE 72ND AVE	1	9
DOLLARS CORNER TRACTOR EQUIP	22105 NE 72ND AVE	1	11
NW CONSTRUCTION GENERAL CONTRA	22317 NE 72ND AVE	1	11
WILLIAMS GAS PIPELINE CONST TR	2919 W MAIN ST	3	15
NORTHWEST PIPELINE CORP BATTLE	8907 NE 219TH ST	5	16
CROWN COLLISION CTR	8008 NE 219TH ST	6	19

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

A review of the FINDS list, as provided by EDR, and dated 10/11/2006 has revealed that there are 11 FINDS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
TIMS AUTO REPAIR	21600 NE 72 AVE	1	3
WILD WILLIES	7110 NE 219TH ST	1	7
JIM ZOLLER	7216 NE 219TH ST	1	8
DOLLARS CORNER AUTO WRECKING & 72ND AVE DRUM SITE	7306 NE 219TH ST 21910 NE 72ND AVE	1 1	9 9
DOLLARS CORNER TRACTOR EQUIP	22105 NE 72ND AVE	1	11
NW CONSTRUCTION GENERAL CONTRA	22317 NE 72ND AVE	1	11
NORTHWEST PIPELINE CORP BATTLE	8907 NE 219TH ST	5	16
DANS TRACTOR INC	8012 NE 219 ST	6	19
CROWN COLLISION CTR	8008 NE 219TH ST	6	19
Z MART	1010 219TH ST NE	7	24

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 4 CSCSL sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
BATTLE GROUND UTILITY TRENCH S	1912 W MAIN	2	12
WA DOT BATTLE GROUND	10707 NE 219TH ST	3	14
JIMMY W EVANS	21717 NE 10TH AVE	7	21

EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
OVIATT PROPERTY	20801 NE 10TH AVENUE	11	27

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

A review of the SWF/LF list, as provided by EDR, and dated 10/12/2006 has revealed that there are 2 SWF/LF sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
DOLLARS CORNER AUTO WRECKING	7306 NE 219TH ST	1	9
DOLLARS CORNER TRUCK SALVAGE	21919 NE 72ND AVE	1	10

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 12/13/2006 has revealed that there are 4 LUST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
WILD WILLIE'S	7110 NE 219TH ST	1	4
JIMMY W EVANS	21717 NE 10TH AVE	7	21
Z MART	1010 219TH ST NE	7	24
BUSY MART	21108 NE 72ND AVENUE	10	26

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 12/13/2006 has revealed that there are 8 UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
PRICE DISCOUNT STORE	21713 NE 72ND AVE	1	3
WILD WILLIE'S	7110 NE 219TH ST	1	4
JIM ZOLLER	7216 NE 219TH STREET	1	7
BATTLEGROUND DISTRICT OFFICE	8907 N.E. 219TH STREET	4	15
DAN'S TRACTOR INC	8012 NE 219 STREET	6	18
JIMMY W EVANS	21717 NE 10TH AVE	7	21
RIDGEFIELD PRO1	31 STREET AT 219 STREET	9	25
BUSY MART	21108 NE 72ND AVENUE	10	26

EXECUTIVE SUMMARY

MANIFEST: Hazardous waste manifest information.

A review of the WA MANIFEST list, as provided by EDR, and dated 06/12/2006 has revealed that there is 1 WA MANIFEST site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
NORTHWEST PIPELINE CORP BATTLE	8907 NE 219TH ST	5	16

SPILLS: Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

A review of the SPILLS list, as provided by EDR, and dated 10/30/2006 has revealed that there are 3 SPILLS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
Not reported	7110 NORTHEAST 219 STRE	1	7
UNKNOWN	21910 NE 72ND AVE - BAT	1	10
Not reported	1718 NE 219TH ST	8	25

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 4 ICR sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
B.J. SALES, INC. (FORMERLY WIL	7110 NE 219TH ST.	1	7
JIM'S TEXACO	21717 NE 10TH AVE.	7	20
Z MART CONVENIENCE STORE	1010 NE 219TH ST.	7	24
BUSY MART	21108 NE 72ND AVENUE	10	26

EXECUTIVE SUMMARY

Please refer to the end of the findings report for unmapped orphan sites due to poor or inadequate address information.

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
<u>FEDERAL RECORDS</u>	
NPL	0
Proposed NPL	0
Delisted NPL	0
NPL RECOVERY	0
CERCLIS	0
CERC-NFRAP	0
CORRACTS	0
RCRA TSD	0
RCRA Lg. Quan. Gen.	0
RCRA Sm. Quan. Gen.	7
ERNS	0
HMIRS	0
US ENG CONTROLS	0
US INST CONTROL	0
DOD	0
FUDS	0
US BROWNFIELDS	0
CONSENT	0
ROD	0
UMTRA	0
ODI	0
TRIS	0
TSCA	0
FTTS	0
SSTS	0
ICIS	0
LUCIS	0
CDL	0
RADINFO	0
PADS	0
MLTS	0
MINES	0
FINDS	11
RAATS	0
<u>STATE AND LOCAL RECORDS</u>	
CSCSL	4
HSL	0
CSCSL NFA	0
State Landfill	2
SWTIRE	0
LUST	4
UST	8
AST	0
MANIFEST	1
SPILLS	3
INST CONTROL	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
VCP	0
ICR	4
DRYCLEANERS	0
BROWNFIELDS	0
CDL	0
NPDES	0
WA Emissions	0
Inactive Drycleaners	0
 <u>TRIBAL RECORDS</u>	
INDIAN RESERV	0
INDIAN LUST	0
INDIAN UST	0
 <u>EDR PROPRIETARY RECORDS</u>	
Manufactured Gas Plants	0

NOTES:

Sites may be listed in more than one database

MAP FINDINGS

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

1	TIMS AUTO REPAIR 21600 NE 72 AVE BATTLE GROUND, WA 98604	RCRA-SQG FINDS	1004795022 WAR000004796
---	-------------------------------------------------------------------------------------	---------------------------------	------------------------------------------

RCRAInfo:
 Owner: RAZZ M TAZZ
 EPA ID: WAR000004796
 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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1	PRICE DISCOUNT STORE 21713 NE 72ND AVE BATTLE GROUND, WA 98604	UST	U003604755 N/A
---	-------------------------------------------------------------------------------------------	------------	---------------------------------

UST:
 Facility ID: 67122896
 Site ID: 494404
Status: Removed
 Tank Name: 2
 Install Date: 1/1/1900 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Leaded Gasoline
 Ecology Region: South Western
 Tank ID: 494414
 Compartment ID: 494415
 Decimal Latitude: 45.779685000000001
 Decimal Longitude: -122.601217000000001

Facility ID: 67122896
 Site ID: 494404
Status: Removed
 Tank Name: 3
 Install Date: 1/1/1964 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Leaded Gasoline
 Ecology Region: South Western
 Tank ID: 494419
 Compartment ID: 494420
 Decimal Latitude: 45.779685000000001
 Decimal Longitude: -122.601217000000001

Facility ID: 67122896

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PRICE DISCOUNT STORE (Continued)

U003604755

Site ID: 494404
Status: Removed
 Tank Name: 1
 Install Date: 1/1/1900 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Diesel
 Ecology Region: South Western
 Tank ID: 494409
 Compartment ID: 494410
 Decimal Latitude: 45.779685000000001
 Decimal Longitude: -122.601217000000001

Facility ID: 67122896
 Site ID: 494404
Status: Removed
 Tank Name: 4
 Install Date: 1/1/1900 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Leaded Gasoline
 Ecology Region: South Western
 Tank ID: 494424
 Compartment ID: 494425
 Decimal Latitude: 45.779685000000001
 Decimal Longitude: -122.601217000000001

1

**WILD WILLIE'S
 7110 NE 219TH ST
 BATTLE GROUND, WA 98604**

**LUST U003353187
 UST N/A**

LUST:

FS ID: 27771713
 Facility ID: 11183
 Release ID: 3198
 Alternate Name: WILD WILLIES, DOLLAR'S CORNER
 Release Notification Date: 9/1/1990 00:00:00
 Release Status Date: 9/1/1990 00:00:00
 Facility Status: Cleanup Started
 Affected Media: Soil
 Site Response Unit Code: SW
 Lat/Long: 45.780110000000001 / -122.60057

FS ID: 27771713
 Facility ID: 11183
 Release ID: 3198
 Alternate Name: WILD WILLIES, DOLLAR'S CORNER
 Release Notification Date: 9/1/1990 00:00:00
 Release Status Date: 4/6/1992 00:00:00
 Facility Status: Reported Cleaned Up
 Affected Media: Soil
 Site Response Unit Code: SW
 Lat/Long: 45.780110000000001 / -122.60057

UST:

Facility ID: 27771713
 Site ID: 11183

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WILD WILLIE'S (Continued)

U003353187

Status: Operational
 Tank Name: 7
 Install Date: 10/1/1990 00:00:00
 Capacity: 10,000 to 19,999 Gallons
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: South Western
 Tank ID: 28874
 Compartment ID: 29275
 Decimal Latitude: 45.780110000000001
 Decimal Longitude: -122.60057

Facility ID: 27771713
 Site ID: 11183
Status: Removed
 Tank Name: 3
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: South Western
 Tank ID: 28827
 Compartment ID: 29225
 Decimal Latitude: 45.780110000000001
 Decimal Longitude: -122.60057

Facility ID: 27771713
 Site ID: 11183
Status: Operational
 Tank Name: 8
 Install Date: 10/1/1990 00:00:00
 Capacity: 10,000 to 19,999 Gallons
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: South Western
 Tank ID: 29081
 Compartment ID: 29490
 Decimal Latitude: 45.780110000000001
 Decimal Longitude: -122.60057

Facility ID: 27771713
 Site ID: 11183
Status: Removed
 Tank Name: 1
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Leaded Gasoline
 Ecology Region: South Western
 Tank ID: 28942
 Compartment ID: 29346
 Decimal Latitude: 45.780110000000001
 Decimal Longitude: -122.60057

Facility ID: 27771713
 Site ID: 11183
Status: Operational

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WILD WILLIE'S (Continued)

U003353187

Tank Name: 6
 Install Date: 10/1/1990 00:00:00
 Capacity: 10,000 to 19,999 Gallons
 Compartment #: 1
 Substance: Leaded Gasoline
 Ecology Region: South Western
 Tank ID: 29180
 Compartment ID: 29594
 Decimal Latitude: 45.780110000000001
 Decimal Longitude: -122.60057

Facility ID: 27771713
 Site ID: 11183
Status: Removed
 Tank Name: 5
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Not reported
 Ecology Region: South Western
 Tank ID: 29004
 Compartment ID: 29411
 Decimal Latitude: 45.780110000000001
 Decimal Longitude: -122.60057

Facility ID: 27771713
 Site ID: 11183
Status: Removed
 Tank Name: 4
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Not reported
 Ecology Region: South Western
 Tank ID: 29025
 Compartment ID: 29432
 Decimal Latitude: 45.780110000000001
 Decimal Longitude: -122.60057

Facility ID: 27771713
 Site ID: 11183
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: 29140
 Compartment ID: 29552
 Decimal Latitude: 45.780110000000001
 Decimal Longitude: -122.60057

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

JIM ZOLLER (Continued)

U003352289

Compartment #: 1
 Substance: Leaded Gasoline
 Ecology Region: South Western
 Tank ID: 25420
 Compartment ID: 25766
 Decimal Latitude: 45.779896999999998
 Decimal Longitude: -122.601169

Facility ID: 18996628
 Site ID: 100203
Status: Removed
 Tank Name: #3-285GAL
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 TO 1,100 Gallons
 Compartment #: 1
 Substance: Heating Fuel
 Ecology Region: South Western
 Tank ID: 4849
 Compartment ID: 4947
 Decimal Latitude: 45.779896999999998
 Decimal Longitude: -122.601169

Facility ID: 18996628
 Site ID: 100203
Status: Removed
 Tank Name: #1-1,000GAL
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: South Western
 Tank ID: 23772
 Compartment ID: 24102
 Decimal Latitude: 45.779896999999998
 Decimal Longitude: -122.601169

1

**JIM ZOLLER
 7216 NE 219TH ST
 BATTLE GROUND, WA 98604**

**FINDS 1007074743
 110015513853**

FINDS:

Other Pertinent Environmental Activity Identified at Site

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MAP FINDINGS

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

1 **DOLLARS CORNER AUTO WRECKING & TOW** FINDS 1007453321
7306 NE 219TH ST 110017742665
BATTLE GROUND, WA 98604

FINDS:
 Other Pertinent Environmental Activity Identified at Site

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1 **DOLLARS CORNER AUTO WRECKING** SWF/LF S108108402
7306 NE 219TH ST N/A
BATTLE GROUND, WA 98604

SWF/LF:
 Region: STATE
 Region: SWRO
 Region: SWRO
 Status: Not reported
 Date Closed: Not reported
 Contact Organization: Dollars Corner Auto Wrecking
 Contact Address1: 7306 NE 219th St
 Contact Address2: Not reported
 Contact City: Battle Ground
 Contact State: WA
 Contact Postal: 98604
 Contact EMail: Not reported
 Contact Phone: 360-687-5120
 Facility ID: 1253
 Public/Private: Not reported
 Type: Recycling Survey
 Contact Name: Richard Ross
 Contact Title: Manager
 Facility Phone: Not reported
 Status: Not reported

1 **72ND AVE DRUM SITE** RCRA-SQG 1001491322
21910 NE 72ND AVE FINDS WAR000010793
BATTLE GROUND, WA 98604

MAP FINDINGS

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

72ND AVE DRUM SITE (Continued)

1001491322

RCRAInfo:
 Owner: LORI WINN
 EPA ID: WAR000010793
 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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**1 UNKNOWN
 21910 NE 72ND AVE - BATTLE GROUND
 BATTLE GROUND, WA**

**SPILLS S107484721
 N/A**

SPILLS:
 Facility ID: 104081
 Medium: Not reported
 Material Desc: PETROLEUM - OIL OTHER
 Material Qty: 55
 Material Units: GALLON
 Date Received: 1996-10-09 00:00:00
 Contact Name: WINN, LORI
 Company Name: UNKNOWN

**1 DOLLARS CORNER TRUCK SALVAGE
 21919 NE 72ND AVE
 BATTLE GROUND, WA 98604**

**SWF/LF S108108403
 N/A**

SWF/LF:
 Region: STATE
 Region: SWRO
 Region: SWRO
 Status: Not reported
 Date Closed: Not reported
 Contact Organization: Dollars Corner Truck Salvage
 Contact Address: 21919 NE 72nd Ave

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

DOLLARS CORNER TRUCK SALVAGE (Continued)

S108108403

Contact Address2: Not reported
 Contact City: Battle Ground
 Contact State: WA
 Contact Postal: 98604
 Contact EMail: Not reported
 Contact Phone: 360-687-5128
 Facility ID: 1254
 Public/Private: Not reported
 Type: Recycling Survey
 Contact Name: Norm Partch
 Contact Title: Not reported
 Facility Phone: Not reported
 Status: Not reported

**1 DOLLARS CORNER TRACTOR EQUIP
 22105 NE 72ND AVE
 BATTLE GROUND, WA 98604**

**RCRA-SQG 1000277618
 FINDS WAD982651820**

RCRAInfo:
 Owner: DOLLARS CORNER TRACTOR EQUIP
 EPA ID: WAD982651820
 Contact: NILS WIWEL
 (253) 687-2892
 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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**1 NW CONSTRUCTION GENERAL CONTRACTING INC
 22317 NE 72ND AVE
 BATTLEGROUND, WA 98604**

**RCRA-SQG 1000456079
 FINDS WAD988477634**

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

NW CONSTRUCTION GENERAL CONTRACTING INC (Continued)

1000456079

RCRAInfo:

Owner: NW CONSTRUCTION GENERAL CONTRACTING INC
 (360)687-2040
 EPA ID: WAD988477634
 Contact: DARRYL BECKER
 (360)687-2040
 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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2

**BATTLE GROUND UTILITY TRENCH SCOTT BROS
 1912 W MAIN
 BATTLE GROUND, WA 98604**

**CSCSL S107565909
 N/A**

CSCSL:

Facility ID: 15491331
 warm_bin_n: Not reported
 Prog plan code: Not reported
 Latitude: 45.780670000000001
 Longitude: -122.558040000000001
 Lat/Long: 45.780670000000001 / -122.558040000000001
 Lat/Long (dms): 45 46 50 / 122 33 28
 Media ID: 11871
 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: Southwest Region

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BATTLE GROUND UTILITY TRENCH SCOTT BROS (Continued)

S107565909

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): Awaiting Site Hazard Assessment (SHA)
 Independent Site Status (independent cleanup): Not reported

Facility ID: 15491331
 warm_bin_n: Not reported
 Prog plan code: Not reported
 Latitude: 45.780670000000001
 Longitude: -122.558040000000001
 Lat/Long: 45.780670000000001 / -122.558040000000001
 Lat/Long (dms): 45 46 50 / 122 33 28
 Media ID: 11872
 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: Southwest 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 FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BATTLE GROUND UTILITY TRENCH SCOTT BROS (Continued)

S107565909

Ecology Site Status (MTCA cleanup process): Awaiting Site Hazard Assessment (SHA)
 Independent Site Status (independent cleanup): Not reported

3

**WA DOT BATTLE GROUND
 10707 NE 219TH ST
 BATTLE GROUND, WA 98604**

**CSCSL S104490848
 N/A**

CSCSL:

Facility ID:	89645195	
warm_bin_n:	Not reported	
Prog plan code:	Not reported	
Latitude:	45.779989999999998	
Longitude:	-122.56352	
Lat/Long:	45.779989999999998 / -122.56352	
Lat/Long (dms):	45 46 47 / 122 33 48	
Media ID:	6712	
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:	Southwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:	Not reported	
Base/Neutral/Acid Organics:	Not reported	
Halogenated Organic Compounds:	Not reported	
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels	
Metals - Other non-priority pollutant medals:	Not reported	
Polychlorinated biPhenyls (PCBs):	Not reported	
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported	
Conventional Contaminants, Organic:	Not reported	
Conventional Contaminants, Inorganic:	Not reported	
Tibutyl Tin Contaminant Group:	Not reported	
Bioassay/Benthic Failures Contaminant Group:	Not reported	
Wood Debris Contaminant Group:	Not reported	
Other Deleterious Substance Group:	Not reported	
Ecology Site Status (MTCA cleanup process):	Awaiting Site Hazard Assessment (SHA)	
Independent Site Status (independent cleanup):	Not reported	

MAP FINDINGS

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

3	WILLIAMS GAS PIPELINE CONST TRAILER 2919 W MAIN ST BATTLE GROUND, WA 98604	RCRA-SQG	1007371927 WAH000023282
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RCRAInfo:

Owner: WILLIAMS GAS PIPELINE NORTHWEST PIPELINE
(801)584-6702

EPA ID: WAH000023282

Contact: WAYNE KEMPKE
(000)000-0000

Classification: Small Quantity Generator
TSD Activities: Not reported

Violation Status: No violations found

4	BATTLEGROUND DISTRICT OFFICE 8907 N.E. 219TH STREET BATTLE GROUND, WA 98604	UST	U003355325 N/A
----------	--------------------------------------------------------------------------------------------	------------	---------------------------

UST:

Facility ID: 52193414
Site ID: 7306
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: 41973
Compartment ID: 42564
Decimal Latitude: 45.78036000000002
Decimal Longitude: -122.57747999999999

Facility ID: 52193414
Site ID: 7306
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: 42049
Compartment ID: 42642
Decimal Latitude: 45.78036000000002
Decimal Longitude: -122.57747999999999

MAP FINDINGS

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

5	NORTHWEST PIPELINE CORP BATTLE GROUND 8907 NE 219TH ST BATTLE GROUND, WA 98604	RCRA-SQG FINDS WA MANIFEST	1001969480 WAD071801625
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RCRAInfo:

Owner: NORTHWEST PIPELINE CORP
(801)584-6761

EPA ID: WAD071801625

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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WA MANIFEST:

Facility Site ID Number:	52193414
Permit by Rule:	No
Treatment by Generator:	No
Mixed radioactive waste:	No
Importer of hazardous waste:	No
Immediate recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of dangerous fuel waste:	No
Generator marketing to burner:	No
"Other marketers (i.e., blender, distributor, etc.)":	No
Utility boiler burner:	No
Industry boiler burner:	No
Industrial Furnace:	No
Smelter deferral:	No
Universal waste - batteries - generate:	No
Universal waste - thermostats - generate:	No
Universal waste - mercury - generate:	No
Universal waste - lamps - generate:	No
Universal waste - batteries - accumulate:	No
Universal waste - thermostats - accumulate:	No
Universal waste - mercury - accumulate:	No
Universal waste - lamps - accumulate:	No
Destination Facility for Universal Waste:	No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

NORTHWEST PIPELINE CORP BATTLE GROUND (Continued)

1001969480

Off-specification used oil burner - utility boiler: No
 Off-specification used oil burner - industrial boiler: No
 Off-specification used oil burner - industrial furnace: No
 EPA ID: WAD071801625
 Facility Address 2: Not reported
 TAX REG NBR: 600121240
 NAICS CD: 48621
 BUSINESS TYPE: Not reported
 MAIL NAME: Northwest Pipeline Corp
 MAIL ADDR LINE1: PO Box 58900
 MAIL CITY,ST,ZIP: SALT LAKE CITY, UT 84158-0900
 MAIL COUNTRY: UNITED STATES
 LEGAL ORG NAME: Northwest Pipeline Corp
 LEGAL ORG TYPE: Private
 LEGAL ADDR LINE1: PO Box 58900
 LEGAL CITY,ST,ZIP: SALT LAKE CITY, UT 84158-0900
 LEGAL COUNTRY: UNITED STATES
 LEGAL PHONE NBR: (801)584-6761
 LEGAL EFFECTIVE DATE: 3/6/1997
 LAND ORG NAME: Northwest Pipeline Corp
 LAND ORG TYPE: Private
 LAND PERSON NAME: Not reported
 LAND ADDR LINE1: PO Box 58900
 LAND CITY,ST,ZIP: SALT LAKE CITY, UT 84158-0900
 LAND COUNTRY: UNITED STATES
 LAND PHONE NBR: (801)584-6761
 OPERATOR ORG NAME: Northrwest Pipeline Corp
 OPERATOR ORG TYPE: Private
 OPERATOR ADDR LINE1: 8907 NE 219TH ST
 OPERATOR CITY,ST,ZIP: BATTLE GROUND, WA 98604-4115
 OPERATOR COUNTRY: UNITED STATES
 OPERATOR PHONE NBR: (360)666-2105
 OPERATOR EFFECTIVE DATE: 3/6/1997
 SITE CONTACT NAME: Ruth Mabrey
 SITE CONTACT ADDR LINE1: 8907 NE 219TH ST
 SITE CONTACT ZIP: BATTLE GROUND, WA 98604-4115
 SITE CONTACT COUNTRY: UNITED STATES
 SITE CONTACT PHONE NBR: (360)687-3156
 SITE CONTACT EMAIL: Not reported
 FORM CONTACT NAME: Mitchell Singer
 FORM CONTACT ADDR LINE1: NE 219th Street
 FORM CONTACT CITY,ST,ZIP: Battle Ground, WA 77056
 FORM CONTACT COUNTRY: UNITED STATES
 FORM CONTACT PHONE NBR: 360/666-2107
 FORM CONTACT EMAIL: mitch.s.singer@williams.com
 GEN STATUS CD: XQG
 MONTHLY GENERATION: No
 BATCH GENERATION: No
 ONE TIME GENERATION: No
 TRANSPORTS OWN WASTE: No
 TRANSPORTS OTHRS WASTE: No
 RECYCLER ONSITE: No
 TRANSFER FACILITY: No
 OTHER EXEMPTION: Not reported
 UW BATTERY GEN: No
 USED OIL TRANSPORTER: No
 USED OIL TRANSFER FACLTY: No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

NORTHWEST PIPELINE CORP BATTLE GROUND (Continued)

1001969480

USED OIL PROCESSOR: No
 USED OIL REREFINER: No
 USED OIL FUEL MRKTR DIRECTS SHPMNTS: No
 USED OIL FUEL MRKTR MEETS SPECS: No

6

**DAN'S TRACTOR INC
 8012 NE 219 STREET
 BATTLE GROUND, WA 98604**

**UST U003353408
 N/A**

UST:

Facility ID: 32748975
 Site ID: 12097
Status: Removed
 Tank Name: 4
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 TO 1,100 Gallons
 Compartment #: 1
 Substance: Leaded Gasoline
 Ecology Region: South Western
 Tank ID: 12892
 Compartment ID: 13090
 Decimal Latitude: 45.780047000000003
 Decimal Longitude: -122.590659

Facility ID: 32748975
 Site ID: 12097
Status: Removed
 Tank Name: 1
 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: 13042
 Compartment ID: 13243
 Decimal Latitude: 45.780047000000003
 Decimal Longitude: -122.590659

Facility ID: 32748975
 Site ID: 12097
Status: Removed
 Tank Name: 3
 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: 12976
 Compartment ID: 13177
 Decimal Latitude: 45.780047000000003
 Decimal Longitude: -122.590659

Facility ID: 32748975
 Site ID: 12097
Status: Removed
 Tank Name: 2
 Install Date: 12/31/1964 00:00:00
 Capacity: 111 TO 1,100 Gallons

MAP FINDINGS

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

DAN'S TRACTOR INC (Continued)

U003353408

Compartment #: 1
 Substance: Leaded Gasoline
 Ecology Region: South Western
 Tank ID: 12847
 Compartment ID: 13045
 Decimal Latitude: 45.780047000000003
 Decimal Longitude: -122.590659

6
DANS TRACTOR INC
8012 NE 219 ST
BATTLE GROUND, WA 98604

FINDS 1007072627
110015492545

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.

6
CROWN COLLISION CTR
8008 NE 219TH ST
BATTLE GROUND, WA 98604

RCRA-SQG 1000437512
FINDS WAD017405002

RCRAInfo:

Owner: CROWN COLLISION CTR
 EPA ID: WAD017405002
 Contact: DALE MOSS
 (253) 687-2222

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.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

7 **JIM'S TEXACO**
21717 NE 10TH AVE.
RIDGEFIELD, WA 98642

ICR **S103502893**
N/A

ICR:

Date Ecology Received Report:	01/07/1991
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	95-05
County Code:	6.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	08/28/1990
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	95-05
County Code:	6.00000
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	10/02/2000
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-34
County Code:	6.00000
Contact:	Not reported
Report Title:	Geophysical Site Investigation
Date Ecology Received Report:	10/02/2000
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-34
County Code:	6.00000
Contact:	Not reported
Report Title:	Work Plan Diagram
Date Ecology Received Report:	08/11/2000
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-34
County Code:	6.00000
Contact:	Not reported
Report Title:	Site Assessment and Recommendations

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

JIM'S TEXACO (Continued)

S103502893

Date Ecology Received Report: 06/16/2000
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Soil
 Waste Management: Tank
 Region: South Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 98-34
 County Code: 6.00000
 Contact: Not reported
 Report Title: Limited Phase II Environmental Investigation

7

**JIMMY W EVANS
 21717 NE 10TH AVE
 RIDGEFIELD, WA 98642**

**CSCSL U003355570
 LUST N/A
 UST**

CSCSL:

Facility ID: 51675496
 warm_bin_n: Not reported
 Prog plan code: Not reported
 Latitude: 45.77859999999997
 Longitude: -122.66158
 Lat/Long: 45.77859999999997 / -122.66158
 Lat/Long (dms): 45 46 42 / 122 39 41
 Media ID: 9652
 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: Southwest 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): Awaiting Site Hazard Assessment (SHA)
 Independent Site Status (independent cleanup): Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

JIMMY W EVANS (Continued)

U003355570

Facility ID: 51675496
 warm_bin_n: Not reported
 Prog plan code: Not reported
 Latitude: 45.77859999999997
 Longitude: -122.66158
 Lat/Long: 45.77859999999997 / -122.66158
 Lat/Long (dms): 45 46 42 / 122 39 41
 Media ID: 7560
 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: Southwest 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): Awaiting Site Hazard Assessment (SHA)
 Independent Site Status (independent cleanup): Not reported

LUST:

FS ID: 51675496
 Facility ID: 8275
 Release ID: 1287
 Alternate Name: JIM'S TEXACO
 Release Notification Date: 6/5/1990 00:00:00
 Release Status Date: 6/5/1990 00:00:00
 Facility Status: Awaiting Cleanup
 Affected Media: Soil
 Site Response Unit Code: SW
 Lat/Long: 45.77859999999997 / -122.66158

FS ID: 51675496
 Facility ID: 8275
 Release ID: 1287
 Alternate Name: JIM'S TEXACO
 Release Notification Date: 6/5/1990 00:00:00

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

JIMMY W EVANS (Continued)

U00335570

Release Status Date: 4/7/1999 00:00:00
 Facility Status: Awaiting Cleanup
 Affected Media: Soil
 Site Response Unit Code: SW
 Lat/Long: 45.778599999999997 / -122.66158

FS ID: 51675496
 Facility ID: 8275
 Release ID: 1287
 Alternate Name: JIM'S TEXACO
 Release Notification Date: 6/5/1990 00:00:00
 Release Status Date: 8/27/1990 00:00:00
 Facility Status: Cleanup Started
 Affected Media: Soil
 Site Response Unit Code: SW
 Lat/Long: 45.778599999999997 / -122.66158

FS ID: 51675496
 Facility ID: 8275
 Release ID: 1287
 Alternate Name: JIM'S TEXACO
 Release Notification Date: 6/5/1990 00:00:00
 Release Status Date: 1/7/1991 00:00:00
 Facility Status: Reported Cleaned Up
 Affected Media: Soil
 Site Response Unit Code: SW
 Lat/Long: 45.778599999999997 / -122.66158

UST:

Facility ID: 51675496
 Site ID: 8275
Status: Removed
 Tank Name: 4
 Install Date: 12/31/1964 00:00:00
 Capacity: 5,000 to 9,999 Gallons
 Compartment #: 1
 Substance: Unleaded Gasoline
 Ecology Region: South Western
 Tank ID: 1906
 Compartment ID: 1950
 Decimal Latitude: 45.778599999999997
 Decimal Longitude: -122.66158

Facility ID: 51675496
 Site ID: 8275
Status: Removed
 Tank Name: 2
 Install Date: 12/31/1964 00:00:00
 Capacity: 5,000 to 9,999 Gallons
 Compartment #: 1
 Substance: Leaded Gasoline
 Ecology Region: South Western
 Tank ID: 1965
 Compartment ID: 2009
 Decimal Latitude: 45.778599999999997
 Decimal Longitude: -122.66158

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

JIMMY W EVANS (Continued)

U003355570

Facility ID: 51675496
 Site ID: 8275
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: South Western
 Tank ID: 1866
 Compartment ID: 1910
 Decimal Latitude: 45.77859999999997
 Decimal Longitude: -122.66158

Facility ID: 51675496
 Site ID: 8275
Status: Removed
 Tank Name: 3
 Install Date: 12/31/1964 00:00:00
 Capacity: 2,001 to 4,999 Gallons
 Compartment #: 1
 Substance: Diesel
 Ecology Region: South Western
 Tank ID: 1814
 Compartment ID: 1856
 Decimal Latitude: 45.77859999999997
 Decimal Longitude: -122.66158

7

**Z MART CONVENIENCE STORE
 1010 NE 219TH ST.
 RIDGEFIELD, WA 98642**

**ICR S103511260
 N/A**

ICR:
 Date Ecology Received Report: 06/04/1992
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Soil
 Waste Management: Tank
 Region: South Western
 Type of Report Ecology Received: Interim cleanup report
 Site Register Issue: 92-26
 County Code: 6.00000
 Contact: Not reported
 Report Title: Not reported

7

**Z MART
 1010 219TH ST NE
 RIDGEFIELD, WA 98642**

**FINDS 1007061963
 LUST 110015384939**

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,

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

Z MART (Continued)

1007061963

Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

LUST:

FS ID: 98615159
 Facility ID: 2374
 Release ID: 3238
 Alternate Name: Z MART
 Release Notification Date: 4/8/1992 00:00:00
 Release Status Date: 5/26/1992 00:00:00
 Facility Status: Awaiting Cleanup
 Affected Media: Soil
 Site Response Unit Code: SW
 Lat/Long: 45.779879999999999 / -122.66069

FS ID: 98615159
 Facility ID: 2374
 Release ID: 3238
 Alternate Name: Z MART
 Release Notification Date: 4/8/1992 00:00:00
 Release Status Date: 5/26/1992 00:00:00
 Facility Status: Awaiting Cleanup
 Affected Media: Ground Water
 Site Response Unit Code: SW
 Lat/Long: 45.779879999999999 / -122.66069

8

**1718 NE 219TH ST
 RIDGEFIELD, WA**

**SPILLS S106563121
 N/A**

SPILLS:

Facility ID: 543285
 Medium: SOIL
 Material Desc: PETROLEUM - WASTE/USED OIL
 Material Qty: Not reported
 Material Units: Not reported
 Date Received: 2004-09-02 00:00:00
 Contact Name: HOMOLA
 Company Name: Not reported

9

**RIDGEFIELD PRO1
 31 STREET AT 219 STREET
 RIDGEFIELD, WA 98642**

**UST U003352402
 N/A**

UST:

Facility ID: 44897452
 Site ID: 100568
Status: Removed
 Tank Name: 1
 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: 34488

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

RIDGEFIELD PRO1 (Continued)

U003352402

Compartment ID: 34986
 Decimal Latitude: 45.779277
 Decimal Longitude: -122.70385

10

**BUSY MART
 21108 NE 72ND AVENUE
 BATTLE GROUND, WA 98604**

**LUST U003352340
 UST N/A
 ICR**

LUST:

FS ID: 36344431
 Facility ID: 100344
 Release ID: 2096
 Alternate Name: Not reported
 Release Notification Date: 2/22/1991 00:00:00
 Release Status Date: 2/22/1991 00:00:00
 Facility Status: Cleanup Started
 Affected Media: Soil
 Site Response Unit Code: SW
 Lat/Long: 45.774590000000003 / -122.60002

FS ID: 36344431
 Facility ID: 100344
 Release ID: 2096
 Alternate Name: Not reported
 Release Notification Date: 2/22/1991 00:00:00
 Release Status Date: 6/28/1996 00:00:00
 Facility Status: Reported Cleaned Up
 Affected Media: Soil
 Site Response Unit Code: SW
 Lat/Long: 45.774590000000003 / -122.60002

UST:

Facility ID: 36344431
 Site ID: 100344
Status: Removed
 Tank Name: 2-500
 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: 14034
 Compartment ID: 14252
 Decimal Latitude: 45.774590000000003
 Decimal Longitude: -122.60002

Facility ID: 36344431
 Site ID: 100344
Status: Removed
 Tank Name: 3-500
 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: 5221
 Compartment ID: 5323

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

BUSY MART (Continued)

U003352340

Decimal Latitude: 45.774590000000003
 Decimal Longitude: -122.60002

 Facility ID: 36344431
 Site ID: 100344
Status: Removed
 Tank Name: 1-3000
 Install Date: 12/31/1964 00:00:00
 Capacity: Not reported
 Compartment #: 1
 Substance: Not reported
 Ecology Region: South Western
 Tank ID: 24244
 Compartment ID: 24577
 Decimal Latitude: 45.774590000000003
 Decimal Longitude: -122.60002

ICR:

Date Ecology Received Report: 07/01/1996
 Contaminants Found at Site: Petroleum products
 Media Contaminated: Soil
 Waste Management: Tank
 Region: South Western
 Type of Report Ecology Received: Final cleanup report
 Site Register Issue: 94-33
 County Code: 6.00000
 Contact: Not reported
 Report Title: Not reported

11

**OVIATT PROPERTY
 20801 NE 10TH AVENUE
 RIDGEFIELD, WA 98642**

**CSCSL S108021707
 N/A**

CSCSL:

Facility ID: 6590264
 warm_bin_n: Not reported
 Prog plan code: Not reported
 Latitude: 45.772221999999999
 Longitude: -122.66111100000001
 Lat/Long: 45.772221999999999 / -122.66111100000001
 Lat/Long (dms): 45 46 19.999199999997501 / 122 39 39.99960000000192
 Media ID: 12466
 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: Southwest Region
 Arsenic Code: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)Site

EDR ID Number
 EPA ID Number

Database(s)

OVIATT PROPERTY (Continued)

S108021707

MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Not reported
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		Not reported
EPA Priority Pollutants - Metals and Cyanide:		Suspected to be present
Metals - Other non-priority pollutant medals:		Not reported
Polychlorinated biPhenyls (PCBs):		Not reported
Polynuclear Aromatic Hydrocarbons (PAH):		Not reported
Conventional Contaminants, Organic:		Not reported
Conventional Contaminants, Inorganic:		Not reported
Tibutyl Tin Contaminant Group:		Not reported
Bioassay/Benthic Failures Contaminant Group:		Not reported
Wood Debris Contaminant Group:		Not reported
Other Deleterious Substance Group:		Not reported
Ecology Site Status (MTCA cleanup process):	Awaiting Site Hazard Assessment (SHA)	
Independent Site Status (independent cleanup):	Not reported	
Facility ID:	6590264	
warm_bin_n:	Not reported	
Prog plan code:	Not reported	
Latitude:	45.772221999999999	
Longitude:	-122.66111100000001	
Lat/Long:	45.772221999999999 / -122.66111100000001	
Lat/Long (dms):	45 46 19.99919999997501 / 122 39 39.9996000000192	
Media ID:	12467	
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:	Southwest Region	
Arsenic Code:	Not reported	
MTBE Code:	Not reported	
UXO Code:	Not reported	
Dioxin:	Not reported	
Non-Halogenated Solvents:		Not reported
Base/Neutral/Acid Organics:		Not reported
Halogenated Organic Compounds:		Not reported
EPA Priority Pollutants - Metals and Cyanide:		Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals:		Not reported
Polychlorinated biPhenyls (PCBs):		Not reported
Polynuclear Aromatic Hydrocarbons (PAH):		Not reported
Conventional Contaminants, Organic:		Not reported
Conventional Contaminants, Inorganic:		Not reported
Tibutyl Tin Contaminant Group:		Not reported
Bioassay/Benthic Failures Contaminant Group:		Not reported
Wood Debris Contaminant Group:		Not reported
Other Deleterious Substance Group:		Not reported
Ecology Site Status (MTCA cleanup process):	Awaiting Site Hazard Assessment (SHA)	

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

OVIATT PROPERTY (Continued)

S108021707

Independent Site Status (independent cleanup): Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BATTLE GROUND	S105454332	DEPARTMENT OF NATURAL RESOURCES - BATTLE GROUND	219TH ST. / 164TH AVE.	98604	ICR
BATTLE GROUND	S108166015	PRESTIGE DEV SR 503 & SCOTTON WAY	INTERSECTION OF SR 503 / SCOTTON WY	98604	NPDES
BATTLE GROUND	1007144567	BATTLE GROUND PLAZA MINI MA	717 MAIN ST	98604	FINDS, VCP
BATTLE GROUND	S105225124	MINI MART	905 MAIN ST.	98604	ICR
BATTLE GROUND	S106045053	BATTLE GROUND PLAZA MINI MA	717 MAIN ST	98604	CSCSL
BATTLE GROUND	S106045054	GRACES PLAZA CLEANERS	805 W MAIN ST STE 118	98604	CSCSL
BATTLE GROUND	S108233871	BATTLE GROUND SCHOOL DISTRICT 119	300 NORTH PARKWAY	98604	WA MANIFEST
BATTLEGROUND	92266232	92ND AVE NE MILL CREEK ESTATES	92ND AVE NE MILL CREEK ESTATES	98604	ERNS
BATTLEGROUND	S108108012	H & H WOOD RECYCLERS INC	PO BOX 1855	98604	SWF/LF
RIDGEFIELD	1007080954	KOCH TRACTOR	3000 NW 302TH ST	98642	CSCSL, FINDS, BROWNFIELDS
RIDGEFIELD	S108166889	WSDOT SR 501 RAMP SIGNALS	SR 501 MP 19.57 TO 20.05	98642	NPDES
RIDGEFIELD	S105063537	WSDOT	SR 502 MP .95 EASTSIDE	98642	ICR
RIDGEFIELD	U003354565	WA STATE DEPT OF TRANSPORTATION	SR 502 MILE POST O.95 EAST SIDE	98642	LUST, UST
RIDGEFIELD	S108107923	RIDGEFIELD MOBILE COLLECTION EVENT	UNION RIDGE ELEMENTARY SCHOOL	98642	SWF/LF

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: 01/31/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2007
	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: 01/31/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2007
	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: 11/28/2006

Source: EPA

Date Data Arrived at EDR: 12/19/2006

Telephone: 703-603-8960

Date Made Active in Reports: 01/29/2007

Last EDR Contact: 12/19/2006

Number of Days to Update: 41

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: 01/10/2007
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: 01/24/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/23/2007
	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: 01/17/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/16/2007
	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: 10/18/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/14/2006	Telephone: 703-603-8905
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/02/2007
Number of Days to Update: 28	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: 10/18/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/14/2006	Telephone: 703-603-8905
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/02/2007
Number of Days to Update: 28	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: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/10/2006
Number of Days to Update: 62	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: 01/08/2007
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: 01/22/2007
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: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/08/2006	Telephone: 505-845-0011
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 12/18/2006
Number of Days to Update: 82	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: 01/15/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 04/16/2007
	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: 01/29/2007
Number of Days to Update: 11	Next Scheduled EDR Contact: 04/16/2007
	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: 01/15/2007
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/01/2006	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 01/08/2007	Telephone: 202-307-1000
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/08/2007
Number of Days to Update: 3	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: Quarterly

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 12/11/2006
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/12/2007
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 11/03/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/03/2006	Telephone: 202-343-9775
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/31/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 04/30/2007
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/17/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 43

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 11/29/2006
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
Date Data Arrived at EDR: 10/31/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/02/2007
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: 11/15/2006
Date Data Arrived at EDR: 12/28/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 32

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/28/2006
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).

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/19/2007
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.

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: 01/16/2007
Next Scheduled EDR Contact: 04/02/2007
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: 01/05/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/13/2006	Source: Department of Ecology
Date Data Arrived at EDR: 12/14/2006	Telephone: 360-407-7183
Date Made Active in Reports: 01/17/2007	Last EDR Contact: 12/14/2006
Number of Days to Update: 34	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: 12/13/2006	Source: Department of Ecology
Date Data Arrived at EDR: 12/14/2006	Telephone: 360-407-7183
Date Made Active in Reports: 01/17/2007	Last EDR Contact: 12/14/2006
Number of Days to Update: 34	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	Source: Department of Ecology
Date Data Arrived at EDR: 09/08/2006	Telephone: 360-407-7562
Date Made Active in Reports: 10/12/2006	Last EDR Contact: 11/29/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/26/2007
	Data Release Frequency: Varies

MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 06/12/2006	Source: Department of Ecology
Date Data Arrived at EDR: 11/27/2006	Telephone: N/A
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/13/2006
Number of Days to Update: 45	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	Source: Department of Ecology
Date Data Arrived at EDR: 10/30/2006	Telephone: 360-407-6950
Date Made Active in Reports: 11/30/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 31	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: 12/04/2006	Source: Department of Ecology
Date Data Arrived at EDR: 12/06/2006	Telephone: 360-407-7170
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 12/04/2006
Number of Days to Update: 36	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.

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: 360-407-7200
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: 06/12/2006
Date Data Arrived at EDR: 11/27/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 45

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.

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EMI: Washington Emissions Data System

Date of Government Version: 12/31/2004	Source: Department of Ecology
Date Data Arrived at EDR: 03/16/2006	Telephone: 360-407-6040
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Annually

INACTIVE DRYCLEANERS: Inactive Drycleaners A listing of inactive drycleaner facility locations.

Date of Government Version: 06/12/2006	Source: Department of Ecology
Date Data Arrived at EDR: 11/27/2006	Telephone: 360-407-6732
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/13/2006
Number of Days to Update: 45	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: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 02/06/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/10/2006
Number of Days to Update: 339	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: 12/01/2006	Source: EPA Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

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: 11/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 12/08/2006	Telephone: 303-312-6271
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 52	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: 11/21/2006	Source: EPA Region 10
Date Data Arrived at EDR: 12/08/2006	Telephone: 206-553-2857
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/19/2006	Telephone: 415-972-3372
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 41	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

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 11/21/2006	Source: EPA Region 10
Date Data Arrived at EDR: 12/08/2006	Telephone: 206-553-2857
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 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: 11/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 12/08/2006	Telephone: 303-312-6137
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/11/2007
Date Data Arrived at EDR: 01/12/2007
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 17

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 12/01/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 59

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

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 12/19/2006
Date Data Arrived at EDR: 12/19/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 41

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 11/17/2006
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.

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

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:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Water Wells in Kitsap County

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

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

SEATTLE COUNTY:

Abandoned Landfill Study in the City of Seattle

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

Date of Government Version: 07/30/1984
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

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

SEATTLE/KING COUNTY:

Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project

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

Date of Government Version: 12/31/1986
Date Data Arrived at EDR: 08/18/1995
Date Made Active in Reports: 09/20/1995
Number of Days to Update: 33

Source: Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 08/14/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SNOHOMISH COUNTY:

Solid Waste Sites of Record at Snohomish Health District

Date of Government Version: 08/07/2006
Date Data Arrived at EDR: 11/13/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 17

Source: Snohomish Health District
Telephone: 206-339-5250
Last EDR Contact: 01/18/2007
Next Scheduled EDR Contact: 04/16/2007
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
Date Data Arrived at EDR: 03/24/2003
Date Made Active in Reports: 05/14/2003
Number of Days to Update: 51

Source: Tacoma-Pierce County Health Department
Telephone: 206-591-6500
Last EDR Contact: 03/19/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 12/31/2004	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/17/2006	Telephone: 860-424-3375
Date Made Active in Reports: 04/07/2006	Last EDR Contact: 12/11/2006
Number of Days to Update: 49	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: 10/26/2006	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/29/2006	Telephone: 518-402-8651
Date Made Active in Reports: 01/05/2007	Last EDR Contact: 11/29/2006
Number of Days to Update: 37	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	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/17/2006	Telephone: N/A
Date Made Active in Reports: 06/06/2006	Last EDR Contact: 12/11/2006
Number of Days to Update: 81	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	Source: Department of Natural Resources
Date Data Arrived at EDR: 03/17/2006	Telephone: N/A
Date Made Active in Reports: 05/02/2006	Last EDR Contact: 01/08/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 04/09/2007
	Data Release Frequency: Annually

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

AHA Hospitals:

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

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

Medical Centers: Provider of Services Listing

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

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

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

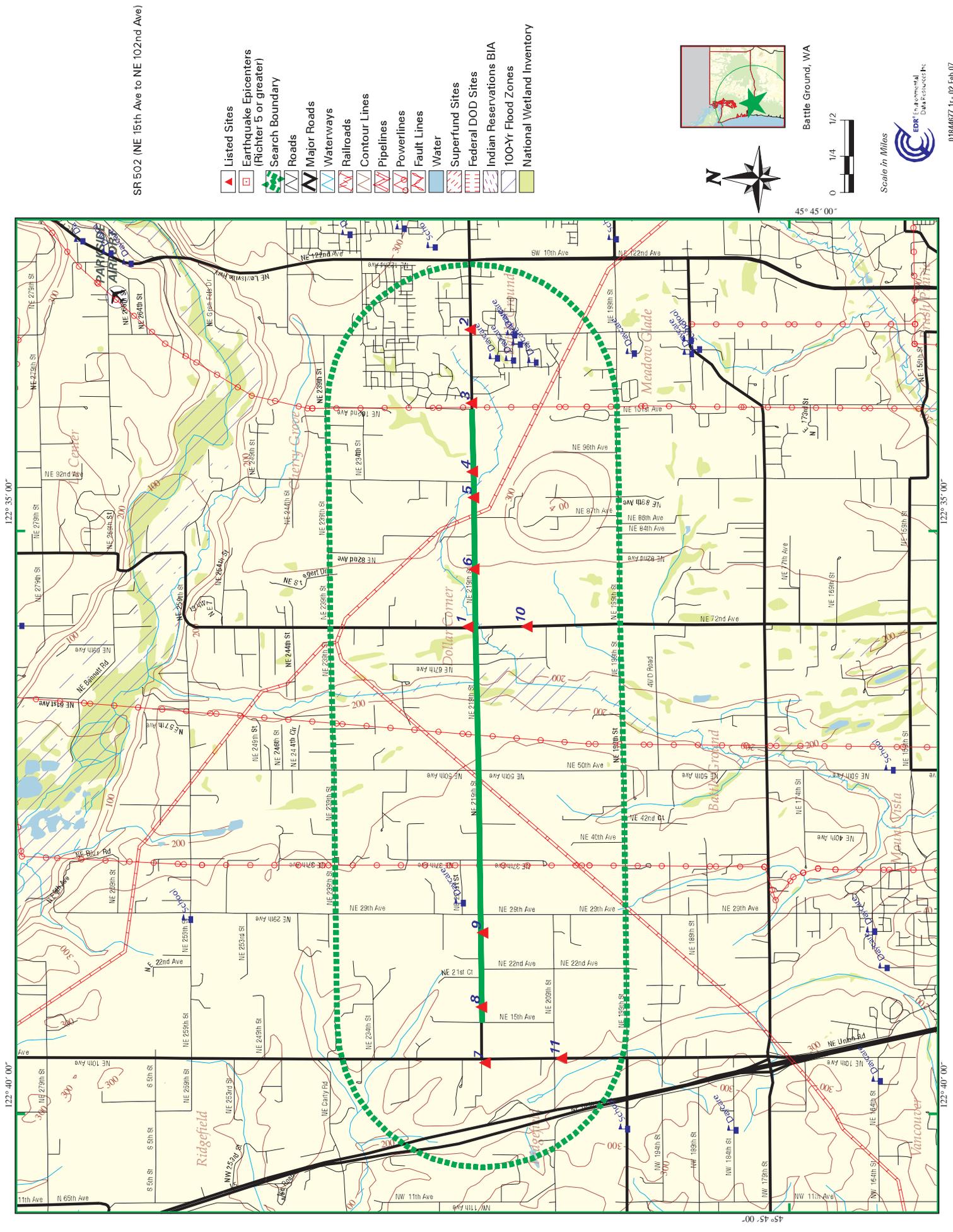
Telephone: 253-383-1735

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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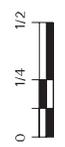


SR 502 (NE 15th Ave to NE 102nd Ave)

- Listed Sites
- Earthquake Epicenters (Richter 5 or greater)
- Search Boundary
- Roads
- Major Roads
- Waterways
- Railroads
- Contour Lines
- Pipelines
- Powerlines
- Fault Lines
- Water
- Superfund Sites
- Federal DOD Sites
- Indian Reservations BIA
- 100-Yr Flood Zones
- National Wetland Inventory



Battle Ground, WA



Scale in Miles



0184677.1r - 02 Feb 07

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122° 35' 00"

122° 40' 00"

45° 45' 00"

122° 35' 00"

122° 40' 00"

Appendix B. Environmental Databases Searched

The environmental databases searched for the SR 502 Corridor Widening Project are summarized in Exhibit B-1.

Exhibit B-1. Environmental Databases Searched

Federal Records
National Priority List (NPL)
Proposed NPL
Resource Conversation and Recovery Information System (RCRIS-TSD)
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)
CERCLIS – No Further Remedial Action Plan Sites (CERC-NFRAP)
Corrective Action Report (CORRACTS)
A listing of Brownfields Sites (US BROWNFIELDS)
RCRA Administrative Action Tracking System (RAATS)
RCRIS – Small Quantity Generator of Hazardous Waste (RCRIS-SQG)
RCRIS – Large Quantity Generator of Hazardous Waste (RCRIS-LQG)
Hazardous Materials Information Reporting System (HMIRS)
PCB Activity Database System (PADS)
Emergency Response Notification System (ERNS)
Open Dump Inventory (ODI)
Integrated Compliance Information System (ICIS)
Land Use Control Information System (LUCIS)
Clandestine Drug Labs (US CDL)
Radiation Information Database (RADINFO)
Facility Index System (FINDS)
Toxic Release Inventory System (TRIS)
Federal Superfund Liens (NPL Recovery)
Sites with Institutional Controls (US INST CONTROL)
Engineering Controls Site List (US ENG CONTROLS)
Toxic Substances Control (TSCA)
Material Licensing Tracking System (MLTS)
Uranium Mill Tailings Sites (UMTRA)
Record of Decision (ROD)
Superfund Consent Decrees (CONSENT)
National Priority List Deletions (Delisted NPL)
Section 7 Tracking Systems (SSTS)
Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) / TSCA Tracking System (FTTS)

Federal Records (continued)
Department of Defense Sites (DOD)
Mines Master Index File (Mines)
State and Local Records
Ecology's Confirmed & Suspected Contaminated Sites List (CSCSL)
Solid Waste Tire Facilities (SWTIRE)
Solid Waste Facilities List (SWF/LF)
Leaking Underground Storage Tank Sites (LUST)
Underground Storage Tanks (UST)
Hazardous Waste Manifests (MANIFEST)
Aboveground Storage Tanks (AST)
Hazardous Sites List (HSL)
State Institutional Control Sites (INST CONTROL)
Voluntary Cleanup Program Sites (VCP)
Confirmed & Contaminated Sites – No Further Action (CSCSL NFA)
Drycleaner List (DRYCLEANERS)
Inactive Drycleaners (Inactive Drycleaners)
Brownfields Sites Listing (BROWNFIELDS)
Clandestine Drug Lab Contaminated Site List (CDL)
Water Quality Permit System Data (NPDES)
Reported Spills (SPILLS)
Washington Emissions Data System (EMI)
Washington Department of Ecology's Site Remedial Action Report List (WA ICR)
Tribal Records
Indian Reservations (INDIAN RESERV)
Leaking Underground Storage Tanks on Indian Land (INDIAN LUST)
Underground Storage Tanks on Indian Land (INDIAN UST)
EDR Proprietary Records
EDR Proprietary Records (Manufactured Gas Plants)

Appendix C. Non-Validated Sites

Exhibit C-1. Non-Validated Sites within the Study Area

EDR Report ID No.	Distance from Alignment (miles)	Direction from Alignment	Database Listing ¹	Elimination Criteria ²
1 ^a	Adjacent	N	RCRA-SQG, FINDS	NR
1 ^b	Adjacent	N	UST	NR
1 ^g	Adjacent	N	UST	NR
1 ^h	Adjacent	N	FINDS	NR
1 ⁿ	Adjacent	N	RCRA-SQG, FINDS	NR
1 ^o	Adjacent	N	RCRA-SQG, FINDS	NR
2	0.50	E	CSCSL	D
3 ^b	0.10	E	RCRA-SQG	NR
4	Adjacent	S	UST	NR
6 ^a	Adjacent	S	UST	NR
6 ^b	Adjacent	S	FINDS	NR
6 ^c	Adjacent	S	RCRA-SQG, FINDS	NR
9	Adjacent	S	UST	NR
11	0.65	SW	CSCSL	D
No Site		S	UST	NR

Notes:

EDR Data Map Corridor Study for SR 502 (NE 15th Avenue to NE 102nd Avenue) Battle Ground, WA 98604
Report ID No.: 01844677.1r.

1. Database Listing: Database Listings are defined in Exhibit B-1.

2. Elimination Criteria: (D: Site eliminated due to distance from the project corridor, NR: No releases to the environment reported, C: Site cleaned and/or case closed)

Validated sites are discussed in detail in the main body of this report.

Twenty-two of the 31 sites identified in the EDR Report were reviewed and eliminated from consideration to potentially affect the study area due to a sites relative distance from the study area, the identification of no reported releases to the environment at the site, and/or a site remediation complete or a site case being closed.

Appendix D. Windshield Survey Site Photographs and Captions for Validated Sites



Site 1: Current Service Station and Store



Site 2: Former Service Station Location



Site 3: Spill Location



Site 4: NE 219th Street Multi-Use Site



Site 5: Current Service Station



Site 6: Auto Wrecking and Tow / Auto Sales



Site 7: 72nd Avenue Drum Site



Site 8: Truck Salvage



Site 9: Pipeline Corporation



Site 10: WSDOT Battle Ground State Highway Property